

APPENDIX A

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-001	2021	2021 Platform Operations Key Projects: Leadership Summit 2021	ABILITY0000384
DX-002	2021	2021 Platform Operations Key Projects: Leadership Summit 2021	ABILITY0000384 - ABILITY0000393
DX-003	3/2/2005	Connectivity Vendor Agreement (March 2, 2005)(between Aetna Health Management, LLC and Availity, LLC)	AETNA_USC000000696-AETNA-USC000000709
DX-004	4/1/2008	Connectivity Vendor Agreement (effective April 1, 2008)(between Aetna Health Management, LLC and InstaMed)	AETNA_USC000000710-AETNA_USC000000753
DX-005		Connectivity Vendor Agreement (March 2, 2005)(between Aetna Health Management, LLC and Availity, LLC)	AETNA_USC000000780-AETNA_USC000000793
DX-006	4/25/2007	Connectivity Vendor Agreement (April 25, 2007)(between Aetna Health Management, LLC and Office Ally, LLC)	AETNA_USC000000794-AETNA_USC000000814
DX-007	5/1/2022	CVSHealth Code of Conduct	AETNA_USC000000815-AETNA_USC000000849
DX-008		Proposal Summary for Payment Integrity Services (CVS Health)	AETNAOPCHC0000064-AETNAOPCHC0000095
DX-009	6/21/2021	June 21, 2021 Meeting Invitation (for July 7, 2021) from M. Glasheen to J. Phillips, S. Hochradel, H. Arcot, S. Forcash, D. Gallagher re Timber Project (attaching image001.png; Timber_GBDFacets_Integration_Proposal_10.15.2020.pptx; TIMBER Key Programs 2021 - GBD Facets vWJO.PPTX; Facets Timber Milestone Planning - 1.8.21.pptx)	ANTHEM-DOJ-0000635-ANTHEM-DOJ-0000665
DX-010	8/19/2021	August 19, 2021 email from D. Gallagher to B. dizenhuz re Background Information (attaching BatJarUpdate_Jan1619.pptx)	ANTHEM-DOJ-0000886-ANTHEM-DOJ-0000898
DX-011	11/21/2018	November 21, 2018 meeting invitation from D. Gallegher to R. Hulet re Bat Jar (attaching 62122 Funding - CHC.pptx; Internal NDA_BatJar 11142018.docx; 62122 Business Case.docx; 62122 Outcomes.docx; Anthem Presentation_9-20-2018.pdf; Project Bat Jar.docx)	ANTHEM-DOJ-0003067-ANTHEM-DOJ-0003161
DX-012	4/30/2019	April 30, 2019 email from L. Regan to D. Gallagher (CC I. Regan, K. Kosowski, P. Tamulonis) (attaching Enterprise Capability Council Financials_Burgess Short Term Agreement 04302019.xlsx; Burgess Short Term Agreement ECC Business Case 20190430.pptx)	ANTHEM-DOJ-0013947-ANTHEM-DOJ-0013961
DX-013	11/11/2020	November 11, 2020 email from W. O'Neill to E. Canis, S. Forcash, D. Gallaher, P. Tamulonis (CC M. Chappelle) re Updates and an intro (attaching 2020 Timber ECC Submission_10272020_vShare wo.pptx; Timber_Business_Case_Digital_ECC_Draftv20201026.xlsx; Onyx Business Case vDRAFT_20201026.pptx)	ANTHEM-DOJ-0021839-ANTHEM-DOJ-0021947
DX-014	9/1/2017	First Amended and Restated Health Plan Master Services Agreement (between Availity, LLC and Anthem, Inc)(effective as of September 1, 2017)	ANTHEM-DOJ-0024183-ANTHEM-DOJ-0024477
DX-015	10/1/2019	Statement of Work #5 to the Master Services Agreement Dated November 30, 2018 Between Anthem, Inc. and Equian, LLC (effective October 1, 2019)	ANTHEM-DOJ-0028784-ANTHEM-DOJ-0028793
DX-016	12/10/2021	Order Schedule - Data Mining (between Ingenix, Inc. and WellPoint, Inc.) (effective October 1, 2010)	ANTHEM-DOJ-0028794-ANTHEM-DOJ-0028796

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DX-017	7/4/2021	July 4, 2021 email from L. Huffman to G. Boudreaux, S. Agrawal, J. Alter, W. Beck, J. Gallina, P. Haytaian, G. McCarthy, F. Norwood, P. Patel, L. Stark, B. Todt, B. Winn (cc K. Stella, D. Holden, D. Seiter, K. Stein, S. Vetter, M. Maloof, C. Seidl, J. McGibbon, S. Gautier, R. Richey, N. Jacob) re Senior Team Meeting Materials July 7 2021 (attaching Senior Team Meeting July 7 2021.pdf)	ANTM_DOJSUB_00000002- ANTM_DOJSUB_00000075
DX-018	2/4/2021	February 4, 2021 email from G. Baldini to g. Boudreaux, W. Beck, J. Gallina, P. Haytaian, G. McCarthy, F. Norwood, P. Patel, L. Stark, B. Winn, J. Alter, A. Canis (cc N. Jacobi) re ASC January Market Trends & Insights (attching January ASC Market Trends & Insights.pdf)	ANTM_DOJSUB_00000169- ANTM_DOJSUB_00000189
DX-019	6/15/2021	June 15, 2021 email from A. Vanheerden to J. Gallina, G. Boudreaux, A. Mulderry (cc J. Alter, R. Ronanki, N. Kohler, J. Cronin, P. Marchetti, B. Winn, A. Chennuru) re Project Argo (attaching Project Argo - MA Committee 2021.06.06.pdf; Project Argo JG GB Questions 2021.06.14_v3.docx)	ANTM_DOJSUB_00006068- ANTM_DOJSUB_00006095
DX-020	1/6/2021	January 6, 2021 email from R. Thomas to Board of Managers (Availity) (cc P. Joiner, F. Mazella, C. Anderson) re {External} Change Optum (attaching Change Business Units Jan 2020.pptx; 210106 Availity Reaction to Change Healthcare Acquisition v2.pptx)	ANTM_DOJSUB_00006100- ANTM_DOJSUB_00006104
DX-021	2/24/2021	February 24, 2021 Email from P. Marchetti to J. Alter, B. Winn, S. Tanel, R. Ronanki (cc A. Chennuru) re FW: Materials for Today (attaching Health Plan Exec Meetings Feb 19 2021_investor update.pdf)	ANTM_DOJSUB_00006179- ANTM_DOJSUB_00006204
DX-022		Beacon Health Options Policies and Procedures: Policy Number CO 436; Title: Firewall	ANTM_UHGSUB_00000021- ANTM_UHGSUB_00000030
DX-023		myNEXUS Policy number: DBG-COMP-0001; Policy Name: DBG Firewall	ANTM_UHGSUB_00000031- ANTM_UHGSUB_00000040
DX-024		AIM SpecialtyHealth - AIM Firewall Policy (Policy # C-120)	ANTM_UHGSUB_00000041- ANTM_UHGSUB_00000047
DX-025		Legato Health Technologies Firewall Guidelines (No. CCP701)	ANTM_UHGSUB_00000048- ANTM_UHGSUB_00000054
DX-026		Diversified Business Group Firewall Policy	ANTM_UHGSUB_00000055- ANTM_UHGSUB_00000060
DX-027		Anthem Corporate Compliance Policy - Antitrust Compliance Policy (No. CCP700)	ANTM_UHGSUB_00000061- ANTM_UHGSUB_00000072
DX-028		CareMore Health - Policies & Procedures; Policy & Procedure Title: DBG Firewall Policy; Policy & Procedure Number: CAHS-LG-01	ANTM_UHGSUB_00000074- ANTM_UHGSUB_00000080
DX-029		IngenioRx Firewall Policy	ANTM_UHGSUB_00000089- ANTM_UHGSUB_00000101
DX-030		Meridian Resource Company LLC - Firewall Policy	ANTM_UHGSUB_00000102- ANTM_UHGSUB_00000108
DX-031	1/14/2021	January 14, 2021 calendar invitation from H. Bloom to D. Gallagher (cc strategicalliances@anthem.com, S. Rosenblum) re Helen and Dan - Quick Touch Point (attaching Payment Accuracy and Program Integrity.pptx)	ANTM_UHGSUB_00000362- ANTM_UHGSUB_00000362
DX-032		Anthem Presentation: Payment Accuracy and Program Integrity (Corporate Strategic Sourcing)	ANTM_UHGSUB_00000363- ANTM_UHGSUB_00000363

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DX-033		Anthem - Transparency in Coverage Regulation and Consolidated Appropriations Act - External FAQs for Fully Insured and ASO including Anthem Balanced Funding (ABF)	ANTM_UHGSUB_00007452- ANTM_UHGSUB_00007469
DX-034		Standard Health Plan Electronic Transaction Services Agreement (v.2018.12.28)	Availity_UHG_000118-Availity_UHG_000134
DX-035	6/1/2020	June 1, 2020 EHNAC Review with Accreditation	Availity_UHG_000139-Availity_UHG_000232
DX-036	4/20/2022	April 20, 2022 email from L. Antunes to Operating COmmittee; Alliance and Account Management re Availity "Reach" (attaching Availity Network Reach Payer Implementation - Read-Only.pptx)	Availity_UHG_000281-Availity_UHG_000301
DX-037		Availity Presentation: Availity Essentials Pro - Built for integration and to optimize your revenue cycle (2022)	Availity_UHG_000309-Availity_UHG_000362
DX-038		Availity Presentation: Essentials Pro - Optimized for Epic customers (2022)	Availity_UHG_000363-Availity_UHG_000415
DX-039	6/1/2022	June 1, 2022 email from S. Brown to E. Putnam (cc S. Brown) re Wellmark Project Documents (attaching Wellmark Milestone Plan Phase 1a b Final.xlsx)	Availity_UHG_000910-Availity_UHG_000912
DX-040		Availity Presentation: Innovation Highlights: The Path Ahead	Availity_UHG_000913-Availity_UHG_000978
DX-041	3/25/2005	Connectivity Vendor Agreement (March 2, 2005)(between Aetna Health Management, LLC and Availity, LLC)	Availity_UHG_000982-Availity_UHG_000995
DX-042	8/9/2019	Amendment No. 14 to the Connectivity Vendor Agreement between Aetna Life Insurance Company and Availity, LLC (effective August 9, 2019)	Availity_UHG_001067-Availity_UHG_001089
DX-043	9/1/2017	First Amended and Restatement Health Plan Master Service Agreement (effective September 1, 2017) (between Availity, LLC and Anthem, Inc.)	Availity_UHG_001518-Availity_UHG_001812
DX-044	1/13/2020	Fourth Amendment to the First Amended and Restated Health Plan Master Services Agreement (effective January 13, 2020) (between Availity, LLC and Anthem, Inc.)	Availity_UHG_002213-Availity_UHG_002230
DX-045	8/1/2020	Amendment No. 5 to the Statement of Work No. 3 (effective August 1, 2020) (between Cigna Corporate Services, LLC and Availity LLC)	Availity_UHG_002526-Availity_UHG_002528
DX-046	1/1/2013	Statement of Work No. 3 (January 1, 2013)(between Cigna Corporate Services, LLC and Availity, LLC)	Availity_UHG_002549-Availity_UHG_002572
DX-047		Health Plan Master Services Agreement (effective December 31, 2019)(between Availity, LLC, and Health Care Service Corporation)	Availity_UHG_002708-Availity_UHG_002731
DX-048	1/1/2020	First Amendment to Health Plan Master Services Agreement (effective January 1, 2020)(between First Availity and Humana, Inc.)	Availity_UHG_002752-Availity_UHG_002765
DX-049	7/27/2021	Second Amendment to Health Plan Master Services Agreement (effective July 27, 2021) (between Availity, LLC and Humana Inc.)	Availity_UHG_002766-Availity_UHG_002769
DX-050	1/1/2020	Health Plan Master Service Agreement (effective January 1, 2020)(between Availity, LLC and Humana Inc.)	Availity_UHG_002781-Availity_UHG_002810
DX-051	2/29/2016	Availity Developer API Production Terms with redacted party	Availity_UHG_002817-Availity_UHG_002837
DX-052	10/21/2017	Availity RealMed Subscription Agreement with redacted party	Availity_UHG_002838-Availity_UHG_002862
DX-053	6/28/2021	Availity Subscription Agreement Amendment with redacted party	Availity_UHG_002863-Availity_UHG_002869
DX-054	4/7/2022	Availity Master Trading Partner Agreement with redacted party	Availity_UHG_002891-Availity_UHG_002917
DX-055	11/28/2016	Availity Master Trading Partner Agreement with redacted party	Availity_UHG_002930-Availity_UHG_002958
DX-056	2/10/2022	February 10, 2022 Letter from S. Razi to Hon. J. Kanter re Proposed Merger of UnitedHealth Group and Change Healthcare, DOJ File No. 60-511210-0159	CHC-ATR004-0000000007- CHC-ATR004-0000000014
DX-057	3/2/2022	March 2, 2022 Project Magnum - NMC & Advent Proposal	CHNG- 013928626
DX-058	3/2/2022	March 2, 2022 Project Magnum LOI KKR vF.pdf	CHNG- 013930215
DX-059	3/2/2022	March 2, 2022 Bid Letter - Project Magnum, letter from Dale A. White to Mr. Richard Landgarten	CHNG- 013934917

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DX-060	3/30/2022	March 30, 2022 Project Magnum - NMC Final Bid Letter	CHNG- 013943087
DX-061	4/17/2020	May 13, 2020 Email from M. Peresie to C. O'Neill re Emailing: Partner Sales Medical Network Bootcamp (attaching Partner Sales Medical Network Bootcamp.pptx)	CHNG-000005291
DX-062	9/29/2020	September 29, 2020 CHNG Net Price Scorecard, by Change Healthcare	CHNG-000048603
DX-063	3/19/2019	Change Medical Network AI Predictive Denial Advisor Slide Deck	CHNG-000053781-CHNG-000053795
DX-064	3/18/2019	March 18, 2019 Change Healthcare Presentation: FY20 Marketing Plans Go-To-Market Update: CEO Discussion	CHNG-000078100-CHNG-000078121
DX-065	8/26/2019	August 26, 2019 Waystar Offerings, by Change Healthcare	CHNG-000079113 - CHNG-000079116
DX-066		eRx Network Monthly Business Review - April 2018	CHNG-000490414 - CHNG-000490417
DX-067	5/12/2020	May 12, 2020 Email from L. Courville to C. Klain re Kareo	CHNG-001077125 - CHNG-001077132
DX-068	7/8/2019	July 8, 2019 Email from C. Klain to M. Peresie (cc S. Rose-Belcher, J. Schot, J. Gehring, T. Allen, A. Malec, E. Heuer, H. Wilson, K. Rush, K. Anderson, J. Lloyd, J. Ulam, M. Dawson, M. Mackie, C. Barrett, A. McIntyre, K. Kieffer, R. Rangel, G. Eeds, C. Wiene, T. Osborne, E. Weier, R. Coots, L. Schieltz, L. Castle, G. Jones, D. Aites) re June Real-time Volume Highlights	CHNG-001231787
DX-069	2/28/2019	February 28, 2019 email from D. Maggiotto to M. Peresie, C. Gaines (cc K. Carroll) re IMN	CHNG-001236501
DX-070	6/1/2014	June 2014 ASCX12 Consolidated Guide - Health Care Claim: Professional (837)	CHNG-001393371 - CHNG-001394074
DX-071	10/28/2020	October 28, 2020 Change Healthcare Presentation re RevEx Tech Quarterly Business Review	CHNG-001622687 - CHNG-001622738
DX-072	1/1/2019	January 1, 2019 Change Healthcare Presentation: RCM Software and Analytics: Market Sizing and Analysis	CHNG-001821141-CHNG-001821151
DX-073	5/7/2020	May 7, 2020 Email from Robert Fetterman to R. Capobianco, A. Gonzales, L. Sheehan re Episode Manager Product Viability (attaching Episode Manager - Product Viability.pptx)	CHNG-001871331 - CHNG-005413341
DX-074	2005	2005, Amended and Restated Electronic Network Services Agreement Between Blue Cross and Blue Shield of Massachusetts, Inc. and Envoy Corporation	CHNG-002199936 - CHNG-002200175
DX-075	3/17/2021	FY22 Capital Summit Project Level Detail Final	CHNG-002380949
DX-076	5/12/2020	Spreadsheet containing Acronyms, Glossary, CMS Acronmy List, and Transaction Codes	CHNG-002470210
DX-077	1/1/2017	January 1, 2017 Master Service Agreement (Comprehensive)	CHNG-002548803 - CHNG-002548885
DX-078	6/18/2019	June 18, 2019 calendar invitation from K. Mitchell (cc K. Mao, A. McIntyre) re July BOD prep - review of draft Medical Network materials (attaching Change Healthcare BOD Template_Medical Network.v14.pptx, Change Healthcare BOD Template_Medical Network.v14.pdf)	CHNG-002563930-CHNG-002563977
DX-079	10/16/2019	October 16, 2019 Email from M. Peresie to C. Klain, G. Eeds, and B. Allen re Coverage Discovery Slide (attaching OctoberOperatingReviews_Template_Medical Netork_v4 MP.pptx)	CHNG-002773124
DX-080	11/1/2016	November 2016 KLAS Performance Report: Claims & Clearinghouse 2016 (Large Organizations)	CHNG-003012827
DX-081	2/1/2020	February 2020 Change Healthcare Presentation re Partner Sales GTM Review	CHNG-003147367 - CHNG-003147383
DX-082	3/29/2021	March 2021 Change Healthcare Presentation re Communication Scorecard	CHNG-003561644 - CHNG-003561653

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DX-083	12/17/2019	December 17, 2019 email from L. Chadwick to M. Peresie, V. Stefano, J. Doyle, J. Leonard (cc D. Maggiotto, D. Fezenko, F. Prellwitz) re **URGENT** Horizon Pushback on EDI and INSIGHT	CHNG-003761721-CHNG-003761725
DX-084	6/13/2019	June 13, 2019 Change Healthcare Presentation re Network Value Campaign - Objective Handling	CHNG-003801432 - CHNG-003801476
DX-085	6/11/2019	June 11, 2019 email from M. Peresie to J. Mack, K. Mao, X. Michelot, K. Joshi, C. Pols re Medical Network Discussion RE: BOD Materials (attaching BOD Special Topics - Medical Network.pptx)	CHNG-003823709-CHNG-003823741
DX-086	10/1/2020	October 2020 Change Healthcare Presentation re Medical Network: Monthly Business Review	CHNG-003826444 - CHNG-003826464
DX-087	3/25/2021	March 25, 2021 Revex Tech & Decision Support Monthly Business Review, by Change Healthcare	CHNG-004495458 - CHNG-004495554
DX-088	2/17/2021	February 2021 Change Healthcare Presentation re Medical Network: Quarterly Business Review	CHNG-004808421 - CHNG-004808442
DX-089	9/1/2020	September 2020 Change Healthcare Presentation re Medical Network: Monthly Business Review	CHNG-004872078 - CHNG-004872091
DX-090	3/31/2021	March 31, 2021 email from M. Denison to A. Burra, S. Gopalkrishnan re FW: Concerto follow-up	CHNG-004931734-CHNG-004931737
DX-091	2/23/2021	February 23, 2021 Revex Tech & Decision Support Monthly Business Review	CHNG-005088022 - CHNG-005088094
DX-092	1/1/2019	January 2019 Change Healthcare Presentation re Medical Network: Monthly Business Review	CHNG-005258914 - CHNG-005258943
DX-093	10/17/2013	October 17, 2013 Business Associate Addendum Health Insurance Portability and Acvcountability Act (HIPAA)	CHNG-005357264 - CHNG-005357272
DX-094	1/23/2019	January 23, 2019 Email from Patrick Carroll to M. Peresie cc R. Reddick, P. Tamulonis re Anthem Amerigroup Amendment Dec 2018 (attaching CHC Agreement amending certain Anthem Agreements Jan 2019.pdf)	CHNG-005413715
DX-095	10/15/2020	October 15, 2021 Email from Robert Wadsworth to Mike Peresie (cc: N. Farhat, P. Sariago, K. Bombash, C. Long, J. Murphy, J. Lopresti, R. Geyer) re CHC Migration Agreement (attaching Payer Migration Agreement)	CHNG-005418565
DX-096	6/27/2019	Letter amendment to Managed Care Transaction Agreement, dated January 1, 1999, and the Second Amended and Restated Managed Care Transaction Agreement, dated August 1, 2004, between Change Healthcare Solutions, LLC and EmblemHealth Services Company, LLC	CHNG-005427597 - CHNG-005427597
DX-097	6/28/2019	June 28, 2019 email from M. Peresie to N. de Crescenzo, F. Eliasson, K. Joshi (cc K. Mao, C. Pols, A. McIntyre) re Latest Draft BOD Deck _ Medical Network (attaching Change Healthcare BOD Template_Medical Network.v18.pptx, Change Healthcare BOD Template_Medical Network.v18.pdf)	CHNG-005427611-CHNG-005427654
DX-098	3/17/2021	March 17, 2021 Amendment to Business Associate Agreement	CHNG-005431367
DX-099	6/2/2014	June 2, 2014 Master Services Agreement	CHNG-005825974 - CHNG-005826109
DX-100	8/1/2020	August 2020 Change Healthcare Presentation re Medical Network: Quarterly Business Review	CHNG-005930778
DX-101	12/10/2020	December 10, 2020 Email from M. Kelly to S. Kosaraju, K. Kramer, C. Elliott (cc L. Anderson, M. Olson, M. Moore, D. Shpilsky, S. Fontenot) re Front-End Deficiency-Driven Net New Sales Losses & Attrition (attaching Attrition Report for Sid.xlsx)	CHNG-005992822 - CHNG-005992824

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-102	9/14/2017	October 2017 Change Healthcare Presentation re Network Solutions, prepared by K. Joshi, EVP	CHNG-006077197 - CHNG-006077253
DX-103	3/9/2018	March 2018 Change Healthcare Presentation re Med Network Topic: KJ Team Meeting	CHNG-006091195 - CHNG-006091200
DX-104	3/12/2021	March 12, 2021 Network Solutions FY22 Plan Capital Spend Summary, by Change Healthcare	CHNG-006258991 - CHNG-006258993
DX-105	2/3/2020	February 3, 2020 Email from M. Peresie to S. Arrogante re Allcare/Mid Rogue - Notice of Termination	CHNG-006431186 - CHNG-006431189
DX-106	10/8/2020	Payer Migration Agreement	CHNG-006448670
DX-107	11/29/2016	Change Healthcare Slides re Three Distinct Types of Submitter Attrition Impacting Medical Network	CHNG-007069570 - CHNG-007069583
DX-108	1/28/2021	January 2021 Change Healthcare Presentation re Medical Network: Quarterly Business Review	CHNG-007114069 - CHNG-007114085
DX-109	7/30/2021	July 30, 2021 Change Healthcare Presentation: Operational Effectiveness: Payer Segment Marketing Plan	CHNG-008201892-CHNG-008201970
DX-110	11/17/2020	November 17, 2020 Change Healthcare Presentation: Enterprise Metrics Update: Monthly ELT Meeting	CHNG-008255777-CHNG-008255792
DX-111	4/16/2021	April 16, 2021 Revenue Cycle Analytics & AI Ready to Build Stage Gate, by Change Healthcare	CHNG-008670760
DX-112	5/20/2020	University of KY Foundation (KMSF) Assurance-Acuity Suite & Payment Automation Loss Learning, prepared by J. Brooks	CHNG-009350501 - CHNG-009350503
DX-113	12/20/2017	December 20, 2017 Payer Agreement between HM Health Solutions Inc. and CHC	CHNG-009640975 - CHNG-009640994
DX-114	1/1/2021	January, 2021 Strategic Use of Training to Drive Culture and Compliance, by Change Healthcare	CHNG-009694967
DX-115	3/30/2021	March 30, 2021 Email from Ryan Terrette to C. Prevost, A. Larsson, E. Cooper, M. Lenhardt, D. Elliot cc C. Wukitch, R. Miller, M. Haren re Project Magnum - Transaction Perimeter Discussion	CHNG-009697461
DX-116	3/30/2011	March 30, 2011 Amendment to Business Associate Agreements and All Other Contracts Containing Embedded Business Associate Provisions as stated in a Health Insurance Portability and Accountability Act Section between Independent Contractor, Blue Cross and Blue Shield of Michigan and Blue Care Network of Michigan	CHNG-010048609 - CHNG-010048625
DX-117		Business Associate Agreement	CHNG-010050581 - CHNG-010050590
DX-118	8/1/2021	August, 2021 RCM Tech Quarterly Business Review, by Change Healthcare	CHNG-010449243
DX-119	6/18/2021	June 18, 2021 Email from S. Linares to M. Peresie re Medical Network At-Risk Call	CHNG-010774944 - CHNG-010774947
DX-120	8/16/2021	August 16, 2021 Email from C. O'Neill to M. Peresie, C. Klain (ccL. Courville) re Kareo pricing (attaching Kareo Volume through April 2021.xlsx; Kareo - Basic Model (version 1) CO edits.xlsx)	CHNG-010803170 - CHNG-010803171
DX-121		Data Solutions Use Case Deeper Dive	CHNG-010940068-CHNG-010940087
DX-122		Artificial Intelligence in Health Care written by Mathey, Israni, Ahmed, and Whicher	CHNG-010980105-CHNG-010980373
DX-123	10/7/2019	October 7, 2019 Email from Tim Suther to R. O'Reilly, M. Tatsch, A. Calhoun, R. Taylor-Smith, J. Gregitis cc C. Carlson, E. Persinger re Envision - Data Rights, Need Approval	CHNG-010982184 - CHNG-010982191

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DX-124	1/24/2022	January 24, 2022 Magnum Divestiture Perimeter, by Change Healthcare	CHNG-011237976
DX-125	11/18/2021	November 18, 2021 Email from Patrick Leonpacher to N. Raup, M. Peresie, P. Drewry cc D. Franklin re (fwd external email) OptumCare Paper Payments	CHNG-011359804 - CHNG-011359812
DX-126	12/9/2021	December 9, 2021 Email from Chris Lance to S. Kim, D. Hankins cc C. Wukitch re Portfolio Review Deliverable Discussion (attaching NFM Solution Areas - PA -120921.pptx)	CHNG-011371526 - CHNG-001371529
DX-127	2/10/2022	February 10, 2022 Advent Internaiotnal Corporation Proposal	CHNG-011371636 - CHNG-011371642
DX-128	2/10/2022	February 10, 2022 Availity LLC Proposal	CHNG-011371643 - CHNG-011371647
DX-129	2/10/2022	February 10, 2022 Carlyle Investment Management LLC Proposal	CHNG-011371648 - CHNG-011371649
DX-130	2/10/2022	February 10, 2022 FP Proposal	CHNG-011371650 - CHNG-011371655
DX-131	2/10/2022	February 10, 2022 KKR Proposal to pursue a transaction with ClaimsXten	CHNG-011371656 - CHNG-011371659
DX-132	2/10/2022	February 10, 2022 MultiPlan Corporation Proposal	CHNG-011371660 - CHNG-011371662
DX-133	2/10/2022	February 10, 2022 New Mountain Capital Inc. Proposal	CHNG-011371663 - CHNG-011371668
DX-134	2/10/2022	February 10, 2022 STG Proposal	CHNG-011371669 - CHNG-011371674
DX-135	2/10/2022	February 10, 2022 TPG Proposal (1 Letter)	CHNG-011371675
DX-136	2/10/2022	February 10, 2022 TPG Proposal	CHNG-011371675 - CHNG-011371680
DX-137	8/25/2021	August 25, 2021 Email from Paul Repper to A. Boekholder, K. McGuinness, L. Castle, R. Coots, K. Maurer, J. Lawrence, J. Latronico, L. Coffman, J. Locke, B. Carris, H. Worley, B. Booher re CareSource Actions	CHNG-011448196 - CHNG-011448201
DX-138	9/9/2021	September 9, 2021 Email from K. McGuinness to R. Coots re Availity Migrations - Meeting Requests	CHNG-011476939
DX-139	8/30/2021	August 30, 2021 Email to J. Romans, R. Greenblatt (cc M. Peresie) re Labcorp discussion	CHNG-011559353 - CHNG-011559356
DX-140	2/1/2022	February 1, 2022 Email from Theresa Gregario to Carolyn Wukitch (fw external email) re Change Helathcare Discussion	CHNG-011693892 - CHNG-011693893
DX-141	10/15/2021	October 15, 2021 Email from R. Coots to A. Patel re Ron/Arpit sync	CHNG-011837953 - CHNG-011837957
DX-142	4/22/2020	April 22, 2020 Email from M. Neeley to R. Coots (cc S. Kincaid, S. Pinkston) re CHC - CareSource Migration Planning (attaching CareSource Network Notification - Availity Exclusive EDI Gateway.pdf)	CHNG-011861176 - CHNG-011861177
DX-143	10/1/2021	October, 2021 RCM Tech Quarterly Business Review, by Change Healthcare	CHNG-012024731
DX-144	2/16/2022	February 16, 2022 Team Chat including a link to BS Cal announcement regarding its BSC/Google's real-time settlement product	CHNG-012038152 - CHNG-012038153
DX-145	2/9/2022	February 9, 2022 ClaimsXten Implementation Overview	CHNG-012270124 - CHNG-012270137
DX-146	4/30/2021	April 30, 2021 Email from Ryan Terrette to D. Corti, P. Pardinias cc A. Larsson, D. Elliot, D. Andrews re Magnum IT and R&D Stand-Alone Work (attaching Magnum_Census v8.xlsx)	CHNG-012286416 - CHNG-012286418
DX-147	10/21/2021	October 21 2021 Change Healthcare Presentation re Strategic Partner Account Reviews"	CHNG-012326802 - CHNG-012326869
DX-148	1/1/2022	January 2022 Change Healthcare Presentation re Medical Network: Monthly Business Review	CHNG-012344728
DX-149	12/21/2021	December 21, 2021 Email from Rod O'Reilly to Stephen Ayers re Magnum Bios -- can you give it a look?	CHNG-012482316 - CHNG-012482317

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-150	11/22/2019	November 22, 2019 Email from C. Wiene to K. Mendenhall (cc TTPSSupport@cognizant.com, R. Coots) re Boston Medical Center - EDI Migration to TriZetto Provider Solutions	CHNG-012998610 - CHNG-012998611
DX-151	9/14/2020	September 14, 2020 Email from M. Bishop to R. Coots re How to Keep Availity Payer List Up-to-Date? (attaching CHC Agreement amending certain Anthem Agreements Jan 2019.pdf)	CHNG-012998958 - CHNG-012998963
DX-152	2/21/2021	February 21, 2021 FY2022 Capital Proposal Executive Summary, by Care Cost Estimator API	CHNG-013014642
DX-153	5/1/2021	May 2021 Change Healthcare Presentation re Medical Network: Quarterly Business Review	CHNG-013097539
DX-154	4/1/2020	April, 2020 Competitive Information, by Change Healthcare	CHNG-013178302 - CHNG-013178311
DX-155	8/19/2021	August 19, 2021 Email from Chris Prevost to A. Larsson, C. Wukitch cc R. Terrette re Magnum CIP - to Review with Rod (attaching RE: Magnum Episode Manager Treatment)	CHNG-013492424 - CHNG-013492426
DX-156	10/27/2021	October 27, 2021 chat messages between S. Linares, J. Guckin, S. Everett, T. Wiles, N. Lawrence, A. Desai (attaching chc_marketplace_-_channel_partner_agreement_for_api_09_01_21_.pdf, Partner Overview - Copy.pptx, Partner Overview - Copy.pptx)	CHNG-013500980-CHNG-013501026
DX-157	11/4/2021	Email from Joe Ashkouti re Data Integrity Council	CHNG-013579344
DX-158	10/1/2021	October 2021 Change Healthcare Presentation re Medical Network: Monthly Business Review	CHNG-013617560 - CHNG-013617571
DX-159	11/1/2021	November 2021 Change Healthcare Presentation re Medical Network: Monthly Business Review	CHNG-013800843 - CHNG-013800850
DX-160	11/17/2020	November 17, 2020 Change Healthcare Channel Partner Agreement	CHNG-013849165-CHNG-013849174
DX-161	2/1/2022	February, 2022 Discussion Materials Project Magnum, by Investment Banking Division Global Healthcare Group	CHNG-013928639 - CHNG-013928642
DX-162	3/2/2022	March 2, 2022 Francisco Partners Updated Proposal for Magnum	CHNG-013930261
DX-163	3/2/2022	March 2, 2022 TPG Proposal (2 Letter)	CHNG-013932512
DX-164	3/2/2022	March 2, 2022 Magnum Bid Letter TPG	CHNG-013932512
DX-165	3/1/2022	March, 2022 Discussion Materials Project Magnum, by Investment Banking Division Global Healthcare Group	CHNG-013933181 - CHNG-013933191
DX-166	3/2/2022	March 2, 2022 Magnum - Carlyle Proposal	CHNG-013934176
DX-167	3/30/2022	March 30, 2022 TPG Proposal (3 Letter)	CHNG-013943801
DX-168	5/27/2022	May 27, 2022 Change HealthCare and UnitedHealth Group Letters to Change data solutions customers announcing merger (Reference Material for Summary Exhibit)	CHNG-013945538-CHNG013945773
DX-169	5/27/2022	May 27, 2022 Change HealthCare and UnitedHealth Group Letters to Change customers announcing merger (Reference Material for Summary Exhibit)	CHNG-013945774-CHNG-013945774
DX-170	2/3/2022	February 3, 2022 Email from J. Ashkouti to K. Brandish, M. Trotti (cc S. Houck, P. Miller) re (External Email) Quick Follow up question on confidentiality (attaching Data Rights Presentation - 2019-11-20 (1).pdf)	CHNG-013945788 - CHNG-013945808
DX-171	12/24/2020	December 24, 2020 Maryland Health Care Commission memo from Andrew N. Pollak and Ben Steffen re Electronic Data Interchange - 2019 Activity	CHNG-013945809 - CHNG-013945811
DX-172		Spreadsheet containing XML Inbound and Outbound Data Elements	CHNG-013945812 - CHNG-013945812

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-173		EHNAC Accredited Organizations, https://www.ehnac.org/accredited-organizations/ (last accessed June 29, 2022)	CHNG-013945813 - CHNG-013945828
DX-174		CAQH Core-certified Organizations (Pending and Current), https://www.caqh.org/core/core-certified-organizations-pending-and-current (last accessed June 24, 2022)	CHNG-013945829 - CHNG-013945834
DX-175	6/23/2022	Aetna Electronic Transaction Vendors, https://www.aetna.com/health-care-professionals/claims-payment-reimbursement/electronic-transaction-vendors.html (last accessed June 23, 2022)	CHNG-013945835 - CHNG-013945839
DX-176	6/24/2022	Cigna Electronic Data Interchange Vendors, https://www.cigna.com/health-care-providers/coverage-and-claims/submit-claims/electronic-data-interchange-vendors (last accessed June 24, 2022)	CHNG-013945840 - CHNG-013945845
DX-177		Kaiser Permanente Affiliated Clearing Houses, https://wa-provider.kaiserpermanente.org/static/pdf/provider/billing-claims/clearinghouses.pdf (last accessed June 29, 2022)	CHNG-013945846 - CHNG-013945846
DX-178		Blue Cross Blue Shield Blue Clare Network of Michigan - BCBSM EDI Preferred Software Developers, Service Bureaus and Clearinghouses: Professional, Institutional and Dental 837/835	CHNG-013945847 - CHNG-013945848
DX-179	6/24/2022	Blue Cross Blue Shield of Massachusetts Provider Central - Instructions for Setting up a Direct Connection	CHNG-013945849 - CHNG-013945851
DX-180	6/24/2022	Availity EDI Clearinghouse, https://www.availity.com/edclearinghouse (last accessed June 24, 2022)	CHNG-013945852 - CHNG-013945853
DX-181		Waystar Claim Manager: Get Greater Visibility into Claims + Prevent Denials, https://www.waystar.com/our-platform/claim-management/claim-manager/ (last accessed June 29, 2022)	CHNG-013945854 - CHNG-013945860
DX-182		TriZetto Provider Solutions Clearinghouse Services, https://www.trizettoprovider.com/who-we-serve/payers/clearinghouse (last accessed June 29, 2022)	CHNG-013945861 - CHNG-013945861
DX-183		TriZetto Provider Solutions Claims Processing, https://www.trizettoprovider.com/solutions/claims-management/claims-processing (last accessed June 29, 2022)	CHNG-013945862 - CHNG-013945862
DX-184		Office Ally Clearinghouse, https://cms.officeally.com/Pages/Products/Clearinghouse.aspx (last accessed June 29, 2022)	CHNG-013945863 - CHNG-013945865
DX-185	6/24/2022	Ability Choice Claims Claims Management Software for Healthcare, https://www.abilitynetwork.com/services/all-payer-claims-and-remittance/ (last accessed June 24, 2022)	CHNG-013945866 - CHNG-013945871
DX-186	6/24/2022	The SSI Group Healthcare Claims Clearinghouse Services, https://thessigroup.com/clearinghouse/ (last accessed June 24, 2022)	CHNG-013945872 - CHNG-013945877
DX-187	6/24/2022	Olive and Healthcare IP Clearinghouse, https://oliveai.com/payers/clearinghouse (last accessed June 24, 2022)	CHNG-013945878 - CHNG-013945882
DX-188	8/10/2021	August 10, 2021 Olive Press Release re Olive Enters the Clearinghouse Business	CHNG-013945883 - CHNG-013945887
DX-189		FinThrive Revenue Management Platform, https://finthrive.com/markets/payers (last accessed June 29, 2022)	CHNG-013945888 - CHNG-013945896

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-190		Experian Health Claim Scrubber Software, https://www.experian.com/healthcare/products/claims-management/claim-scrubber (last accessed June 24, 2022)	CHNG-013945897 - CHNG-013945899
DX-191		Experian Health's Health Payer Lists: Connecting Providers to Health Plans, including Real-Time Payer List, Claims and Remits Payer List, Workers' Compensation Payer List, and Authorizations Payer List, https://www.experian.com/healthcare/about/lists-of-healthcare-insurance-payers (last accessed June 24, 2022)	CHNG-013945900 - CHNG-013945901
DX-192	10/6/2021	Spreadsheet containing Claims Monthly - Submitter Name	CHNG-013945902 - CHNG-013945902
DX-193	7/27/2021	July 27, 2021 Product Comparison Summary 2021 re Revenue Cycle - Claims Management - Prodcy Compare, by KLAS	CHNG-013945903 - CHNG-013945949
DX-194	4/17/2020	April 17, 2020 Medical Network Bootcamp: Session #1:Kicking off COVID-19 Time Sensitive Initiatives to Drive Growth and Bring Value to our Partners During this Time	CHNG-013945950 - CHNG-013945986
DX-195	1/29/2020	January 29, 2020 Cigna letter re CMS-9915-P; Transparency in Coverage Proposed Rule	CHNG-013945987 - CHNG-013946002
DX-196	5/13/2021	May 13, 2021 Medical Billing Startup Cedar to Acquire OODA Health for \$425M to tackle Insurance Market	CHNG-013946003 - CHNG-013946009
DX-197	5/13/2021	May 13, 2021 Press Release re Health to Revolutionize the Consumer Financial Experience in Healthcare	CHNG-013946010 - CHNG-013946011
DX-198	4/22/2022	April 22, 2022 Equity Purchase Agreement by and between UNITEDHEALTH Group Incorporated and Color Intermediate, LLC	CHNG-013946012 - CHNG-013946441
DX-199	1/19/2022	January 19 2022, Project Magnum Financial Model	CHNG-013946442 - CHNG-013946442
DX-200	3/31/2022	March 31, 2022 Contract Supplement to the Application Service Provider Agreement (Premera - CHC - CXT - CS 35281.pdf), by Change Healthcare	CHNG-013946443 - CHNG-013946492
DX-201	11/19/2019	November 19, 2019 Automating Claims Adjudication Workflows using Amazon Textract and Maazon Comprehend Medical, by AWS.amazon.com (https://aws.amazon.com/blogs/industries/automating-claims-adjudication-workflows-using-amazon-textract-and-amazon-comprehend-medical/)	CHNG-013946493 - CHNG-013946501
DX-202	10/19/2021	October 19, 2021 Blue Shield of California, Google Cloud to develop real-time claims processing platform, by Anuja Vaidya, Medcitynews (https://medcitynews.com/2021/10/blue-shield-of-california-google-cloud-to-develop-real-time-claims-processing-platform/)	CHNG-013946502 - CHNG-013946505
DX-203	4/8/2019	April 8, 2019 Excess Administrative Costs Burden the U.S. Health Care System, by Emily Gee and Topher Spiro, Center for American Progress (https://www.americanprogress.org/article/excess-administrative-costs-burden-u-s-health-care-system/)	CHNG-013946506 - CHNG-013946520
DX-204	5/25/2012	May 25, 2012 Real-Time Adjudication - Is This the Silver Bullet? by InstaMed (https://www.instamed.com/blog/real-time-adjudication-is-this-the-silver-bullet/)	CHNG-013946521 - CHNG-013946522
DX-205	1/1/2017	January 2017 White Paper: Unveiling the Truth Behind Real-Time Adjudication and the Path to Payment Assurance, by InstaMed (a J.P.Morgan Company) (https://site.instamed.com/l/279102/e-Adjudication-White-Paper-pdf/v67xv)	CHNG-013946523 - CHNG-013946535

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-206	9/12/2006	September 12, 2006 InstaMed All-Payer Real-Time Processing and Pre-Adjudication (https://www.instamed.com/press-releases/instamed-all-payer-real-time-processing-and-preadjudication/)	CHNG-013946536 - CHNG-013946537
DX-207	10/1/2018	October 1, 2018 Tech Startup OODA Working With Insurers Toward Real-Time Claims Payments (https://www.healthleadersmedia.com/finance/tech-startup-ooda-working-insurers-toward-real-time-claims-payments)	CHNG-013946538 - CHNG-013946547
DX-208	1/8/2007	January 8, 2007 Real-time Adjudication is Getting a Long Look (https://www.healthcarefinancenews.com/news/real-time-adjudication-getting-long-look)	CHNG-013946548 - CHNG-013946549
DX-209	4/1/2004	April 1, 2004 U.S. Patent Application, Pub. No: US 2004/0064386 A1	CHNG-013946550 - CHNG-013946567
DX-210	5/27/2020	May 27, 2020 Artificial Intelligence and Machine Learning Compliance Policy by Change Healthcare	CHNG-013946568 - CHNG-013946577
DX-211	12/1/2020	December, 2020 Legal & Compliance Awards Press Release re Change Healthcare Wins 2020 Compliance & Ethics Awards	CHNG-013946578 - CHNG-013946580
DX-212	2/2/2022	February 2, 2022 RTS Competitive Landscape, by Change Healthcare	CHNG-013946581 - CHNG-013946599
DX-213	6/26/2022	HFMA Presentation re Payer-Provider Collaboration	CHNG-013946600 - CHNG-013946622
DX-214		Compilation of signed letters	CHNG-013946623 - CHNG-013956204
DX-215		Epic, Providers and Health Plans Connect to Fast Track Prior Authorization Claims, and Quality Reporting (https://www.epicshare.org/share-and-learn/payer-platform-success-stories)	CHNG-013956205 - CHNG-013956208
DX-216	11/17/2005	November 17, 2005 License Agreement between McKesson Information Solutions LLC and Erlanger Health System, Contract No. C0608300	CHNG-013956209 - CHNG-013956212
DX-217	9/30/2016	RelayHealth Financial Services Agreement No. RFSA201610010314 with Erlanger Health System	CHNG-013956213 - CHNG-013956228
DX-218	9/30/2016	Order Form to RelayHealth Financial Services Agreement No. RFSA201610010314	CHNG-013956229 - CHNG-013956233
DX-219	12/31/2012	RelayHealth Services Agreement with Texas Health Resources, Contract No. RSA135305872	CHNG-013956234 - CHNG-013956257
DX-220		Best in KLAS, Software & Services, 2021 Report	CHNG-013956258 - CHNG-013956486
DX-221	1/18/2019	Agreement by and Among Change Healthcare Solutions, LLC and Anthem, Inc. and Affiliates Amending Identified Agreements	CHNG-013956487 - CHNG-013956490
DX-222	6/29/2022	X12 EDI Examples, (last accessed June 29, 2022) https://x12.org/examples https://x12.org/examples/005010x279 https://x12.org/examples/005010x279/example-1a-generic-request-clinic-patients-subscriber-eligibility https://x12.org/examples/005010x221/example-2-multiple-claims-single-check https://x12.org/examples/005010x221/example-4-claim-adjustment-reason-code-45 https://x12.org/examples/005010x223/example-1a-institutional-claim https://x12.org/examples/005010x222/example-1-commercial-health-insurance	CHNG-013956491 - CHNG-013956497
DX-223	5/6/2022	May 6, 2022 Copy of 1.1 Magnum Census Master List - refreshed	CHNG-013956498 - CHNG-013956498
DX-224	1/1/2022	January 2022 Project Magnum Final CIP	CHNG-013956499 - CHNG-013956563
DX-225	1/19/2016	Payer Agreement between Change Healthcare Solutions, LLC and Oscar Insurance Corporation	CHNG-013956564 - CHNG-013956585

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DX-226	3/21/2022	Solution Order between Change Healthcare Technologies and Oscar Management Corporation	CHNG-013956586 - CHNG-013956622
DX-227	11/30/2015	RelayHealth Business Associate Agreement with Aetna, Inc.	CHNG-013956623 - CHNG-013956630
DX-228	3/8/2019	Business Associate Agreement between Change Healthcare LLC and Texas Health Resources and Texas Health Physicians Group	CHNG-013956631 - CHNG-013956644
DX-229	11/5/2021	November 5, 2021 Email from N. de Crescenzo to H. Lance (cc ExecutiveLeadership@changehealthcare.com, D. Elliott, R. Miller, J. Ashkouti, C. Ratliff) re FW: Introducing the Data Integrity Council (attaching Aiming for truth, fairness, and equity in your company's use of AI_ Federal Trade Commission.pdf; Change Healthcare Data Values.pdf; Data Integrity Council Meeting_FINAL_IO 21 2021.pdf; Data Integrity Council Charter[7].pdf; HBR-A Data Driven Approach to Addressing Racial Disparities in Health Care Outcomes.pdf; Is Ethical A.I. Even Possible_ - The New York Times.pdf; Seven Legal Questions for Data Scientists - O'Reilly.pdf	CHNG-013956645 - CHNG-013956716
DX-230	10/18/2021	Email from Joe Ashkouti re Data Integrity Council	CHNG-013956717 - CHNG-013956751
DX-231	11/11/2014	Business Associate Agreement between Emdeon and MyNexus Inc.	CHNG-013956752 - CHNG-013956755
DX-232		Becker Hospital Review, Olive launches flagship RCM suite	CHNG-013956756 - CHNG-013956756
DX-233	11/17/2005	License Agreement between McKesson and Erlanger Health System	CHNG-013956757 - CHNG-013956760
DX-234		Availity Implementation Timelines	CHNG-013956761 - CHNG-013956761
DX-235		Provider switching list (50 percent of volume)	CHNG-013956762 - CHNG-013959240
DX-236		Provider switching list (80 percent of volume)	CHNG-013959241 - CHNG-013960727
DX-237		Provider switching by percentage claims decline	CHNG-013960728 - CHNG-013960728
DX-238		Top 10 Payers – Change's Data De-Identification Rights	CHNG-013960729 - CHNG-013960729
DX-239		Change's Data De-Identification Rights	CHNG-013960730 - CHNG-013960730
DX-240	1/1/2020	January 2020 Frost & Sullivan Presentation re Assessment of the US Revenue Cycle Management Market, Forecast to 2024	CHNG-DOJ-000000041 - CHNG-DOJ-000000145
DX-241	10/20/2020	October 20, 2020 Greenhill Presentation to Change Healthcare re Discussion Materials	CHNG-DOJ-000000274 - CHNG-DOJ-000000351
DX-242	2020+	Chage Healthcare Enterprise Negotiation Update	CI-LIT-CHNG-00000989
DX-243		Change Healthcare Enterprise Negotiation Update	CI-LIT-CHNG-00000989 - CI-LIT-CHNG-00000990
DX-244	5/11/2022	Cigna Corporation Health Plan Client Data Firewall Policy	CI-LIT-CHNG-00001041
DX-245		Cigna Corporation Health Plan Client Data Firewall Policy	CI-LIT-CHNG-00001041 - CI-LIT-CHNG-00001045
DX-246		Statement of Work No. 2, Credit Balance Services (January 1, 2021)(between Cigna Corporate Services, LLC and OptumInsight, Inc.)	CI-OPTUM-CHNG-00001162-CI-OPTUM-CHNG-00001223
DX-247	1/6/2021	Cigna email RE: Change Healthcare acquisition	CI-OPTUM-CHNG-00003436
DX-248	1/21/2021	January 21, 2021 email from L. Garbee to J. Witte, J. Michelson (cc J. Jacobs) re Enterprise Grouper COE, PACES	CI-OPTUM-CHNG-00003530-CI-OPTUM-CHNG-00003534
DX-249		UnitedHealth Group, Inc. Specification 11 - Top 20 Customers by Relevant Product	CONFIDENTIAL SPEC-11-00000001
DX-250	9/30/2016	RelayHealth Financial Services Agreement (September 30, 2016) (between RelayHealth and Erlanger Health System)	Erlanger000138-Erlanger000165

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-251	1/6/2021	January 6, 2021 email from R. Thomas to Board of Managers (Availity) (cc P. Joiner, F. Mazella, C. Anderson) re {External} Change Optum (attaching Change Business Units Jan 2020.pptx; 210106 Availity Reaction to Change Healthcare Acquisition v2.pptx)	HCSC_UHG_0000006 - HCSC_UHG_0000009
DX-252	1/6/2021	January 6, 2021 Availity Presentation: UnitedHealth nad Change Healthcare - Reaction and impact on strategy	HCSC_UHG_0000010
DX-253		General description medical claims data HV offers	HealthVerity00041-HealthVerity-00052
DX-254		Highmark Presentation: OSCAR Optum Overview, Overview/Training	Highmark_0000002-Highmark_0000018
DX-255	6/30/2020	Highmark ClaimsXten Savings Opportunity Analysis	Highmark_0001074
DX-256		Highmark ClaimsXten Savings Opportunity Analysis	Highmark_0001074 - Highmark_0001088
DX-257		Highmark Presentation: Medicaid Markets EDI Product Selection	Highmark_0001578-Highmark_0001591
DX-258	12/11/2019	Contract Supplement between Change Healthcare Technologies, LLC and Humana, Inc. - Contract Supplement to License Agreement No. 9247, dated March 20, 2004	HUM-DOJ-0000005-HUM-DOJ-0000029
DX-259	3/29/2019	Master Services Agreement(March 29, 2019) (between OptumInsight, Inc. and John Muir Health)	JMH000592-JMH000713
DX-260	3/29/2019	Omnibus Statement of Work (March 29, 2019) (between OptumInsight, Inc. and John Muir Health)	JMH000714-JMH001795
DX-261	9/13/2018	UnitedHealthCare Hospital Services Agreement (effective January 1, 2019)(between UnitedHealthCare of California and John Mui Health)	JMH001796-JMH001850
DX-262	6/20/2019	Provider Participation Agreement Between OptumHealth Care Solutions, LLC and John Muir Health (effective August 1, 2019)	JMH003020-JMH003041
DX-263	8/19/2018	August 19, 2018 - John Muir Health Project 42 - Site Visit Preparation	JMH003058-JMH003085
DX-264		John Muir Health Presentation: John Muir Health and Optum Partnership in review	JMH003086-JMH003101
DX-265	3/27/2019	March 27, 2019 John Muir Health Presentation: P42 Board of Directors	JMH003102-JMH003205
DX-266	7/19/2020	July 19, 2020 John Muir Health Presentation: JMH/Optum Agreement, Summary of Sections Pertinent to Optum Permitted Usses of Data (and PHI) and JMH Data/PHI Protections	JMH004169-JMH004207
DX-267	5/27/2022	May 27, 2022 Letter from N. de Crescenzo (Change Healthcare) to Mount Diablo Medical Center re merger with UnitedHealth Group	JMH004240-JMH004247
DX-268		June 2022 Komodo Presentation: Komodo Health Overview of Data	Komodo0050-Komodo0053
DX-269	7/1/2019	nThrive Clearinghouse migration update [REDACTED]	NTHRIVE-LIT-000074
DX-270		nThrive Clearinghouse migration update [REDACTED]	NTHRIVE-LIT-000074
DX-271		nThrive Clearinghouse migration update [REDACTED]	NTHRIVE-LIT-000078
DX-272	6/1/2019	Presentation [REDACTED]	NTHRIVE-LIT-000079
DX-273		Presentation [REDACTED]	NTHRIVE-LIT-000079 - NTHRIVE-LIT-000091
DX-274	N/A	excel table listing clearinghouses nThrive partners with [REDACTED]	NTHRIVE-LIT-000095
DX-275		excel table listing clearinghouses nThrive partners with [REDACTED]	NTHRIVE-LIT-000095
DX-276	8/1/2013	Business Associate Agreement (effective August 1, 2013) (between AdminisTEP and Office Ally, LLC)	OfficeAlly_000273-OfficeAlly_000283
DX-277	6/11/2014	June 11, 2014 Emdeon Letter to Office Ally re HITECH Business Associate Agreement Update	OfficeAlly_000325-OfficeAlly_000348

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-278	5/1/2019	Fifth Amendment to the Gateway Agreement - GATE0068/UB20068 (May 1, 2019)(between Office Ally, Inc. and Electronic Network Systems, Inc.)	OfficeAlly_000369-OfficeAlly_000387
DX-279	7/5/2013	Electronic Transactions Agreement (July 5, 2013)(between Office Ally, Inc. and Innovative Healthcare Services, Inc.)	OfficeAlly_000440-OfficeAlly_000462
DX-280	4/16/2015	Amendment #9 to Services Trading Agreement (effective April 16, 2015) (between Office Ally, Inc. and MD On-Line, Inc.)	OfficeAlly_000493-OfficeAlly_000493
DX-281	10/16/2015	Amendment #10 to Services Trading Agreement (effective October 16, 2015)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000498-OfficeAlly_000498
DX-282	7/29/2016	Amendment #11 to Services Trading Agreement (effective July 29, 2016)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000499-OfficeAlly_000499
DX-283	6/29/2012	Amendment #1 to Services Trading Agreement (effective June 29, 2012)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000519-OfficeAlly_000519
DX-284	1/9/2014	Amendment #2 to Services Trading Agreement (effective January 9, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000520-OfficeAlly_000520
DX-285	1/13/2014	Amendment #3 to Services Trading Agreement (effective January 13, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000521-OfficeAlly_000521
DX-286	1/17/2014	Amendment #4 to Services Trading Agreement (effective January 17, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000522-OfficeAlly_000522
DX-287	3/31/2014	Amendment #5 to Services Trading Agreement (effective March 31, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000523-OfficeAlly_000523
DX-288	8/19/2014	Amendment #6 to Services Trading Agreement (effective August 19, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000524-OfficeAlly_000524
DX-289	11/17/2014	Amendment #7 to Services Trading Agreement (effective November 17, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000525-OfficeAlly_000525
DX-290	12/3/2014	Amendment #8 to Services Trading Agreement (effective December 3, 2014)(between Office Ally and MD On-Line, Inc.)	OfficeAlly_000526-OfficeAlly_000526
DX-291	11/4/2014	Business Associate Agreement (effective November 4, 2014)(between Office Ally and SSI Claimsne, LLC)	OfficeAlly_000608-OfficeAlly_000613
DX-292	10/1/2021	Business Associate Agreement (effective October 1, 2021)(between Waystar and Office Ally, Inc.)	OfficeAlly_000794-OfficeAlly_000799
DX-293	12/21/2021	Office Ally - Security Policies and Procedures Manual (December 21, 2021)	OfficeAlly_000921-OfficeAlly_001110
DX-294		Centene - Amendment to Product Schedule for Medicaid Risk Adjustment Services	SPEC-18-00000006
DX-295		Centene - Amendment to Product Schedule for Medicaid Risk Adjustment Services	SPEC-18-00000007
DX-296		Centene - Services Agreement	SPEC-18-00000101-SPEC-18-0000125
DX-297		Centene - Amendment to Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00000126-SPEC-18-00000127
DX-298		Centene - Amendment to Impact Software Product Schedule	SPEC-18-00000128-SPEC-18-00000130
DX-299		Aetna - Schedule to Master Business Agreement	SPEC-18-00000176-SPEC-18-00000183
DX-300		Aetna - Schedule to Master Business Agreement	SPEC-18-00000210-SPEC-18-00000217
DX-301		Aetna - Schedule to Master Business Agreement	SPEC-18-00000218-SPEC-18-00000225
DX-302		Aetna - Data Files License Product Schedule	SPEC-18-00000226-SPEC-18-00000229
DX-303		Aetna - Amendment to Schedule to MSLA	SPEC-18-00000230-SPEC-18-00000231
DX-304		Aetna - Amendment to Schedule to MSLA	SPEC-18-00000232-SPEC-18-00000233
DX-305		Aetna - Health Plan Licensing Royalty Model Worksheet	SPEC-18-00000234

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DX-306		Aetna - Amendment to Schedule to MSLA	SPEC-18-00000235-SPEC-18-00000243
DX-307		Aetna - Amendment to Schedule to MSLA	SPEC-18-00000244-SPEC-18-00000252
DX-308		Aetna - Optum Payment Integrity Product and Services Schedule	SPEC-18-00000253-SPEC-18-00000273
DX-309		Aetna - Optum Payment Integrity Product and Services Schedule	SPEC-18-00000274-SPEC-18-00000294
DX-310		Aetna - Amendment to Schedule to MSLA	SPEC-18-00000295-SPEC-18-00000296
DX-311		Aetna - Amendment to Schedule to MSLA	SPEC-18-00000297-SPEC-18-00000298
DX-312		Aetna - Schedule to MSLA	SPEC-18-00000299-SPEC-18-00000321
DX-313		Aetna - Schedule to MSLA	SPEC-18-00000322-SPEC-18-00000344
DX-314		Aetna - MSLA	SPEC-18-00000345-SPEC-18-00000374
DX-315		Aetna - MSLA	SPEC-18-00000375-SPEC-18-00000404
DX-316		Centene - Amendment to Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00000406
DX-317		Anthem - Product Attachment to Prospective Payment Systems Schedule	SPEC-18-00000530-SPEC-18-00000535
DX-318		Anthem - Product Schedule for Medicare Advantage Risk Adjustment Support Services - Inter Plan (Out of Area)	SPEC-18-00000536-SPEC-18-00000607
DX-319		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000608-SPEC-18-00000612
DX-320		Anthem - Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00000613-SPEC-18-00000637
DX-321		Anthem - Product Schedule for Medicaid Risk Adjustment Services	SPEC-18-00000638-SPEC-18-00000657
DX-322		Anthem - SOW for StepWise Agile Implementation	SPEC-18-00000658-SPEC-18-00000677
DX-323		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000678-SPEC-18-00000681
DX-324		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000682-SPEC-18-00000688
DX-325		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000689-SPEC-18-00000698
DX-326		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000699-SPEC-18-00000708
DX-327		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000709-SPEC-18-00000718
DX-328		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000719-SPEC-18-00000724
DX-329		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000725-SPEC-18-00000729
DX-330		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000730-SPEC-18-00000731
DX-331		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000732-SPEC-18-00000734
DX-332		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000735-SPEC-18-00000736
DX-333		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000737-SPEC-18-00000738
DX-334		Anthem - Amendment to Product Schedule for Medicare Advantage Risk Adjustment Support Services - Inter Plan (Out of Area)	SPEC-18-00000739-SPEC-18-00000741

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DX-335		Anthem - Product Attachment to Prospective Payment Systems Schedule	SPEC-18-00000742-SPEC-18-00000750
DX-336		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000751-SPEC-18-00000755
DX-337		Anthem - Amendment to Prospective Risk and Quality and Reporting and Analytic Services Product Schedule	SPEC-18-00000756-SPEC-18-00000762
DX-338		Anthem - Product Schedule for Prospective Risk and Quality and Reporting and Analytic Services	SPEC-18-00000763-SPEC-18-00000854
DX-339		Centene - Amendment to Services Agreement	SPEC-18-00001439-SPEC-18-00001440
DX-340		Centene - Amendment to Services Agreement	SPEC-18-00001441-SPEC-18-00001480
DX-341		Centene - Amendment to Services Agreement	SPEC-18-00001481-SPEC-18-00001482
DX-342		Centene - Amendment to Services Agreement	SPEC-18-00001483-SPEC-18-00001484
DX-343		Centene - Amendment to Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00001485
DX-344		Centene - Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00001486-SPEC-18-00001499
DX-345		Centene - Amendment to Product Schedule for Medicaid Risk Adjustment Services	SPEC-18-00001500
DX-346		Centene - Product Schedule for Medicaid Risk Adjustment Services	SPEC-18-00001501-SPEC-18-00001514
DX-347		Centene - 2020 Optum360 Data Profile Form	SPEC-18-00001515-SPEC-18-00001520
DX-348	6/30/2003	Ingenix, Inc. Master Services and License Agreement (June 30, 2003) (between Ingenix, Inc. and Centene Corporation)	SPEC-18-00001521-SPEC-18-00001530
DX-349		Centene - ASCII Files License Agreement	SPEC-18-00001531-SPEC-18-00001536
DX-350		Centene - Amendment to Product Schedule for Medicaid Risk Adjustment Services	SPEC-18-00001537-SPEC-18-00001540
DX-351		Centene - Amendment to Services Agreement	SPEC-18-00001541-SPEC-18-00001542
DX-352		Centene - Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00001543-SPEC-18-00001552
DX-353		Centene - Amendment to Project Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00001553
DX-354		Centene - Amendment to Project Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00001554-SPEC-18-00001555
DX-355		Centene - Prospective Payment Systems Product Schedule	SPEC-18-00001556-SPEC-18-00001589
DX-356		Centene - Product Attachment to Prospective Payment Systems Product Schedule	SPEC-18-00001590-SPEC-18-00001600
DX-357		Centene - Product Schedule for Affordable Care Act Risk Adjustment Services	SPEC-18-00001601-SPEC-18-00001625
DX-358		Centene - ASCII Files License Agreement Health Plan Worksheet	SPEC-18-00001626
DX-359		Humana - Amendment to Clinical Performance and Compliance Product Schedule	SPEC-18-00001819
DX-360		Humana - Amendment to Clinical Performance and Compliance Product Schedule	SPEC-18-00001820-SPEC-18-00001824
DX-361		Humana - Amendment to Clinical Performance and Compliance Product Schedule	SPEC-18-00001825-SPEC-18-00001826
DX-362		Anthem - StepWise Software Order Schedule	SPEC-18-00001997-SPEC-18-00002006
DX-363		Humana - Florida State Specific Requirements Addendum to MSA	SPEC-18-00002146-SPEC-18-00002149
DX-364		Humana - ASCII Files License Agreement	SPEC-18-00002150-SPEC-18-00002154
DX-365		Humana - Clinical Performance and Compliance Product Schedule	SPEC-18-00002155-SPEC-18-00002173
DX-366		Humana - ASCII Files Product Schedule	SPEC-18-00002174-SPEC-18-00002180
DX-367		Humana - Amendment to ASCII Files License Agreement	SPEC-18-00002181-SPEC-18-00002182
DX-368		Humana - Master Services Agreement	SPEC-18-00002183-SPEC-18-00002197
DX-369		Humana - Florida State Specific Requirements Addendum to MSA	SPEC-18-00002198-SPEC-18-00002201
DX-370		Humana - Master Services and License Agreement	SPEC-18-00002202-SPEC-18-00002208
DX-371		Humana - Amendment to Schedule to MSLA	SPEC-18-00002209

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DX-372		Humana - 2020 Optum360 Data Profile Form	SPEC-18-00002210-SPEC-18-00002215
DX-373		Humana - Health Plan Licensing Royalty Model Worksheet	SPEC-18-00002216
DX-374		Humana - 2021 Optum360 Data Profile Form	SPEC-18-00002217-SPEC-18-00002222
DX-375		Humana - Quote	SPEC-18-00002223-SPEC-18-00002225
DX-376		Humana - Amendment to Clinical Performance and Compliance Product Schedule	SPEC-18-00002226-SPEC-18-00002227
DX-377		Humana - Claims Editing System Services Schedule	SPEC-18-00002228-SPEC-18-00002241
DX-378		Humana - Product Schedule for Medicare Advantage Risk Adjustment Services	SPEC-18-00002242-SPEC-18-00002261
DX-379		Humana - Amendment to Clinical Performance and Compliance Product Schedule	SPEC-18-00002262-SPEC-18-00002263
DX-380		Humana - Amendment to Clinical Performance and Compliance Product Schedule	SPEC-18-00002264-SPEC-18-00002269
DX-381		Humana - Health Plan Licensing Royalty Model Worksheet	SPEC-18-00002270
DX-382		Humana - Standard Purchase Order	SPEC-18-00003411-SPEC-18-00003420
DX-383		Humana - Standard Purchase Order	SPEC-18-00003421-SPEC-18-00003433
DX-384		Anthem - ASCII Files Product Schedule	SPEC-18-00003504-SPEC-18-00003507
DX-385		Anthem - Master License and Services Agreement	SPEC-18-00004065-SPEC-18-00004129
DX-386		Optum Presentation: Optum Clinical Decision Support (CDS) Platform	SPEC-40-00000001-SPEC-40-00000025
DX-387		September 2020 FT Partners & QED Investors Presentation: Healthcare Payments - Consumerization and Digitization Create a Massive FinTech Opportunity	SPEC-40-00000026-SPEC-40-00000311
DX-388		Project Cambridge Quantified Savings to Commercial Customers and UHC/Optum	SPEC-40-00000312-SPEC-40-00000312
DX-389	7/1/2021	July 2021 Draft - Project Cambridge - Synergy & Dissynergy Summary	SPEC-40-00000313-SPEC-40-00000336
DX-390		Optum Pay Metrics YOY Summary	SPEC-40-00000337-SPEC-40-00000337
DX-391		UnitedHealth Group: Equian 2021 Lookback Support	SPEC-40-00000338-SPEC-40-00000340
DX-392		CONFIDENTIAL_SPEC-TA-00000004.xlsx	SPEC-TA-0000000004
DX-393		CONFIDENTIAL_SPEC-TA-00000034.xlsx	SPEC-TA-0000000034
DX-394	2/1/2022	February 2022 TPG/BAIN & Company Report - Projct Color - Compendium	TPG_SUBPOENA00000099- TPG_SUBPOENA00000237
DX-395	4/23/2022	April 23, 2022 Email from P. Hackwell to J. Rhodes, N. Raj re Fwd: Project Color (ClaimsXten) Signing Announcement	TPG_SUBPOENA00000625- TPG_SUBPOENA00000626
DX-396	2/5/2022	February 5, 2022 email from A. Heidrich to J. Hasan (cc A. Zahl, H. Lu) re Project Color - Ops Carveout/Standup Draft Assessment (attaching image002.jpg;image002.jpg;Project Color_ODD_2022_0204vF.pdf;Project Color_ODD_2022_0204vF.pptx)	TPG_SUBPOENA00007674- TPG_SUBPOENA00007691
DX-397	12/31/2021	December 31, 2021 Annual Financial Report for TPG Partners VIII LP.	TPG_SUBPOENA00019047- TPG_SUBPOENA00019099
DX-398	3/29/2022	March 29, 2022 email from H. Lu to A. Zahl re if easy to send me the excel can you for Quarterlies? (attaching Project_Color_Model_v212.xlsx)	TPG_SUBPOENA00032551- TPG_SUBPOENA00032552
DX-399	2/11/2022	February 12, 2022 email from N. Raj to A. Zahl (cc J. Rhodes, K. Wood, J. Hasan, A. Heidrich, R. Roley, T. Stec, H. Lu) re Color Bain Update (attaching 2022.02.12 Bain Week 3 Call Notes.pdf; 220211_Project_Color_Week 3 Update_vSend.pdf)	TPG_SUBPOENA00033238- TPG_SUBPOENA00033371
DX-400	3/2/2022	March 2, 2022 email from H. Lu to A. Zahl re Color Valuation Materials (attaching 2022.03.01 Color IRC Pricing Financial Section.pdf)	TPG_SUBPOENA00033923- TPG_SUBPOENA00033941
DX-401	3/2/2022	March 2, 2022 email from H. Lu to A. Zahl (cc T. Stec) re Color Lender Pres (attaching Project Color Lender Presentation v31.pptx;Project Color Lender Presentation vF.pdf)	TPG_SUBPOENA00037140- TPG_SUBPOENA00037154

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DX-402	3/27/2022	March 27, 2022 email from J. Rhodes to A. Heidrich re Color Pricing IRC (attaching Project Color IRC Pricing (2022.02.28).pdf)	TPG_SUBPOENA00063054-TPG_SUBPOENA00063093
DX-403	2/11/2022	February 11, 2022 email from A. Zahl to K. Wood re Color Bid Letter Draft (attaching Magnum TPG Case Studies.pdf)	TPG_SUBPOENA00190998-TPG_SUBPOENA00191003
DX-404		Increasing Investments for Long-Term Growth	TPG_SUBPOENA00191002-TPG_SUBPOENA00191003
DX-405	8/11/2014	August 11, 2014 HIPAA Business Associate Agreement between TransUnion LLC and Passport Health Communications, Inc.	TRANSUNION-00000636-TRANSUNION-00000639
DX-406	5/1/2020	4(d)-9 - Memorandum from Clay Rudolph to Dave Wichmann, John Rex (CC Rich Mattera, Dan Schumacher, Robert Musslewhite, Ben Goodman, Rick Hardy, Steve Yurjevich, Kurt Adams, Tim Wicks, Travis Winkey, Chris Hasslinger) re Change Healthcare Follow Ups	UHG Item 4(d)-9
DX-407	3/23/2021	March 23, 2021 email from C. Celk to A. Barclay re BSC	UHG-2R-0000011604
DX-408	1/14/2019	January 14, 2019 email from T. Diamon to B. Severin, M. Becker (cc S. Diederich, B. Davis, P. Boroditsch) re UHC Medical Record Review (MRR) RFP - Approval Needed	UHG-2R-0000084602-UHG-2R-0000084603
DX-409	12/28/2019	December 28, 2019 email from B. Davis to B. Goodman, B. Severin re RQNS UHC Pricing Model	UHG-2R-0000098091-UHG-2R-0000098092
DX-410	2/24/2020	February 24, 2020 email from E. Haseman to B. Davis (cc P. Boroditsch, B. Severin) re RQS Operations Efficiency Plan - Status Updated 2/24 (attaching OI Leadership Briefing RQS Ops Efficiency Plan Update 20200224.pdf)	UHG-2R-0000101646-UHG-2R-0000101659
DX-411	4/4/2020	April 4, 2020 email from B. Severin to R. Hardy (cc B. Goodman, B. Davis) re OptumInsight UHC Bid Support Update	UHG-2R-0000105351-UHG-2R-0000105352
DX-412	5/22/2020	May 22, 2020 email from E. Schmuker to D. Benton, P. Emerson, P. Farazi, J. Maack, S. Yurjevich re Frictionless update May 22 (attaching Frictionless Status Update May 22.pptx)	UHG-2R-0000109758-UHG-2R-0000109782
DX-413	10/19/2020	October 19, 2020 email from S. Yurjevich to B. Davis (cc J. Edwards) re 2021 Payer Growth Discussion (attaching 2021 Payer Growth Discussion.pptx)	UHG-2R-0000122659-UHG-2R-0000122684
DX-414	2/12/2021	February 12, 2021 email from J. Lazarus to B. Davis (cc C. Caldwell, I. Lockwood, S. Tortolani, M. Tucholke, S. Morelli) re PI Vendor outreach discussion (attaching Biz Dev Payer Market Opportunities February 2021.pptx)	UHG-2R-0000129584-UHG-2R-0000129587
DX-415	3/5/2019	March 5, 2019 email from P. McKinney to T. Gustin, P. Emerson, S. Iverson, V. Patalano, R. Murphy re EDI Overview (attaching Optum EDI Aggregator Summary 3_5_2019.docx)	UHG-2R-0000142587-UHG-2R-0000142590
DX-416	2/4/2021	February 4, 2021 Email from A. Warren to E. Schmuker, S. Yurjevich, V. Bhatt, P. Farazi, J. Maack, T. Diamond, P. Emerson, T. Gustin (cc A. Warren) re Frictionless Governance Agenda 2/5/21 (attaching Frictionless Claims Update 20210204.pptx;NCC Status update 2.4.2021 for Frictionless Governance .pptx)	UHG-2R-0000204759-UHG-2R-0000204770
DX-417	7/27/2019	July 27, 2021 email from T. Gustin to N. Linder re FW: New 360 Placemat (attaching Optum PLacemats2019_V4 (4))	UHG-2R-0000243456 - UHG-2R-0000243458
DX-418	3/15/2020	March 15, 2020 email from C. Rudolph to C. Hasslinger, S. Narayanan, S. Yurjevich (cc B. Goodman) re Cambridge Executive Summary (attaching Project Cambridge - Executive Summary (3.15.20).pdf, Project Cambridge - Executive Summary (3.15.20).xlsx)	UHG-2R-0000326146-UHG-2R-0000326151

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DX-419	4/27/2020	April 27, 2020 Email from P. McKinney to C. Hasslinger re FW : Project Cambridge Data Discussion (12pm Central) (attaching Optum EDI Aggregator Summary V3 4 27 2020.docx)	UHG-2R-0000329183-UHG-2R-0000329189
DX-420	9/3/2019	September 3, 2019 Email from A. Witty to J. Prince, W. Decker, R. Musselwhite, E. Murphy, T. Wicks, D. Schumacher, E. McSweeney, R. Hardy, L. Stockstad, J. Santelli, K. Ulfers, G. Verstandig re Optum	UHG-2R-0000359423-UHG-2R-0000359424
DX-421	1/9/2020	January 9, 2020 email from C. Rudolph to R. Musslewhite, J. Maack, S. Narayann re Quick note based on text exchange with Robert re: Wichmann conversations	UHG-2R-0000366664 - UHG-2R-0000366665
DX-422	9/15/2020	September 15, 2020 email from N. Howell to C. Knight, R. Musslewhite, C. Pass re For discussion tomorrow (attaching CEO discussion 09162020 v1.pptx)	UHG-2R-0000398241-UHG-2R-0000398242
DX-423	12/13/2020	December 13, 2020 email from C. Rudolph to R. Musslewhite, S. Yurjevich, D. Schumacher, J. Benson, B. Goodman, D. McMahon, J. Putnam, E. Lagerstrom, S. Kumar re Project Cambridge Value Creation opportunities (attaching Project Cambridge - Transparent Network Commentary - (12.13.20).pdf; Project Cambridge - Transparent Network - UHC - (12.13.20).pdf)	UHG-2R-0000406667-UHG-2R-0000406670
DX-424	1/6/2021	January 6, 2021 email from R. Musselwhite to E. Schmuker (cc R. Murphy) re Frictionless pilots	UHG-2R-0000408026-UHG-2R-0000408026
DX-425	8/25/2020	August 25, 2020 email from K. DeWolf to P. Martin, E. Quinn (cc T. Ganeshan) re Aetna EDC Analyzer - O360 Board Review (attaching Aetna EDC_Exec Summary.xlsx)	UHG-2R-0000883127-UHG-2R-0000883129
DX-426	1/15/2021	January 15, 2021 email from H. Shawn to P. Higday, J. Lewis, R. Dale, R. Hardy, O. Baker, V. Paunovich, P. Miller (cc H. Shawn, E. King, E. Walker, A. Chasin, Q. Dang, J. Kontor, A. Povlishock) re Investment COunsil Materials (attaching 2021-01 Multipayer POC IC materials vF.pptx)	UHG-2R-0001014019-UHG-2R-0001014027
DX-427	4/26/2021	April 26, 2021 email from D. McMahon to R. Hardy re FW: EPP InterQual POCA differentiation 4-26-2021 Final (attaching EPP InterQual POCA differentiation 4-26-2021 Final.docx; EPP InterQual POCA differentiation 4-26-2021 Final.pdf)	UHG-2R-0001018725-UHG-2R-0001018735
DX-428	1/28/2020	February 14, 2020 email from G. Bhatnagar to J. Morrissey (cc P. McKinney, S. Groh) re Direct Payers - January 2020 (attaching Optum Direct Payers - 2019.xlsx)	UHG-2R-0001161753-UHG-2R-0001161753
DX-429	5/12/2021	May 12, 2021 email from C. Rudolph to S. Yurjevich, E. Schmuker, V. Bhatt (cc O. Sayeed, R. Mayer, W. Parrish, A. Gillis, C. Douglas, C. Edman) re Big news - Transparent Network Claims is going multi payer!	UHG-2R-0001423105-UHG-2R-0001423105
DX-430	4/29/2020	Cambridge Data Opprtunity Mapping excel	UHG-2R-0001427179-UHG-2R-0001427179
DX-431	9/9/2020	September 9, 2020 email from C. Smolky to A. Merrill, T. Diamond, D. James, V. Lindsay, B. Severin, L. Wilke re Payer August L.E.G.O. Summary	UHG-2R-0001508576-UHG-2R-0001508579
DX-432	12/27/2020	December 27, 2020 email from D. Wichmann to J. Rex re Few Suggestions to draft	UHG-2R-0001719469-UHG-2R-0001719473
DX-433	9/26/2019	September 26, 2019 email from A. Witty to T. Wicks, D. Schumacher re 2019 Estimates	UHG-2R-0001796069-UHG-2R-0001796071
DX-434	10/7/2019	October 7, 2019 email from D. Schumacher to J. Dagel re Sending not 7. Data and analytics Strategy.pdf (attaching 7. Data and Analytics Strategy.pdf)	UHG-2R-0001796850-UHG-2R-0001796865
DX-435	4/30/2021	April 30, 2021 email from P. Conway to D .Schumacher, E. McSweeney re regional payer (attaching Regional Payer Strategy_043021_Final.pdf)	UHG-2R-0001825171-UHG-2R-0001825175
DX-436	1/7/2021	January 7, 2021 email from S. Yurjevich to D. Wichmann re Cambridge Comms packet	UHG-2R-0002586058-UHG-2R-0002586060

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DX-437	6/28/2020	Enterprise Growth Initiatives 06282020.xlsx	UHG-2R-0002589315
DX-438	12/1/2020	December 1, 2020 email from K. Leonard to T. Wicks, K. Adams, J. Meyerhofer, P. Leary, S. Grieco, R. Feuerman, A. Cardwell, K. Cogle, J. Christensen, T. Lowe, G. Payne, M. Ott re 12/2 Executive Steering Optum Financial and ConnectYourCare Integration (attaching ConnectYourCare Executive Steering 12022020 Final.pdf, ConnectYourCare Executive Steering 12022020 Final.pptx)	UHG-2R-0002592723-UHG-2R-0002592739
DX-439	4/26/2021	April 26, 2011 Email from C. Celka to S. Griffiths, A. Barclay, T. Kaslow re COPY - 210423 AI Use Cases.pptx (attaching 21043 AI Use Cases - celka.pptx)	UHG-2R-0002613373-UHG-2R-0002613385
DX-440	7/24/2019	July 24, 2019 email from H. Lane on behalf of E. Murphy to R. Hardy, B. Davis, L. Valenta, M. Morris, P. Bleicher, R. Musslewhite, R. Mercer, R. Bernard, K. Edson, M. Mann, E. Soderberg, L. Erickson, G. Holliday, S. Machacek, M. Miller, M. Travaglini, K. Wee, W. Corbett, J. Grimm (cc S. Yurjevich) re Confidential Preview: Optum Payment Integrity Welcome Equian	UHG-2R-0002719757-UHG-2R-0002719758
DX-441	9/25/2019	September 25, 2019 email from R. Mercer to R. Musslewhite, S. Yurjevich, C. Medeiros, M. Morris, A. Stout, L. Valenta, L. Erickson, M. Mann, C. Hasslinger, J. Maack, S. Arthur, B. Edson, B. Goodman, R. Bernard, B. Davis, C. Rudolph, S. Narayanan (cc L. Bambeck, R. Mercer, A. Rai) re IMPORTANT Pre-read for 10/1 OptumInsight Leadership Meeting (attaching OptumInsight Leadership and Extended Team Strategy Session 100119 Agenda.docx, 2020 Annual Business Plan_OI 2019-Aug-1 - Incl Equian FINAL.pdf, 2019 Long Range Plan - OptumInsight Business Services 4.30.19 UHG FINAL Submitted.pdf, OI Portfolio Overview July 2019.pdf, 20190925 OI Strategy - Pre-read Document DRAFT vS (Updated).pdf, Pre-read - Article - How to create a real hockey stick strategy.pdf)	UHG-2R-0002723941-UHG-2R-0002724023
DX-442	1/2/2020	January 2, 2020 email from B. Severin to B. Davis, J. Bird, D. James, P. Boroditsch, K. Kandula, J. Colhour, S. Diederich, E. Haseman re DRAFT: Outline for Retro Risk Adj AI Strategy and Overall Roadmap (attaching DRAFT Retrospective Business Strategy & Roadmap 12.31.2019 v4.pptx)	UHG-2R-0002729244-UHG-2R-0002729262
DX-443	4/29/2021	January 1, 2019 Schedule No. 002 to the Master Business Agreement between Aetna Life Insurance Company and Equian, LLC	UHG-2R-0002948178-UHG-2R-0002948185
DX-444	10/17/2019	October 17, 2019 email from P. Farazi to S. Yurjevich, J. Maack, E. Schuker (cc S. Arthur) re Mega Customers Strategy - Tactical Next Steps (attaching Mega Payer Customer Data 10 17 19.xlsx)	UHG-2R-0002973210 - UHG-2R-0002973212
DX-445	11/11/2019	November 15, 2019 email from J. Maack to P. Farazi re Some light reading (attaching Robert on Cambridge - 11 13.docx;Cambridge Opportunity Presentation (10.06.19).pdf;Project Cambridge - Company Profile - (10.04.2019).pdf;20191111 Perspectives on Cambridge vShare.pptx;OI Strategy - Nov 5 Pre-read for Working Session vSENT.pdf)	UHG-2R-0002976342-UHG-2R-0002976490
DX-446	4/5/2021	April 5, 2021 email from M. Kriofsky to P. Farazi re FW: CHC Integration workstreams (attaching CHNG slides for discovery meetings - Data Solutions.pdf;Life Sciences Overview_Cambridge Market Update_vLEGAL REVIEW.pptx;030421 Cambridge LS Data Working Session Notes.docx)	UHG-2R-0003048920-UHG-2R-0003048955
DX-447	7/21/2019	July 21, 2019 email from R. Murphy to T. Gustin re FW: Brief on EDI Market (attaching EDI-MGD+190717 Corporate Strategy_EDI Discusssion v1.pptx)	UHG-2R-0003101788-UHG-2R-0003101809

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-448	7/22/2019	July 22, 2019 email from R. Murphy to C. Hasslinger, T. Gustin re nThrive and Experian (attaching Blueframe Intelligence - Clearinghouse.pdf, E2E RCM Competitor Intelligence Final July 19 2018.pptx)	UHG-2R-0003102034-UHG-2R-0003102235
DX-449	2/14/2020	February 14, 2020 email from S. Iverson to T. Gustin, V. Patalano, V. Jackson, P. McKinney, A. Gillis re Cambridge (attaching 180813 Strategic Evaluation of Change Healthcare - Draft vSent.pptx, 190717 Corporate Strategy EDI Discusstion v1.pptx, Change Healthcare Clearinghouse Competitor Playbook Oct 2018_updated July2019.xlsx, Project Cambridge - Company Profile - (10.04.2019).pdf, Cambridge Opportunity Presentation (10.06.19).pdf, Project Cambridge - Revenue Growth Sensitivity Analysis - (11 14 19).xlsx, 20191111 Perspectives on Cambridge vShare.pptx, OI Strategy - Nov 5 Pre-read for Working Session vSENT.pdf, Robert on Cambridge - 11 13.docx)	UHG-2R-0003128138-UHG-2R-0003128329
DX-450	4/24/2020	April 24, 2020 Email from C. Hasslinger to T. Gustin re EDI (attaching Project Cambridge - Update Presentation (4.21.20).pdf; Project Cambridge - Executive Briefing Materials - (4.21.2020).pdf)	UHG-2R-0003133888-UHG-2R-0003133916
DX-451	4/27/2020	April 27, 2020 Email from T. Gustin to C. Hasslinger re FW: Project Cambridge Data Discussion (12pm Central) (attaching Claim Data.docx; 8371_X12_crossWalk.docx; 837P_X12_CrossWalk.docx)	UHG-2R-0003134277-UHG-2R-0003134332
DX-452	10/6/2019	October 6, 2019 email from C. Hasslinger to A. Witty, D. Schumacher, R. Musslewhite, S. Arthur, S. Yurjevich, R. Hardy, C. Rudolph, K. Adams, B. Goodman, T. Winkey, R. Mercer (cc S. Pouliot, A. Gubbay, J. Dagel, L. Bambeck) re Connect on Change Healthcare (attaching Cambridge Opportunity Presentation (10.06.19).pdf;Project Cambridge - Company Profile - (10.04.2019).pdf)	UHG-2R-0003219392-UHG-2R-0003219415
DX-453	1/6/2020	January 2020 Draft - Project Cambridge - EDI Data Rights Summary	UHG-2R-0003234960-UHG-2R-0003234960
DX-454	2/9/2020	February 9, 2020 email from C. Rudolph to C. Hasslinger re FW: Updated deck for Travis (attaching Project Cambridge Appendix Feb032020.pdf;20200208 - Cambridge Walkaround Deck - vSHARE - Read-Only.pdf;Synergies.pptx)	UHG-2R-0003240852-UHG-2R-0003240899
DX-455	4/6/2020	April 6, 2020 Email from C. Rudolph to A. Witty, D. Schumacher, T. Wicks (cc S. Pouliot, A. Gubbay, L. Bambeck, A. Sokoloski, R. Musslewhite, B. Goodman, J. Meyerhofer, T. Winkey, S. Yurjevich, C. Hasslinger, J. Maack, S. Arthur) re Project Cambridge Meeting Materials (attaching Project Cambridge - Update Presentation (4.6.20).pdf; Project Cambridge - COVID Impact Analysis - (4.6.2020).pdf; Project Cambridge - Executive Briefing Materials - (4.6.2020).pdf)	UHG-2R-0003246971-UHG-2R-0003247005
DX-456	4/21/2020	April 21, 2020 email from C. Rudolph to D. Wichmann, J. Rex (cc T. Winkey, R. Musslewhite, R> Hardy, S. Yurjevich, K. Adams, B. Goodman, C. Hasslinger, R. Anderson, L. Donnelly, L. Bambeck) re Change Healthcare Meeting Materials (attaching Project Cambridge - Update Presentation (4.21.20).pdf;Project Cambridge - Executive Briefing Materials - (4.21.2020).pdf)	UHG-2R-0003249647-UHG-2R-0003249674
DX-457	4/25/2020	April 25, 2020 Email from C. Rudolph to S. Yurjevich, E. Schmuker, M. Kriofsky, K. Adams, J. Meyerhoff (cc B. Goodman, C. Hasslinger, R. Hardy, M. Avril, D. Fisher, A. Birschbach, M. Hammad) re Cambridge Internal Build Scenario (attacing Project Cambridge - Internal Capability Build Alternative & Detail (4.25....pdf)	UHG-2R-0003249969-UHG-2R-0003249976

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DX-458	6/29/2020	June 29, 2020 Email from R. Willock to A. Birshbach, M. Wieland (cc C. Hasslinger, M. Bayless, B. Frick, S. Guezmir) RE: Project QuarterMaster - Technology Follow-Up Question (attaching UnitedHealth Group - Policies - Information Security - Enterprise Inform....pdf)	UHG-2R-0003260395-UHG-2R-0003260399
DX-459	2/2/2020	February 2, 2020 email from R. Musslewhite to L. Bambeck re FW: Draft deck for Cambridge for Dirk and Wyatt meetings on Feb 4 (attaching 20200202 - Cambridge Walkaround Deck - vSHARE - Read Only.pdf; Project Cambridge Appendix Feb032020V2.pdf)	UHG-2R-0003655423-UHG-2R-0003655464
DX-460	12/9/2021	February 2, 2020 email from R. Musslewhite re: Draft deck for Cambridge for Dirk and Wyatt meetings on Feb. 4 (attaching 20200202 - Cambridge Walkaround Deck - Vshare - Read-Only.pdf; Project Cambridge Appendix Feb032020V2.pdf)	UHG-2R-0003655423-UHG-2R-0003655464
DX-461	2/10/2020	February 10, 2020 Email from R. Musslewhite to A. Witty (cc S. Pouliot) re Second Document - Strategy document around Cambridge (attaching 20200208 - Cambridge Walkaround Deck - vSHARE - Read Only.pdf)	UHG-2R-0003656312-UHG-2R-0003656324
DX-462	2/14/2020	February 21, 2020 email from S. Griffiths to R. Musslewhite, S. Arthur re AI Portfolio Update (attaching AI Portfolio Report Feb - 20200214.pdf; AI Portfolio Review Feb 20200214.pptx; AI Portfolio Fund - concept.pptx)	UHG-2R-0003657168-UHG-2R-0003657199
DX-463	12/26/2020	December 16, 2020 email from J. Benson to D. Schumacher, J. Prince, R. Musslewhite, E. Murphy, R. Hardy, E. McSweeney, W. Decker, M. Flakne, J. Grosklags, B. Goodman, A. Witty (cc S. Pouliot, A. Gubbay, L. Brumm, J. Dagel, R. Warn) re Final LRP presentations (attaching 00. Consolidated 2020 Long Range Plan.pdf; 01. OptumHealth 2020 LRP.pdf; 02. OptumInsight 2020 LRP.pdf; 03. OptumRx 2020 LRP.pdf)	UHG-2R-0003689940-UHG-2R-0003690000
DX-464	8/13/2019	August 13, 2019 email from R. Mayer to E. Schmuker (cc S. Yurjevich) re FW: Optum/Quian - Aetna Better Health Discussion (attaching Aetna-Equian - Amendment 001 to Schedule 5 08122019 v1.docx; CVS - Aetna Contract - CW2245050 - FA-SCH-005-MBA-Equian-2015 (Final 2-7....pdf)	UHG-2R-0003714997-UHG-2R-0003715248
DX-465	12/17/2020	Project Cambridge - Key Due Diligence Considerations (12/17/2020)	UHG-2R-0003725631-UHG-2R-0003725637
DX-466	3/26/2021	March 30, 2021 email from D. Fisher to E. Schmuker (cc S. Yurjevich, C. Rudolph, M. Avril) re Cambridge - editing & transparent network implications (attaching Project Cambridge - Integrated P&L - (3.26.2021)vClaimsXten.pdf; Project Cambridge - Synergy Summary - (3.25.2021)vClaimsXten.pdf)	UHG-2R-0003737061-UHG-2R-0003737066
DX-467	12/15/2020	December 15, 2020 email from R. hardy to M. Miller re FW: Cambridge Enterprise Data Opportunities Due Diligence (attaching Project Cambridge-Due Diligence Report-Enterprise Data Opportunities.docx)	UHG-2R-0003913675-UHG-2R-0003913683
DX-468	8/19/2020	Master Services Agreement (effective August 19, 2020) (between Health Care Service Corporation and OptumInsight, Inc (HCSC - Master Services Agreement)	UHG-2R-0004073205-UHG-2R-0004073236
DX-469	2/27/2020	February 27, 2020 Email from C. Hasslinger to S. Narayan, C. Rudolph (cc J. Maack) re Cambridge (attaching Project Cambridge - Preliminary Recommendation - (1.7.20).pptx; Project Cambridge - Preliminary Recommendation - (1.7.20).pdf)	UHG-2R-0004203769-UHG-2R-0004203820
DX-470	9/23/2020	September 23, 2020 email from C. Rudolph to R. Mattera (cc M. Avril, M. Hammad) re Change Materials Previously Shared with Dave (attaching Project Cambridge - Previously Provided Executive Materials (9.23.2020).pdf)	UHG-2R-0004402199-UHG-2R-0004402258

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DX-471	10/9/2020	October 9, 2020 email from M. Hammad to J. Rex (cc R. Mattera, C. Rudolph, L. Donnelly) re Change Healthcare BOD Udate Deck (attaching MEMO - Change Healthcare BOD Deck (10.9.20).pdf;Change Healthcare - BOD Update Deck (10.9.2020).pdf;Change Healthcare - BOD DSW Edits (10.9.20).pdf)	UHG-2R-0004403399-UHG-2R-0004403417
DX-472	2/27/2020	February 27, 2020 email from M. Fay to K. Chasten, R. Mayer, J. Gainor re PaymentIntegrityAssessmentOptum (attaching PaymentIntegrityAssessmentOptum.docx)	UHG-2R-0004420985-UHG-2R-0004420991
DX-473	2/28/2020	February 28, 2020 email from B. Cronin to P. McKinney, C. Wilk, T. Mulder, H. Plott, H. Losnek, J. Perkins (cc K. Steele, L. Marvel) re Cigna/ HealthSpring/ Leon - combining OI and 0360 MSLAs? (attaching Cigna OptumInsight MSA_MLSA 2017-12-01.pdf)	UHG-2R-0004458042-UHG-2R-0004458097
DX-474	6/29/2020	June 29, 2020 email from P. McKinney to A. Gillis re AV Agreement (attaching Request for eSignatures (1).pdf)	UHG-2R-0004465701-UHG-2R-0004465749
DX-475	2/26/2019	March 12, 2019 Email from D. McMahon to A. Witty re FW: Data Strategy Document (attaching UHG Data Strategy for Board v6.pdf)	UHG-2R-0004488165-UHG-2R-0004488172
DX-476	12/27/2020	December 27, 2020 email from B. Anderson to J. Rex re Documents (attaching Board Memo_Change Healthcare_122720.pdf)	UHG-2R-0004642242-UHG-2R-0004642263
DX-477	1/27/2019	January 27, 2019 email from C. Hasslinger to C. Rudolph (cc B. Schneeman) re Change Exec Sum (attaching UNH Materials (Jan-2019).pdf;CVH edit - Change Executive Summary_DRAFT_1.27.19.xlsx)	UHG-2R-0004671460-UHG-2R-0004671469
DX-478	1/26/2021	January 27, 2021 email from E. Schmuker to C. Rudolph re Frictionless Claims detail (attaching Frictionless Overview & Claims.pptx)	UHG-2R-0004762605-UHG-2R-0004762623
DX-479	8/15/2019	August 15, 2019 email from E. Schmuker to S. Lindsey re Anthem data we receive today - need your help	UHG-2R-0004791670-UHG-2R-0004791672
DX-480	12/9/2020	December 9, 2020 email from E. Schmuker to J. Maack re This is more Claims life cycle (attaching PI Products by Claim Cycle DRAFT 08_2020.pptx)	UHG-2R-0004828311-UHG-2R-0004828312
DX-481	12/11/2020	December 11, 2020 email from E. Schmuker to ProjectCDAll@uhgazure.onmicrosoft.com re Project Cambridge - Due Diligence Report Payer & Intelligent Health Network updated (attaching Project Cambridge - Due Diligence Report Payer Final.docx; Project Cambridge - Due Diligence Report Template Intelligent Network.docx)	UHG-2R-0004828460-UHG-2R-0004828465
DX-482	1/15/2021	January 15, 2021 email from R. Schmuker to B. Vivek re Portfolio Staff Meeting (agenda added) (attaching Perspectives on Cambridge Frictionless market size 2020.pptx; Claim Continuum.pptx)	UHG-2R-0004830175-UHG-2R-0004830211
DX-483	4/29/2020	April 29, 2020 email from L. Marvel to D. Wills re Can you send me the deck you shared with me yesterday on the historical perspective for Renewals. (attaching Payer Renewal Retention Trend Analysis.pptx)	UHG-2R-0004965391-UHG-2R-0004965397
DX-484	4/2/2019	Optum Privacy Update	UHG-2R-0005037480-UHG-2R-0005037490
DX-485	1/9/2020	Optum Policy Summary - De-identified Asset Use, Management and Acquisition Policy (version 1.3) (Policy Identifier ID-10509)	UHG-2R-0005039300-UHG-2R-0005039304
DX-486	1/13/2019	January 13, 2021 Email from P. Dumont to N. Subramanian, M. Kreidler, P. Dumont re HCE -eGRC training session -2 (attaching 5.1 De-identification of Protected Health Information.pdf)	UHG-2R-0005059252-UHG-2R-0005059256

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DX-487	1/28/2021	Optum Policy Summary - 2.4 The Minimum Necessary Rule and Protected Health Information (version 1.9) (policy identifier ID-6750)	UHG-2R-0005061260-UHG-2R-0005061262
DX-488	4/19/2021	April 19, 2021 email from P. Dumont to M. Field re Standardized vs Actual Costs (attaching Optum Healthcare Antitrust Guidelines.pdf)	UHG-2R-0005073725-UHG-2R-0005073729
DX-489	1/21/2020	Secure User Guide (UnitedHealth Group)	UHG-2R-0005159817-UHG-2R-0005160111
DX-490	9/25/2020	September 25, 2020 email from O. Sayeed to M. Miller, T. Diamond, E. Schmuker, S. Siraj, C. Smolky, S. Iverson, A. Merrill, D. James (cc J. Edwards) re Ask by EOD Friday: Slides for Education & Working Session: Payer Strategy Adjacencies and Near Term Opportunities (attaching Frictionless Platform Update 20200928.pptx)	UHG-2R-0005330632-UHG-2R-0005330646
DX-491	9/13/2018	September 13, 2018 Optum Presentation: OptumInsight Product Strategy Review: Intelligent EDI, Managed Gateway and Optum Validation Suite	UHG-2R-0005555510-UHG-2R-0005555539
DX-492	6/4/2020	June 4, 2020 email from D. Schumacher to J. Dagle re FW Life Sciences Data Licensing Business (pre-read for 6/5) (attaching Optum Life Sciences Data Licensing_June 2020.docx)	UHG-2R-0006431643-UHG-2R-0006431653
DX-493	3/8/2021	March 8, 2021 Email from D. Schumacher to J. Dagle re FW Cambridge Revenue Synergies (attaching Cambridge Rev Synergies (3.8.21).pdf;Project Cambridge - Key Materials - (3.8.2021).pdf)	UHG-2R-0006452023-UHG-2R-0006452033
DX-494	1/27/2021	January 27, 2021 email from S. Yurjevich to S. Totolani, CC: S. Kachru re Cambridge Data Commercialization Diligence Report (attaching Project Cambridge - Data Commercialization Report)	UHG-2R-0006509713 - UHG-2R-0006509720
DX-495	7/9/2018	July 9, 2018 email from K. Kandula to B. Davis re PCC Review_MRM Commercialization Updated _ V4.pptx (attaching PCC Review_MRM Commercialization UPDATE _ V4.pptx)	UHG-2R-0006928518-UHG-2R-0006928537
DX-496		Optum Labs Article: Natural Networks - Graph Analytics to Design a Best in Class Provider Network	UHG-2R-0007060320-UHG-2R-0007060326
DX-497	7/16/2018	July 16, 2018 email from P. Farazi to E. Argentinis, S. Holm (cc L. Carman, S. Davis) re Sources of claims data that Optum owns (from other payors) - Important	UHG-2R-0007079723-UHG-2R-0007079723
DX-498	5/1/2020	June 4, 2020 email from E. Farney to K. Denney, T. Shaffer, T. Spadafora, W. Decker, K. Pellish (cc A. Zissman, A. Bailey, P. Duggan, S. King, J. Vargas, J. Recksiek) re COFIRMED: Executive Champion Internal Kick-off for Texas Health Resources (attaching THR Executive Champion Briefing.pdf)	UHG-2R-0009445511 to UHG-2R-0009445522
DX-499	6/1/2020	June 1, 2020 Email from E. Winsor to A. Koup re FW: Key Account Hybrid SAE Model (attaching Confidentiality Slide and AMT Model - Local Markets05222020.pptx;Confidentiality Impact Analysis - 05222020.docx)	UHG-2R-0011939515-UHG-2R-0011939525
DX-500	4/23/2021	April 23, 2021 email from C. Follen to G. Enninga (cc G. Block, B. DuPerre, M. Granberg) re ACTION REQUIRED: DSJ 1.8 Packet Attached (attaching 1.8 Information Security Cybersecurity System Availability CF Draft.docx;DJSI Artifacts 4.23.zip)	UHG-2R-0012960292- UHG-2R-0012960724
DX-501	9/27/2019	September 27, 2019 email from J. Harvey to D. Gibson, B. Pruitt, K. Adair, J. Clark, P. Peterson, L. Butt, J. Foley, E. Soderberg, J. Dodd, M. Hockey, G. Liter, K. Brant, P. O'Connor, R. Allen, S. Gullett, A. Kraft, B. Kreitler, D. Tyler, A. Barclay (cc E. Schmuker, A. Merrill, S. Narayanan, S. Yurjevich, M. Kriofsky, M. Morrison, S. Mingee) re Optum Equian Data Governance Process Overview - Data Share/System Access/Offshore	UHG-2R-0012992267-UHG-2R-0012992268

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DX-502	8/26/2019	August 26, 2019 email from S. Schultz to R. Mattera re Data Governance update meeting with Dan - materials. (attaching Enterprise Data Governance Policy v7 (Final).docx;Optum Data Governance Program Overview - D Schumacher - 8-27-19.pptx;Enterprise Data Governance Committee Charter v7 (Final).docx)	UHG-2R-0012995306-UHG-2R-0012995323
DX-503	1/5/2021	January 5, 2021 email from B. Anderson to K. Adams, C. Alexander, J. Benson, H. Cianfrocco, T. Clark, P. Conway, W. Decker, K. Ehlert, W. Golden, R. hardy, P. Lewis, R. Mattera, P. McKoy, D. McMahon, R. Migliori, E. Murphy, R. Musslewhite, J. Putnam, J. Rex, J. Santelli, T. Noel, J. Prince, D. Schumacher, A. Shaw, M. Short, T. Spilker, B. Thompson, T. Winkey, A. Witty, N. Wright, C. Zaetta, R. Lippert, K. Knarr, D. Wichman (cc B. Anderson) re MBR Materials (attaching Interoperability.pdf)	UHG-2R-0012999974-UHG-2R-0012999977
DX-504	12/21/2020	December 21, 2020 Email from M .Stearns to T. McEnery (cc R. Hardy, S. Yurjevich, J. Maack, C. Rudolph, M. Molepske, J. Pennington, G. Holliday, B. Kane) re Project Cambridge communications plan (attaching Project Cambridge Comms Packet 12 21 20 655am ET.docx)	UHG-2R-0013240847-UHG-2R-0013240880
DX-505	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:49:22 PM)	UHG-2R-0013274021-UHG-2R-0013274021
DX-506	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:50:08 PM)	UHG-2R-0013274022-UHG-2R-0013274022
DX-507	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:52:56 PM)	UHG-2R-0013274023-UHG-2R-0013274023
DX-508	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:55:32 PM)	UHG-2R-0013274024-UHG-2R-0013274024
DX-509	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:57:32 PM)	UHG-2R-0013274025-UHG-2R-0013274025
DX-510	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:57:37 PM)	UHG-2R-0013274026-UHG-2R-0013274026
DX-511	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:58:07 PM)	UHG-2R-0013274027-UHG-2R-0013274027
DX-512	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (1:59:00 PM)	UHG-2R-0013274028-UHG-2R-0013274028
DX-513	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (2:00:06 PM)	UHG-2R-0013274029-UHG-2R-0013274029
DX-514	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (2:01:25 PM)	UHG-2R-0013274030-UHG-2R-0013274030
DX-515	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (2:02:15 PM)	UHG-2R-0013274031-UHG-2R-0013274031
DX-516	2/22/2021	February 22, 2021 email from M. Roder to P. Dumont (2:02:36 PM)	UHG-2R-0013274032-UHG-2R-0013274032
DX-517	5/20/2021	May 20, 2021 email from E. Schmuker t oV. Bhatt, C. Rudolph, M. Baille, S. Iversion, P. Root, S. Siraj, W. Parrish, A. Kerkow, H. Shawn, E. Kim, D. Haddad, A. Gillis re Transparent Network working session pre reads (attaching Clinical Decision Support - Point of Care capabilities.pptx;Transparent Network work in flight overview.pptx;Cambridge Revenue Synergy Overview (5.18.2021).pdf;Transparent Network Overview_2021Q2.pptx)	UHG-2R-0013664459-UHG-2R-0013664511
DX-518	8/9/2019	August 9, 2019 email from B. Overstreet to S. Groh, A. Michaels, J. Prata, P. McKinney, G. Dershem re Fully signed Amendment to the UHG MGD Agreement modification to Real Time Eligibility (attaching EDI MGD Amendment to Real Time Rate Card 01Jul2019.pdf;MGD ISA AMD01 Revision 01Jan2018.pdf)	UHG-2R-0013778570-UHG-2R-0013778582
DX-519	5/11/2021	May 11, 2021 email from D. Schumacher to J. Dagal re Anthem Analysis Deck (attaching Anthem AI 5.10.21 Analysis Report [V1].pptx.zip)	UHG-2R-0013900925-UHG-2R-0013900952
DX-520	5/9/2019	May 9, 2019 Email from P. Dumond to S. Davis, T. Stratford (cc S. Fischer, K. Luebke, J. Kohrman, L. Cohen, S. Reynolds) re Request to Connect (attaching Optum Clinformatics DoD View Summary Expert Determination 2016-10-11.pdf;5.1 De-Identification of Protected Health Information.pdf;CDM Data Dictionary DOD 2014.pdf)	UHG-2R-0014002643-UHG-2R-0014003186

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DX-521	12/30/2020	December 30, 2020 email from J. Maack to C. Hasslinger re 20200208 - Cambridge Walkaround Deck vSHARE - Read-Only.pptx (attaching 20200208 - Cambridge Walkaround Deck - vSHARE - Read-Only.pptx)	UHG-2R-0014080215-UHG-2R-0014080227
DX-522	4/30/2020	April 2020 Project Cambridge - Access to Data and Potential Use Cases	UHG-2R-0014196701-UHG-2R-0014196701_003
DX-523	10/27/2019	October 27, 2019 email from E. Schmuker to Payment Integrity Product Directors re Updated Security & Global Solutions Deck-FYI only (attaching Data Security and Global Solutions - formatted.pptx)	UHG-2R-0014300755-UHG-2R-0014300767
DX-524	10/20/2020	October 20, 2020 email from P. McKinney to L. Hermanson re Copy of Fully Executed Availity Agreement (attaching Optum_Availity_ACE_VendorSvcs_Agmt_FE_12.30.15.pdf)	UHG-2R-0014378772-UHG-2R-0014378857
DX-525	7/30/2018	July 30, 2018 Optum Presentation: Strategic Evaluation of Change Healthcare - Draft (handwritten notes)	UHG-2R-0014535879-UHG-2R-0014535900
DX-526	1/7/2021	January 7, 2021 email from L. McGraw to T. Gustin re Happy New Year and oh my....	UHG-2R-0014717126-UHG-2R-0014717126
DX-527	11/26/2019	UnitedHealth Group Confidentiality and Non-Disclosure Policy	UHG-2R-0015952506-UHG-2R-0015952509
DX-528	10/23/2020	Payer Consolidated Comment File 2020	UHG-2R-0016777780-UHG-2R-0016777780
DX-529	5/17/2021	UnitedHealth Group Policy Summary - Antitrust Policy (version 3.1) (Policy ID - ID-5368)	UHG-2R-0017320325-UHG-2R-0017320329
DX-530	6/16/2021	June 6, 2016 email from H. Wojcik to J. Phillios (cc M. Granberg, D. Kasbohm) re Optum_ECC Q1 2021 V4.1 FINAL.pptx (attaching Optum_ECC Q1 2021 V4.1 FINAL.pptx)	UHG-2R-0017320853-UHG-2R-0017320891
DX-531	7/9/2020	July 9, 2020 email from S. Stokman to R. Clarke, J. Clarke (cc M. Morris, N. Howell) re ABR Project Reverse Diligence - Additional Information #1 (attaching Optum Follow-up Response for WellSpan Health 7.9.20.pdf;7.9.20 Follow-up Response Attachments.zip)	UHG-2R-0017362791-UHG-2R-0017362936
DX-532	12/31/2020	December 31, 2020 email from D. Wichmann to J. Rex re <no subject> (attaching Project Cambridge Comms Packet 12 31 20 9 05 AM_DSW Marked.pdf, Project Cambridge Comms Packet 12 31 20 9 05 AM_DSW Marked.docx)	UHG-2R-0017496800-UHG-2R-0017496879
DX-533	10/30/2019	October 30, 2019 email from K. Hansen to T. Kaja, D. McMahon, D. Schumacher, E. Langerstrom, J. Santelli, M. Venkatesan, M. Decker, R. Musslewhite, A. Docimo, R. Hardy re MATERIALS - Enterprise EMR Executive Council - Thursday 10/31 @ 3:00PM CST (attaching PCMS Network Strategy_10.30.19_vFinal.pdf;Final POCA Overview.pdf;EMR Exec Council 10 31 19.pptx)	UHG-2R-0017694534-UHG-2R-0017694550
DX-534	6/17/2020	June 18, 2020 email from D. Wichmann to S. Hemsley re FW Change Healthcare Update (attaching Project Cambridge - Executive Update (6.17.2020).pdf;Project Cambridge - Update Presentation (4.21.20).pdf;Project Cambridge - Neil de Crescenzo Biography (6.17.20).pdf)	UHG-2R-0017806460-UHG-2R-0017806481
DX-535	9/11/2020	September 11, 2020 email from D. Wichmann to J. Leafgren re FW: MBR Materials September 9 (attaching MBR Agenda_09092020.pdf; Optum_Growth_Snapshot_SEP20.pdf; Corporate Business Update_September 2020.pdf)	UHG-2R-0017827008 - UHG-2R-0017827028
DX-536	12/31/2020	December 31, 2020 email from D. Wichmann [davis_s_wichmann@uhg.com] to D. Wichmann [dawichmann@earthlink.net] (attaching Project Cambridge Comms Packet 12 31 20 9 05 AM_DSW Marked.pdf)	UHG-2R-0017900161-UHG-2R-0017900200

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-537	7/26/2021	July 26, 2021 email from C. Rudolph to S. Yurjevich, E. Schmuker (cc M. Fischer, K. Campbell, R. Hardy, E. Merle, M. Mann, B. Goodman, P. Emerson, B. Davis, V. Bhatt, S. King) re An exciting development in the Transparent Network work	UHG-2R-0017928778-UHG-2R-0017928779
DX-538	7/25/2021	July 25, 2021 email from R. Hardy to D. McMahon re Life Sciences (attaching OI LS Data Exec Update 072321.pdf)	UHG-2R-0017987887-UHG-2R-0017987897
DX-539	8/7/2021	August 7, 2021 email from R. Schweitzer to J. Rex, P. Rainey, A. Ellis re Portfolio View (attaching Witty Support Binder - Aug BOD.pdf)	UHG-2R-0018054354-UHG-2R-0018054381
DX-540	7/9/2021	July 9, 2021 Email from P. Root to E. Schmuker re Blurb	UHG-2R-0018058698-UHG-2R-0018058698
DX-541	7/9/2021	July 9, 2021 email from P. Root to E. Schmuker re Blurb 2	UHG-2R-0018058707-UHG-2R-0018058707
DX-542	8/14/2021	August 15, 2021 email from E. Schmuker to N. Howell, S. Yurjevich (cc M. Bobola) RE: FW: An exciting development in the Transparent Network work	UHG-2R-0018061424-UHG-2R-0018061426
DX-543	7/23/2021	July 27, 2021 email from E. Schmuker to P. Root re Transparent Network Stakeholder Call 7/23 (attaching Transparent Network Status Updates 7.23.21.pptx)	UHG-2R-0018131582-UHG-2R-0018131583
DX-544	1/28/2021	Optum Policy Summary - 2.1 Reporting a Privacy Incident (version 3.1) (Policy Identifier ID-6747)	UHG-2R-0018174800-UHG-2R-0018174803
DX-545	2/9/2021	Optum Report: Report on OptumInsight Franklin Operations, SOC 2 Report, Independent Service Auditor's Report on Controls Relevant to Security (For the period May 1, 2020 through October 31, 2020)	UHG-2R-0018174808-UHG-2R-0018174904
DX-546	12/1/2020	February 2020 UnitedHealth Group Enterprise Data Governance Policy	UHG-2R-0018174905-UHG-2R-0018174908
DX-547	11/16/2020	Antitrust Compliance Do's and Don'ts UHG Article	UHG-2R-0018175027-UHG-2R-0018175029
DX-548	10/6/2021	October 6, 2021 UnitedHealth Group Confidentiality and Non-Disclosure	UHG-2R-0018175166-UHG-2R-0018175168
DX-549	10/6/2021	November 2016 - Antitrust Guidelines for Interaction or Involvement Between UnitedHealthcare and Optum's Provider Businesses	UHG-2R-0018175181-UHG-2R-0018175187
DX-550	3/3/2020	March 3, 2020 email from S. Yurjevich to S. Narayanan, C. Hasslinger (cc C. Rudolph, M. Avril) re Latest deck sans red team and customer partnership slides (attaching Mega payer Slide -Summary.pptx)	UHG-2R-0018200503-UHG-2R-0018200505
DX-551	5/1/2020	May 1, 2020 email from C. Hasslinger to S. Arthur re Project Cambridge Follow Ups (attaching Project Cambridge - Executive Follow-Up Materials (4.30.2020).pdf)	UHG-2R-0018215582-UHG-2R-0018215597
DX-552	11/4/2020	November 5, 2020 email from G. Reid to J. Harewood, S. Wilson, N. Zaffiris, S. Garland re FW :E&I CEO Extended Leadership Roundtable (attaching Price Transparency Regs Implications for EI_DRAFT_11042020.pptx)	UHG-2R-0018215598-UHG-2R-0018215613
DX-553	12/14/2020	December 14, 2020 email from P. Farazi to E. Schmuker, T. Gustin (cc S. Yurjevich) re Project Cambridge - Status Update (attaching Project Cambridge - Due Diligence Report Product 12 15 20.docx)	UHG-2R-0018216319-UHG-2R-0018216325
DX-554	5/2/2020	May 2, 2020 email from C. Rudolph to T. Winkey re FW: PRIVILEGED & CONFIDENTIAL: Project Cambridge (attaching PRIVILEGED - Cambridge - Antitrust Assessment_DRAFT 04.28.20.docx; Project Cambridge - Data Rights & Use Cases (5.1.2020)vF[1].pdf)	UHG-2R-0018221388-UHG-2R-0018221391
DX-555	11/22/2021	Copy of Project Cambridge - Financial Model (11.18.21)vUpdated.xlsx	UHG-30B6-00000001-UHG-30B6-00000001
DX-556	11/22/2021	November 2021 (Draft) Presentation - Project Cambridge - Integrated Case - Consolidated P&L	UHG-30B6-00000002-UHG-30B6-00000026
DX-557	1/27/2022	January 2022 UnitedHealth Group Report: Project Cambridge Financial Model Update Package (Draft)	UHG-30B6-00008721-UHG-30B6-00008748

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DX-558		Project Cambridge - Key Due Diligence Considerations (UHG 4c-21)	UHG-ATR001-00000477-UHG-ATR001-00000484
DX-559	3/1/2022	March 1, 2022 email from C. Rudolph to S. Yurjevich re FW: Top 20 Revenue Customers - 2021 (attaching 2021 Top 20 Customers.xlsx)	UHG-LIT-00101685
DX-560		Data file: Profit and Loss Report by Segment	UHG-LIT-00217642
DX-561	1/27/2022	January 27, 2022 email from K. Rodriguez to S. Mays, J. Chambers, J. Simmons, S. Grant, L. Donovan, M. Sherman, L. Wood (cc H. Hughes, J. Huffman, P. root, C. Odoherly, C. Edman, J. Vereze, C. Douglas, O. Sayeed, T. Stratford) re Payer-Provider integration to reduce avoidable denials (Optum and Capital BC) (attaching PCG One-Page 2022.pdf)	UHG-LIT-00240463-UHG-LIT-00240465
DX-562	2/1/2019	November 15, 2018 Optum Press Release: Artificial Intelligence Key to Improving Health Care Quality, Reducing Costs, Industry Leaders Say	UHG-LIT-00381854-UHG-LIT-00381856
DX-563	2/28/2022	February 28, 2022 email from S. Griffiths to S. Yurjevich re AI/ML in the Data Science World	UHG-LIT-00388899-UHG-LIT-00388900
DX-564	4/28/2021	Frictionless provider talking points	UHG-LIT-00393888-UHG-LIT-00393892
DX-565	7/8/2021	July 2021 Optum Presentation: Transparent Network Strategy Session	UHG-LIT-00394131-UHG-LIT-00394142
DX-566	2/7/2022	February 7, 2022 email from P. Root to E. Schmuker re Shift Left	UHG-LIT-00395617-UHG-LIT-00395619
DX-567	5/17/2021	May 17, 2021 Witty Discussion Commercial Insurance Overview	UHG-LIT-00410975-UHG-LIT-00410977
DX-568	12/13/2021	December 13, 2021 Email from T. Gehlbach to W. Golden re Data Policy (attaching Data policy positions 12.13.2021.pptx)	UHG-LIT-00411889-UHG-LIT-00411891
DX-569		Aetna - Master Business Agreement	UHG-LIT-00418898-UHG-LIT-00418926
DX-570		Humana - BAA	UHG-LIT-00419122-UHG-LIT-00419132
DX-571		Centene - BAA	UHG-LIT-00419142-UHG-LIT-00419163
DX-572		Humana - BAA	UHG-LIT-00419204-UHG-LIT-00419214
DX-573	7/8/2015	Business Associate Agreement (effective July 8, 2015) (between Bexar County Hospital District and OptumInsight, Inc.)	UHG-LIT-00419357-UHG-LIT-00419370
DX-574		Anthem - BAA	UHG-LIT-00419392-UHG-LIT-00419406
DX-575	7/7/2021	July 1, 2021 Optum Presentation: Multi-Payer Point of Care Strategy - Executive Summary	UHG-LIT-00484022-UHG-LIT-00484031
DX-576	10/11/2021	October 11, 2021 meeting invitation from K. Greer to D. McMahon, J. Santelli, D. Sundal, C. Brown, V. Manohar, A. Mishra, S. Griffiths, B. Wiegand, E. Halperin, A. Madama (cc R. Christensen, J. Schoenfelder, R. Hardy) re 1:00ct Review Strategy for Ai/ML/Tech Advancement (attaching Strategy Ai.ML.Tech Advancement.pptx)	UHG-LIT-00488033-UHG-LIT-00488043
DX-577	9/7/2021	September 7, 2021 email from A. Witty [wittyoffice@gmail.com] to A. Witty [andrew@uhg.com] (attaching Change Meeting_101920.pdf; Optum and Change Healthcare_101920_v5_\$23.pdf; Project Cambridge Draft LOI (10.19.2020)_DSW_\$23.pdf)	UHG-LIT-00511714-UHG-LIT-00511718
DX-578	3/18/2022	2022 2+10 ABC Model (03.18.22).xlsx	UHG-LIT-00520280
DX-579	4/22/2022	Equity Purchase Agreement by and between United Health Group Incorporated and Color Immediate, LLC (Dated as of April 22, 2022)	UHG-LIT-00532731-UHG-LIT-00533162
DX-580	8/1/2018	Business Associate Agreement (effective August 1, 2018) (between Advocate Aurora Health, Inc. and OptumInsight, Inc.)	UHG-LIT-00533643-UHG-LIT-00533652
DX-581		HCSC - BAA	UHG-LIT-00533716-UHG-LIT-00533722

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DX-582	12/19/2019	Business Associate Downstream Subcontractor Agreement (December 19, 2019) (between Integra Community Care Network, LLC and OptumInsight, Inc.)	UHG-LIT-00533733-UHG-LIT-00533740
DX-583	7/14/2021	July 14, 2021 email from A. Gillis to C. Crecca (attaching High Level EDI Flow 07.12.21.pptx)	UHG-LIT-00584499-UHG-LIT-00584503
DX-584	8/1/2021	August 26, 2021 email from O. Sayeed to M. Cooper, C. Edman, C. Douglas, D. Tucker, A. Gillis (cc T. Rendahl, P. Root, K. White, C. Odoherly) re Frictionless - CLaims Working Session (attaching TN Claims Rollout Plan 20210825.pptx)	UHG-LIT-00587514-UHG-LIT-00587528
DX-585		December 21, 2021 email from M. Molepske to C. Rudolph re Cambridge (attaching Cambridge - Agreement and Plan of Merger [Executed].pdf)	UHG-LIT-00623653-UHG-LIT-00623762
DX-586	8/27/2021	August 27, 2021 email from O. Sayeed to E. Schmuker, C. Odoherly, P. Root, K. White re Updated Claims/Admin Roll Out plan (attaching TN Claims Rollout Plan 20210827.pptx)	UHG-LIT-00625536-UHG-LIT-00625550
DX-587	10/5/2021	October 5, 2021 email from W. Warren to M. Murthy et al., re 10.5.21 Core Power Agenda (attaching Core Power 10.5.21 Transparent Network Update.pptx)	UHG-LIT-00626383-UHG-LIT-00626398
DX-588	10/12/2021	October 12, 2021 email from O. Sayeed to E. Schmuker re Erin/Omer Biweekly TB (attaching UI Health Care Executive Review 20211012.pptx)	UHG-LIT-00626494-UHG-LIT-00626508
DX-589	11/9/2021	November 11, 2021 email from E. Schmuker to K. Rodriguez, R. Rajkumar re Draft Notes: BCSSC Provider Alignment Discussion	UHG-LIT-00627292-UHG-LIT-00627294
DX-590	12/7/2021	December 7, 2021 email from E. Schmuker to L. Freedy re Transparent Network - Walking Deck November 8 2021.pptx (attaching Transparent Network - Walking Deck November 8 2021.pptx)	UHG-LIT-00627684-UHG-LIT-00627700
DX-591	1/5/2022	January 5, 2022 email from O. Sayeed to E. Schmuker (cc P. Root) re PCG Monetization Discussion with Beth Merle (attaching PCG Monetization - January 2022.pptx)	UHG-LIT-00628178-UHG-LIT-00628190
DX-592	2/7/2022	February 7, 2022 email from E. Schmuker to S. Yurjevich (cc P. Root) re Edit/Avoidance	UHG-LIT-00628665-UHG-LIT-00628666
DX-593	2/15/2022	February 15, 2022 email from O. Sayeed to E. Schmuker re PCG Pipeline Update 2.15.22.pptx (attaching PCG Pipeline Update 2.15.22.pptx)	UHG-LIT-00628803-UHG-LIT-00628812
DX-594	2/28/2022	February 28, 2022 email from C. Odoherly to E. Schmuker re 1 TN PCG Update - Feb 2022.pptx (attaching 1 TN PCG Update - Feb 2022.pptx)	UHG-LIT-00629111-UHG-LIT-00629128
DX-595	11/9/2021	November 9, 2021 email from M. Mai to J. Belisle, E. Merle, E. Tierney, R. Hardy, D. Schumacher (cc S. Holm, O. McLellan) re UHG Data Strategy Project: SteerCo Meeting [In-Person] (attaching UHG Data Strategy Preread 2021Nov09.pdf)	UHG-LIT-00645077-UHG-LIT-00645117
DX-596	9/9/2021	September 9, 2021 email from S. Griffiths to R. Das, A. Witty, D. Schumacher, D. McMahon, J. Snatelli, V. Manohar, A. Mishra, E. Halperin, S. Schultz re AI Ethics Responsibility (attaching Responsible AI Briefing.docx)	UHG-LIT-00664212-UHG-LIT-00664227
DX-597	1/21/2022	January 21, 2022 email from T. Josephson to P. Dumont re Non-Affiliated Counts_V1w_sql.xlsx (attaching Non-Affiliated Counts_V1w_sql.xlsx)	UHG-LIT-00709580-UHG-LIT-00709581
DX-598	12/10/2021	December 10, 2021 email from C. Odoherly to J. Hoffman, J. Hill (cc C. Edman, J. Vereze, O. Sayeed, P. Root) re PCG Client List_Payer.pptx (attaching PCG Client_Payer.pptx)	UHG-LIT-00749851-UHG-LIT-00749854

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DX-599	3/21/2022	March 21, 2022 email from K. Rodriguez to S. Iverson, P. Root, C. Odoherty, O. Sayeed, L. Koerber, T. Stratford (cc J. Hoffman, C. Edman, J. Vereze, C. Douglas) re Next steps: Payer-Provider integration to reduce avoidable denials (Optum and Capital BC) (attaching Provider Communication Gateway . Capital 01.27.2022.pdf)	UHG-LIT-00769682-UHG-LIT-00769702
DX-600	8/8/2019	Optum Data and Analytics: Future Vision and Current State White Paper (2019) (Draft)	UHG-LIT-00809396-UHG-LIT-00809412
DX-601	10/18/2021	October 8, 2021 meeting invitation from O. Sayeed to O. Sayeed, P. Root re Speaking Roles for UI Exec Review on 10/19 (attaching UI Health Care Executive Review 20211014.pptx)	UHG-LIT-00828647-UHG-LIT-00828659
DX-602	1/5/2022	January 5, 2022 email from E. Schmuker to P. Root re FW talking points for Thursday meeting (attaching POC CDS INTEGRATION IDEATION v2 1.4.22.pdf)	UHG-LIT-00829557-UHG-LIT-00829560
DX-603	1/11/2022	Optum Presentation: Transparent Network - Program Overview	UHG-LIT-00829849-UHG-LIT-00829857
DX-604	1/24/2022	January 24, 2022 email from O. Sayeed to P. Root re Review PCG Update/"what are we working on" (attaching 1 TN PCG Update - Jan 2022.pptx)	UHG-LIT-00830214-UHG-LIT-00830226
DX-605	3/7/2022	March 7, 2022 email from P. Root to E. Schmuker re QBR Deck (attaching TN Executive Summary.pptx)	UHG-LIT-00832748-UHG-LIT-00832770
DX-606	5/17/2021	May 14, 2021 Calendar Invitation from D. Campbell to W. Golden, T. Gelbach, D. McMahon, E. Sweeney, J. Putnam, P. Stordahl, B. Thompson, A. Witty, D. Kueter, D. Latino, N. Brokl re Commerical Insurance Business Model (attaching UHC EI Insurance Overview vF.pdf) (for May 17, 2021 at 9am)	UHG-LIT-00926561-UHG-LIT-00926571
DX-607		DGTS data	UHG-LIT-00961610
DX-608		UnitedHealth Group Data Governance - Contract Review Guide (updated 11/18/2015)	UHG-LIT-00962256 - UHG-LIT-00962268
DX-609	6/23/2021	June 23, 2021 email from R. Mayer to A. Merrill re OI Growth steer co 6.3.2021 Transparent Network.pptx (attaching OI Growth steer co 6.3.2021 Transparent Network.pptx)	UHG-LIT-01032704-UHG-LIT-01032726
DX-610		dNHI and ORD user data	UHG-LIT-01072477
DX-611		OLDW user data	UHG-LIT-01072478
DX-612		PeopleSoft data	UHG-LIT-01072479
DX-613		DeCide usage log	UHG-LIT-01072480
DX-614		dNHI and ORD usage log	UHG-LIT-01072481
DX-615		OLDW usage log	UHG-LIT-01072482
DX-616	1/19/2022	January 19, 2022 email from C. Prevost to E. Brelje, M. Lemetowski, T. Siddiki, B. Triminio, E. King, A. Haque, N. Apostalatos, R. Miller, R. Terrette (cc C. Bobcombe, A. Quackenbush, K. Wagner, A. Mott, B. Graham) re (External Email) RE: Project Magnum Working Group Daily Discussion (attaching Prj Magnum CIP_Jan 2022vF.pdf;Prj Magnum CIP_Jan 2022vF.pptx)	UHG-LIT-01112220-UHG-LIT-01112350
DX-617	2/1/2022	February 1, 2022 calendar invitation from A. Haque to C. Prevost, R. Terrette, R. Miller, C. Wukitch, S. Ayers, A. Larsson, T. Gregorio, J. Leonard, D. Corti, ProjectMagnumWOrkingGroup@barclays.com, R. Landgarten, N. Apostalatos, E. Brelje, A. Quackenbush, K. Wagner, A. Mott (cc E. King, M. Lemntowski, T. Siddiki) re Project Magnum TPG x Mgmt Session (CHG) (attaching Magnum_TPG_MP_Agenda (02.02.22)_vS.pdf; Magnum_TPG_MP_Discussion Materials (02.02.22)_vS.pdf)	UHG-LIT-01118028-UHG-LIT-01118072

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DX-618	2/2/2022	February 1, 2022 calendar invitation from A. Haque to C. Prevost, R. Terrette, R. Miller, C. Wukitch, S. Ayers, A. Larsson, T. Gregorio, J. Leonard, D. Corti, ProjectMagnumWorkingGroup@barclays.com, R. Landgarten, N. Apostolatos, E. Brelje, A. Quackenbush, K. Wagner, A. Mott (cc E. King, M. Lementowski, T. Siddiki) re Project Magnum TPG x Mgmt Session (CHG) (attaching Magnum_TPG_MP_Agenda (02.02.22)_vS.pdf;Magnum_TPG_MP_Discussion Materials (02.02.22)_vS.pdf)	UHG-LIT-01118028-UHG-LIT-01118072
DX-619	2/11/2022	February 11, 2022 email from A. Zahl to M. Lementowski, J. Rhodes, N. Raj, K. Wood, A. Heidrich, J. Hasas, T. Stec, H. Lu, K. Bojic (cc R. Langarten, N. Apostolatos, E. Brelje, A. Quackenbush, K. Wagner, A. Mott) re Project Magnum - Next Steps (attaching Project Magnum - TPG Proposal (02.10.22)vF.pdf)	UHG-LIT-01119675-UHG-LIT-01119682
DX-620	2/11/2022	February 11, 2022 email from E. Brelje to K. Girard re FW Project Magnum - Next Steps (attching Project Magnum - TPG Proposal (02.10.22) vF.pdf)	UHG-LIT-01119683-UHG-LIT-01119690
DX-621	2/11/2022	February 11, 2022 email from A. Haque to C. Prevost, R. Terrette, R. Miller, E. Brelje, A. Quackenbush, K. Wagner, A. Mott, R. Landgarten, N. Apostolatos (cc M. Lementowski, E. King) re Project Magnum Bid Discussion (attaching Project Magnum Bid Materials_V(02.11.22).pdf)	UHG-LIT-01119691-UHG-LIT-01119707
DX-622	3/3/2022	March 3, 2022 email from A. Haque to R. Miller, C. Prevost, R. Terrette, C. Bobcombe, B. Graham, E. Brelje, A. Quackenbush, A. Mott, K. Wagner, M. Lemontowski, B. Triminio, E. King, T. Siddiki (cc N. Apostolatos, R. Landgarten, A. Douglass) re Project Magnum Working Group Daily Discussion (attaching Project Magnum Bid Materials_v(03.03.22).pdf)	UHG-LIT-01124695-UHG-LIT-01124707
DX-623	1/13/2022	OI Payer Innovation Council Slide Deck	UHG-LIT-01179302 – UHG-LIT-01179318
DX-624	10/21/2020	October 21, 2020 Optum Presentation: OptumInsight portfolio: Product Strategy Review: Payer market	UHG-LIT-01224642-UHG-LIT-01224671
DX-625	3/26/2021	March 25, 2021 Optum Presentation: OptumLabs Analytics teams Town Hall	UHG-LIT-01256642-UHG-LIT-01256657
DX-626		dNHI/ORD/OLDW data	UHG-LIT-01282233
DX-627		dNHI/ORD/OLDW data	UHG-LIT-01282234
DX-628		dNHI/ORD/OLDW data	UHG-LIT-01282235
DX-629		dNHI/ORD/OLDW data	UHG-LIT-01282236
DX-630		dNHI/ORD/OLDW data	UHG-LIT-01282237
DX-631		dNHI/ORD/OLDW data	UHG-LIT-01282238
DX-632		dNHI/ORD/OLDW data	UHG-LIT-01282239
DX-633		dNHI/ORD/OLDW data	UHG-LIT-01282240
DX-634		dNHI/ORD/OLDW data	UHG-LIT-01282241
DX-635		dNHI/ORD/OLDW data	UHG-LIT-01282242
DX-636		dNHI/ORD/OLDW data	UHG-LIT-01282243
DX-637		dNHI/ORD/OLDW data	UHG-LIT-01282244
DX-638		dNHI/ORD/OLDW data	UHG-LIT-01282245
DX-639		dNHI/ORD/OLDW data	UHG-LIT-01282246
DX-640		dNHI/ORD/OLDW data	UHG-LIT-01282247
DX-641		dNHI/ORD/OLDW data	UHG-LIT-01282248
DX-642		dNHI/ORD/OLDW data	UHG-LIT-01282249
DX-643		dNHI/ORD/OLDW data	UHG-LIT-01282250

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DX-644		dNHI/ORD/OLDW data	UHG-LIT-01282251
DX-645		dNHI/ORD/OLDW data	UHG-LIT-01282252
DX-646		dNHI/ORD/OLDW data	UHG-LIT-01282253
DX-647		dNHI/ORD/OLDW data	UHG-LIT-01282254
DX-648		dNHI/ORD/OLDW data	UHG-LIT-01282255
DX-649		dNHI/ORD/OLDW data	UHG-LIT-01282256
DX-650		dNHI/ORD/OLDW data	UHG-LIT-01282257
DX-651		dNHI/ORD/OLDW data	UHG-LIT-01282258
DX-652		dNHI/ORD/OLDW data	UHG-LIT-01282259
DX-653		dNHI/ORD/OLDW data	UHG-LIT-01282260
DX-654	5/12/2022	May 12, 2022 Optum Policy Summary: UnitedHealth Group Firewall Policy for Optum Insight and Change Healthcare	UHG-LIT-01343682-UHG-LIT-01343685
DX-655		Optum Policy Summary: UnitedHealth Group Firewall Policy for Optum Insight and Change Healthcare (version 1.0) (policy Identifier - ID-33397)	UHG-LIT-01343682-UHG-LIT-01343685
DX-656	3/24/2022	March 24, 2022 email from R. Hardy to D. McMahon, A. Witty, S. Yurjevich, B. Goodman, B. Davis, P. Emerson, S. King, E. Merle (cc G. Davis, D. Schumacher, J. Grosklags, M. Miller) re OptumInsight Growth/Business Review (attaching Growth Template for 3.29 Meeting_final.pdf)	UHG-LIT-01660166-UHG-LIT-01660172
DX-657	4/26/2022	April 26, 2022 email from E. Schmuker to S. Yurjevich, V. Bhatt, P. Root, A. Gillis re TN Integrated Product Suite pre read for tomorrow's chat (attaching Transparent Network integrated product suite April 2022.pptx)	UHG-LIT-01666167-UHG-LIT-01666170
DX-658	4/4/2022	April 4, 2022 Merger Agreement Waivers by Change Healthcare, UnitedHealth Group Incorporated, and Cambridge Merger Sub Inc.	UHG-LIT-01672359-UHG-LIT-01672366
DX-659	4/23/2022	April 23, 2022 email from M. Le to P. Sandridge (cc A. Flynn, E. Karlberg, L. Yao, RGColorCorporate@ropesgray.com, S. Aggarwal, A. Berglund, L. Wang, K. Pagnani, M. Sawyer, B. Goodchild, J. Berriere, K. Girard, E. Almeida, M. Lee, J. Glockner, J. Corsico, B. Bodurian, E. Harvey) re Project Magnum - TSA (attaching Project Magnum - Equity Purchase Agreement (Executed)(4892-2987-1389.1).pdf; Magnum - Equity Commitment Letter (TPG)(Executed)(4868-5314-2557.1).pdf; Magnum - Limited Guarantee (TPG)(Executed)(4882-1144-1693.1).pdf)	UHG-LIT-01695999-UHG-LIT-01696480
DX-660	3/6/2022	March 6, 2022 email from E. Merle to R. hardy, S. Yurjevich, S. King, R. Murphy, B. Goodman, P. Emerson, B. Davis, V. Bhatt, K. Milless, C. Maurer (cc C. Burke, R. Mayer, E. Weiss, K. Adams, C. Rudolph, F. Volzing) re Pre-Read: Growth SteerCo (attaching Growth Sterrco_Provider Enablement_FINAL 03_04_2022.pdf; OPN_Grwth SteerCo Update_3.7.22vF.pdf)	UHG-LIT-01714567-UHG-LIT-01714589
DX-661	3/3/2022	March 3, 2022 email from A. Zahl to M. Lementowski, J. Rhodes, N. Raj, A. Heidrich, J. Hasan, R. Roley, T. Stec, H. Lu, K. Bojic (cc R. Landgarten, N. Apostolatos, E. Brelje, A. Quackenbush, K. Wagner, A. Mott) re Project Magnum Process Letter (attaching Magnum Bid Letter TPG (3.2.22) vFinal.pdf;Magnum TPG Supplement (3.2.22).pdf;Color Bid.zip)	UHG-LIT-01741209-UHG-LIT-01741572

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-662	3/3/2022	March 3, 2022 email from A. Zahl to M. Lementowski, J. Rhodes, N. Raj, A. Heidrich, J. Hasan, R. Roley, T. Stec, H. Lu, K. Bojic (cc R. Landgarten, N. Apostolatos, E. Brelje, A. Quackenbush, K. Wagner, A. Mott) re Project Magnum Process Letter (attaching Magnum Bid Letter TPG (3.2.22) vFinal.pdf; Magnum TPG Supplement (3.2.22).pdf; Color Bid.zip)	UHG-LIT-01741209-UHG-LIT-01741619
DX-663	3/30/2022	March 30, 2022 email from A. Zahl to E. Brelje, A. Quackenbush, K. Wagner, A. Mott, R. Landgarten, N. Aposolatos, M. Lementowski (cc J. Rhodes, N. Raj, A. Heidrich, J. Hasan, R. Roley, T. Stec, K. Bojic, H. Lu) re Project Magnum TPG Final Proposal (attaching Magnum - TPG - Final Proposal (3.30.22) vF.pdf; Bid Letter Exhibits and Debt Commitment Papers.zip)	UHG-LIT-01747769-UHG-LIT-01747921
DX-664	11/12/2021	November 12, 2021 UnitedHealth Group Report: UnitedHealth Group's Robust Firewalls Resolve Any Vertical Competitive Concerns Related to the UHG-Change Transaction	UHG-LIT-01779310-UHG-LIT-01779329
DX-665	3/16/2022	March 16, 2022 email from R. Schweitzer re: COTIQ Meeting Materials 3.17.22 (attaching Optum Clinical Decision Support (CDS) Platform "Optum Assistant": COTIQ Program Review)	UHG-LIT-01839280-UHG-LIT-01839318
DX-666	3/31/2006	Ingenix, Inc. Master Services and License Agreement (March 31, 2006) (between Ingenix, Inc. and Blue Cross and Blue Shield of North Carolina)	UHG-LIT-01885876-UHG-LIT-01885889
DX-667	6/22/2020	Amendment No. 01 to the Product Schedule Optum Performance Analytics Platform (effective June 22, 2020) (between Blue Cross and Blue Shield of North Carolina and OptumInsight, Inc.)	UHG-LIT-01885890-UHG-LIT-01885900
DX-668		Ingenix, Inc. Master Services Agreement (January 1, 1999)(between Ingenix, Inc. and Blue Shield of Massachusetts)	UHG-LIT-01885901-UHG-LIT-01885914
DX-669		Second Amendment to the Agreement Among Blue Cross and Blue Shield of Massachusetts, Inc. and OptumInsight, Inc. (FKA Ingenix)(March 31, 2022)	UHG-LIT-01885915-UHG-LIT-01885946
DX-670	9/1/2009	Impact Pro Software - Product Schedule (Business Process Outsourcing Version) (effective September 1, 2009 (between Ingenix, Inc. and Capital District Physicians' Health Plan, Inc.)	UHG-LIT-01885959-UHG-LIT-01885967
DX-671	7/1/2009	Ingenix, Inc. Master Services and License Agreement (effective July 1, 2009) (between Ingenix, Inc. and Capital District Physicians' Health Plan, Inc.)	UHG-LIT-01885968-UHG-LIT-01885996
DX-672	5/1/2018	Product Schedule - Optum Performance Analytics Platform (effective May 1, 2018)(between OptumInsight, Inc. and Blue Cross and Blue Shield of North Carolina)	UHG-LIT-01885997-UHG-LIT-01886054
DX-673		Business Associate Agreement (between OptumInsight, Inc. and PreferredOne Administrative Services, Inc.)	UHG-LIT-01886058-UHG-LIT-01886061
DX-674	6/26/2009	Impact Pro Software - (ASP or BPO Deployment) Product Schedule (effective June 26, 2009) (between Ingenix, Inc. and PreferredOne)	UHG-LIT-01886062-UHG-LIT-01886070
DX-675	12/17/1999	Ingenix, Inc. Master Services and License Agreement (December 17, 1999) (between Ingenix, Inc. and Preferred One)	UHG-LIT-01886090-UHG-LIT-01886097
DX-676	3/16/2018	Third Amendment to the Impact Software Product Schedule (effective March 16, 2018) (between OptumInsight, Inc. and Tufts Associated Health Plans, Inc.)	UHG-LIT-01886112-UHG-LIT-01886114
DX-677	12/12/1999	Ingenix, Inc. Master Services and License Agreement (December 12, 1999)(between Ingenix, Inc. and Tufts Associated Health Plans, Inc.)	UHG-LIT-01886137-UHG-LIT-01886144
DX-678		Tufts Health Plan Business Associate Contract (effective October 1, 2013)(between Tufts Associated Health Plans, Inc. and OptumInsight, Inc.)	UHG-LIT-01886145-UHG-LIT-01886148

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DX-679	4/13/2021	April 13, 2021 Optum Presentation: OptumInsight Payer Product Strategic Leadership Meeting	UHG-LIT-01899477-UHG-LIT-01899556
DX-680		Blank Form Letter from Change HealthCare and UnitedHealth Group to Change data solutions customers announcing merger (Reference Material for Summary Exhibit)	UHG-LIT-01910213- UHG-LIT-01910213
DX-681		Change HealthCare and UnitedHealth Group form letter informing data solutions customers of merger	UHG-LIT-01910213-UHG-LIT-01910213
DX-682		Change HealthCare and UnitedHealth Group form letter informing EDI customers of merger	UHG-LIT-01910214-UHG-LIT-01910214
DX-683		Data Solutions Distribution List	UHG-LIT-01910215-UHG-LIT-01910215
DX-684		Data Solutions Distribution List (Reference Material for Summary Exhibit)	UHG-LIT-01910215-UHG-LIT-01910215
DX-685		EDI Distribution List (Reference Material for Summary Exhibit)	UHG-LIT-01910216-UHG-LIT-01910890
DX-686		Blank Form Letter from UnitedHealth Group to Change Healthcare Medical Electronic Data Interchange customers (Reference Material for Summary Exhibit)	UHG-LIT-01910891-UHG-LIT-01910893
DX-687		Contract Summary - Mercury; Request Title - SOW - Provider Growth Analytics (not Clinical) Longitudinal Claims Data (United HealthCare Serv., Inc. and Avalere Health LLC)	UHG-LIT-01911088-UHG-LIT-01911127
DX-688	9/23/2021	Avalere Health Contract Summary Request Detail Record Number MROO149330	UHG-LIT-01911088-UHG-LIT-01911127
DX-689		Statement of Work No. 1, BHI Master Services Agreement (Effective January 1, 2017)(between Health Intelligence Company, LLC and The Advisory Board Company)	UHG-LIT-01911154-UHG-LIT-01911174
DX-690		Amendment No. 1 to Statement of Work 1 (between Health Intelligence Company, LLC and The Advisory Board Company)	UHG-LIT-01911175-UHG-LIT-01911176
DX-691		Amendment to the Master Services Agreement (effective December 21, 2020)(between Health Intelligence Company, LLC OptumInsight, and The Advisory Board Company)	UHG-LIT-01911177-UHG-LIT-01911178
DX-692		Amendment No. 2 to Statement of Work No. 1 (effective December 21, 2020) (between Health Intelligence Company, LLC OptumInsight, and The Advisory Board Company)	UHG-LIT-01911179-UHG-LIT-01911180
DX-693	7/8/2021	Data Subscription Agreement between Definitive Healthcare, LLC and Surgical Care Affiliates, LLC dated 7/8/21	UHG-LIT-01911186-UHG-LIT-01911192
DX-694	10/13/2021	Amendment No. 17 to the Master Services and License Agreement between UHG and FAIR Health	UHG-LIT-01911195-UHG-LIT-01911199
DX-695		Fair Health Master Services and License Agreement (February 1, 2011) (between FAIR Health, Inc. and United Healthcare Services, Inc.)	UHG-LIT-01911214-UHG-LIT-01911237
DX-696		Fair Health FH Benchmarks - Record Layout	UHG-LIT-01911278-UHG-LIT-01911281
DX-697	5/15/2015	Amendment No. 1 to to the Master Services and License Agreement between UHG and FAIR Health	UHG-LIT-01911287-UHG-LIT-01911293
DX-698	10/21/2015	Amendment No. 3 to to the Master Services and License Agreement between UHG and FAIR Health	UHG-LIT-01911294-UHG-LIT-01911296
DX-699		Master Service Agreement (effective February 14, 2011)(between Health Market Science, Inc. and The Advisory Board Company)	UHG-LIT-01911303-UHG-LIT-01911315
DX-700		Amendment No. 1 to Statement of Work No. 6 - Master Licensing and Servicing Agreement, Omnibus SOW for Customized Claims Data (June 30, 2017)	UHG-LIT-01911346-UHG-LIT-01911349

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-701		Amendment No. 2 to the Statement of Work No. 6 to Master Licensing and Service Agreement (November 20, 2018)(between Health Market Science Inc. and The Advisory Board Company)	UHG-LIT-01911350-UHG-LIT-01911355
DX-702		Amendment no. 3 to Statement of Work No. 6 (effective April 15, 2022)(between Health Market Sciene Inc. and The Advisory Board Company)	UHG-LIT-01911356-UHG-LIT-01911357
DX-703		Statement of Work No. 6 - Master Licensing and Services Agreement, Onmibus SOW for Customized Claims Data (January 22, 2014)(between Health Market Science Inc. and The Advisory Board Company)	UHG-LIT-01911358-UHG-LIT-01911379
DX-704	12/1/2019	Statement of Work No. 8 to Master Service Agreement between LexisNexis Risk Solutions FL Inc. and The Advisory Board Company	UHG-LIT-01911380-UHG-LIT-01911386
DX-705		Komodo-Optum All Payer Data Headers.xlsx	UHG-LIT-01911392-UHG-LIT-01911392
DX-706		Second Amendment to Statement of Work No. 1 (effective July 1, 2021)(between OptumInsight Life Sciences, Inc. and Komodo Health, Inc.)	UHG-LIT-01911393-UHG-LIT-01911394
DX-707		Komodo Certified Dataset Schemas August 2019.xlsx	UHG-LIT-01911395-UHG-LIT-01911395
DX-708		OptumInsight - Komodo Health Amendment 1 of SOW 1 (effective July 15, 2020)	UHG-LIT-01911396-UHG-LIT-01911400
DX-709		Master Software License and Services Agreement (August 15, 2019)(between OptumInsight, Inc. and Komodo Health, Inc.)	UHG-LIT-01911401-UHG-LIT-01911474
DX-710	8/15/2019	Master License and Services Agreement between OptumInsight and Komodo Health dated 8/15/2019	UHG-LIT-01911401-UHG-LIT-01911474
DX-711		Master Services Agreement (effective June 20, 2012)(between LexisNexis Risk Solutions FL Inc. and United HealthCare Services, Inc.)	UHG-LIT-01911522-UHG-LIT-01911555
DX-712		MarketView Services Work Order (effective July 1, 2021)(between LexisNexis Risk Solutions FL Inc. and United Healthcare)	UHG-LIT-01911576-UHG-LIT-01911587
DX-713		Stratasan, LLC - Master Subscription Agreement (effective December 31, 2020)(between Stratasan, LLC and Surgical Care Affiliates, LLC)	UHG-LIT-01911588-UHG-LIT-01911598
DX-714	12/30/2020	STRATASAN, LLC Master Subsription Agreement dated 12/30/20	UHG-LIT-01911588-UHG-LIT-01911598
DX-715		Stratasan Data Dictionary	UHG-LIT-01911599-UHG-LIT-01911599
DX-716		Master Services Agreement (effective September 19, 2012)(between United HealthCare Services, Inc. and Wakely Consulting Group, Inc.)	UHG-LIT-01912749-UHG-LIT-01912765
DX-717		UnitedHealthcare Services, Inc. Amendment to Master Services Agreement (effective October 1, 2021)(between UnitedHealthcare Services, Inc. and Wakely Consulting Group, Inc.)	UHG-LIT-01912778-UHG-LIT-01912806
DX-718		United Heathcare Services, Inc. Statement of Work - 2023 Individual ACA Market Pricing Analysis (between United HealthCare Services, Inc. and Wakely Consulting Group, Inc.)	UHG-LIT-01912807-UHG-LIT-01912812
DX-719		June 2022 Draft - Project Cambridge - Accretion/Dilution Bridge (Deal Model Bridge Summary)	UHG-LIT-01912936-UHG-LIT-01912936
DX-720		June 2022 Draft - Project Cambridge - Integrated Case - Consolidated P&L	UHG-LIT-01912938-UHG-LIT-01912938
DX-721		Project Cambridge - Quantified Savings to Commercial Cusotomers and UHC/ Optum	UHG-LIT-01912942-UHG-LIT-01912942
DX-722		Projects Copper and Magnum - Buyer Summary	UHG-LIT-01912943-UHG-LIT-01912944
DX-723		Projects Copper and Magnum - Process Summary	UHG-LIT-01912945-UHG-LIT-01912945
DX-724		dNHI and ORD usage log	UHG-LIT-01912947
DX-725	7/00/2020	July 2020 OPTUM Presentation: Competitive intelligence	UHG-VAL-00001317-UHG-VAL-00001327
DX-726		Top Competitor Summary - Life Sciences	UHG-VAL-00001328-UHG-VAL-00001328

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DX-727	9/1/2020	Fall 2020 Optum Presentation: OptumInsight Portfolio Strategy Review: Payment Integrity Editing Claims Edit System	UHG-VAL-00001910-UHG-VAL-00001946
DX-728	10/00/2017	Optum Data Security and Privacy - October 2017	UHG-VAL-00001998-UHG-VAL-00001999
DX-729	1/20/2022	January 20, 2022 email from E. Waldbeser to A. Hoag, B. Bhagat (cc T. Butler, K. Hebda) re [EXTERNAL] DOJ CID No. 30718, Change Healthcare, Inc. / United Health Group Inc. - January 18, 2022 Production (attaching Anthem's Response to DOJ CID NO. 30718.pdf;2022.01.18 Transmittal Ltr Anthem CID No. 30718.pdf)	USDOJ-001-000001340-USDOJ-001-000001365
DX-730	7/21/2021	July 21, 2021 email from A. Wait to B. Bhagat (cc J. Brody, M. Brazill, M. Ortegon, L. Roter, N. Daniel) re CID No. 30650: UnitedHealth Group (Optum)/Change Investigation (attaching 2021.07.21 Availity Submission Attachments.zip;2021.07.21 Wait to Bhagat (7.12 questions response).pdf)	USDOJ-001-000001995-USDOJ-001-000002463
DX-731	5/10/2021	May 10, 2021 email from J. Maack to E. Merle re Frictionless/Transparent (attaching 201216 - Cambridge - Talk Track for John and Dave.docx; 201221 - Cambridge BoD Images vCONSOLIDATED.pptx)	USDOJ-004-000013669-USDOJ-004-000013687
DX-732	9/27/2019	September 27, 2019 Cigna Comment letter on Docket CMS-2019-0109	USDOJ-007-000003516-USDOJ-007-000003523
DX-733	11/27/2019	Dept. of Health & Human Services, Medicare and Medicaid Programs: CY 2020 Hospital Outpatient PPS Policy Changes and Payment Rates and Ambulatory Surgical Center Payment System Policy Changes and Payment Rates; Price Transparency Requirements for Hospitals to Make Standard Charges Public, 84 Fed. Reg. 65524 (Nov. 27, 2019)	USDOJ-007-000023125-USDOJ-007-000023207
DX-734	11/12/2020	Dep't of Health & Human Services, Transparency in Coverage, 85 Fed. Reg. 72158 (Nov. 12, 2020)	USDOJ-007-000045590-USDOJ-007-000045742
DX-735		Waystar Slide: Data Licensing Summary	WTI_22cv481_00000066- WTI_22cv481_00000066
DX-736		Waystar Slide: Takeout Program - Change Healthcare	WTI_22cv481_00000094- WTI_22cv481_00000094
DX-737		Waystar webpage: Change Doesn't Have to be Hard	WTI_22cv481_00000533- WTI_22cv481_00000533
DX-738		Waystar "Change Healthcare Battlecard"	WTI_22cv481_00000534- WTI_22cv481_00000545
DX-739	8/00/2019	4(c)-1 OptumInsight Administrative and Clinical Platform Opportunity	
DX-740		4(c)-12 - UHG Summary of Change Healthcare	
DX-741		4(c)-16 - Project Cambridge; Key Due Diligence Considerations (Product Due Diligence Performed by: Kurt Adams, Jeff Meyerhofer, Girish Pandey, Mark Johns, Doug Haddad, Glen Kvadus)	
DX-742		4(c)-17 - Project Cambridge Key Due Diligence Considerations (Clinical Workstream Due Diligence Performed by: Hamilton Shawn, Andrea Chasin and Eric Kim (with support from Anne Docimo, Dan Frank, and Nick Fees)	
DX-743	12/17/2020	4(c)-20 - Project Cambridge Key Due Diligence Considerations (Enterprise Data Opportunities Due Diligence Performed by: Sheenu Kachru, Mike Sanky, Peter Dumont, Mitch Granberg, Paymon Farazi and Paul Higday)	
DX-744	12/13/2020	4(c)-21 - Project Cambridge Key Due Diligence Considerations (Enterprise Data Opportunities Due Diligence Performed by Paul Higday)	

Exhibit #	Doc Date	Exhibit Description	Bates Range
DX-745	12/20/2020	4(c)-22 - Memorandum from Clay Rudolph to Dave Wichmann, John Rex (CC Rich Mattera, Dan Schumacher, Robert Musslewhite, Ben Goodman, Rick Hardy, Steve Yurjevich, Kurt Adams, Todd Gustin) re Change Healthcare Follow Ups	
DX-746	2/19/2021	4(c)-27 - Project Cambridge Summary February 2021	
DX-747	1/7/2020	4(c)-5 - Project Cambridge	
DX-748		4(c)-6 Project Cambridge	
DX-749		4(c)-8 - Opportunity Summary and Alignment	
DX-750	02/00/2021	4c-36 - Change Healthcare Executive Update (Privileged & Confidential) - Transaction Overview	
DX-751	4/25/2022	April 25, 2022 Email from J. Keeney to T. McCarrick, E. Odette, O. Kogan, T. Chapman, B. Bhagat, R. Karr, E. Welsh, J. Brody (CC W. Allen, S. Razi, P. Miller, A. Ellis, D. Owsley, D. Gelfand, D. Culley, K. Brandish, S. Houck, C. Primis, A. Sidrys, M. Reilly, J. Ayer, R. Cunningham, A. Bracato, S. Padilla, K. Farnsworth, K. Sturek, J. Bernick, C. Loughlin, A. Howlett, J. Hamilton) re United States, et al. v. United Health Group Incorporated, et al. - No. 1:22-cv-00481 - Meet and Confer re Plaintiffs' Objections to Defendants' First Set of Discovery Requests	
DX-752	4/25/2022	April 25, 2022 SEC Form 8-K for Change HealthCare	
DX-753	5/2/2022	Availity, L.L.C. Responses and Objections to UHG Subpoena	
DX-754		Chart: EDI Clearinghouse and First-Pass Claims Editing Solutions Vendor(s) for Largest Health Insurers	
DX-755		CHG Audit Tracking	
DX-756	6/8/2022	CMS.gov - Enforcement Actions (Civil Monetary Penalty notices issued by CMS)	
DX-757	1/29/2020	Comment on CMS-2019-0163-0002 (012920 Cigna Comment Letter on CMS 9915 P.Final)	
DX-758	1/29/2020	Comment on CMS-2019-0163-0002 (CVS Health Transparency in Coverage Comments 2020-01-29)	
DX-759		December 2021 Global Business Services Report: Supplier Compliance Assessment, Executive Summary, Documentation Assessment of Dental Benefit Providers	
DX-760		December 2021 Global Business Services Report: Supplier Compliance Assessment, Executive Summary, Documentation Assessment of OptumHealth	
DX-761		December 2021 Global Business Services Report: Supplier Compliance Assessment, Executive Summary, Documentation Assessment of OptumInsight	
DX-762		Ex. 11 Steve Yurjevich 1-27-2022 Deposition, Spec. 40.	
DX-763	1/3/2022	Exhibit B to January 3, 2022 Advocacy Paper: Exhibit B. Change Healthcare's Medical EDI Share in the Payer Segment	
DX-764	1/3/2022	Exhibit D to January 3, 2022 Advocacy Paper: Exhibit D. Additional Information Regarding Selected EDI Competitors	
DX-765		Fed. R. Evid. 1006 Summary Compilation of June 9, 2022 Commitments Letters (Data Solutions Distribution)	
DX-766		Fed. R. Evid. 1006 Summary Compilation of June 9, 2022 Commitments Letters (EDI Distribution)	
DX-767		Fed. R. Evid. 1006 Summary Compilation of Returned Forms from Commitments Letters	

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DX-768		Frost and Sullivan, US Clinical Decision Support System (CDSS) Growth Opportunities: Sparking Future Growth Potential for Health Data, AI, and SDoH to Increase Accuracy and Efficiency among Providers and Payers and Improve the Patient Journey	
DX-769	1/29/2020	January 29, 2020 Letter from Cigna to Department of Health and Human services re CMS-9915-P Transparency in Coverage Proposed Rule	
DX-770		WITHDRAWN	WITHDRAWN
DX-771	5/27/2022	Letter Re: Customer Commitment from UnitedHealth Group to Change Customers, May 27, 2022	
DX-772	12/27/2021	Letter Re: Proposed Merger of UnitedHealth Group and Change Healthcare DOJ File No. 60-511210-0159, December 27, 2021	
DX-773		Letter Re: Proposed Merger of UnitedHealth Group and Change Healthcare DOJ File No. 60-511210-0159, September 7, 2021	
DX-774	9/23/2020	September 23, 2020 UnitedHealth Group Memo from C. Rudolph to D. Wichmann, D. McMahon, D. Schumacher, K. Ehlert, R. Musslewhite, R. Hardy, S. Yurjevich (cc R. Mattera, C. Hasslinger, J. Maack, S. Schneweis) re Change Healthcare Meeting Preparation Materials	
DX-775	5/31/2022	Summary Response from IBM Regarding DOJ v UHG Subpoenas to IBM -- May 31, 2022	
DX-776		U.S. Department of Justice & The Federal Trade Commission Vertical Merger Guidelines	
DX-777		U.S. Department of Justice Antitrust Division Merger Remedies Manual	
DX-778	9/20/2021	UHG Response to DOJ Second Request Specification 40	
DX-779	5/31/2022	UHG Responses & Objections to Plaintiffs' Second Set of Interrogatories	
DX-780	5/13/2022	UHG Second Supplemental Responses & Objections to Plaintiffs' First Set of Interrogatories	
DX-781	4/13/2022	UnitedHealth Group Incorporated's Responses and Objections to Plaintiffs' First Set of Interrogatories, April 13, 2022, Response To Interrogatory No. 6	
DX-782		Unitedhealth Group Investor Conference 2021	
DX-783		Updated Form of Transition Services Agreement by and between United Health Group Incorporated and Color Immediate, LLC (Exhibit B to Equity Purchase Agreement by and between United Health Group Incorporated and Color Immediate, LLC)	