

**LUMEN TECHNOLOGIES, INC.  
SUBSIDIARIES OF THE REGISTRANT  
AS OF December 31, 2021**

| <b>Subsidiary</b>                                                                   | <b>State of<br/>incorporation<br/>or formation</b> |
|-------------------------------------------------------------------------------------|----------------------------------------------------|
| Actel, LLC                                                                          | Delaware                                           |
| Bloomington Telephone Company, Inc. (20%)                                           | Michigan                                           |
| Century Cellunet International, Inc.                                                | Louisiana                                          |
| Cellunet of India Limited                                                           | Mauritius                                          |
| Century Telephone of West Virginia, Inc.                                            | West Virginia                                      |
| Lumen Clarke M. Williams Foundation                                                 | Colorado                                           |
| CenturyLink Communications, LLC Formerly known as Qwest Communications Company, LLC | Delaware                                           |
| Boxgate Holdings, LLC                                                               | Delaware                                           |
| ELASTICBOX INC., SUCURSAL EN ESPAÑA                                                 | Spain                                              |
| Q Fiber, LLC                                                                        | Delaware                                           |
| Qwest International Services Corporation                                            | Delaware                                           |
| CenturyLink Comunicações Ltda.                                                      | Brazil                                             |
| Qwest Transoceanic, Inc.                                                            | Delaware                                           |
| Qwest Communications International Ltd.                                             | United Kingdom                                     |
| CenturyLink Limited                                                                 | United Kingdom                                     |
| Qwest Holdings, BV                                                                  | Netherlands                                        |
| Qwest Germany GmbH                                                                  | Germany                                            |
| Qwest Netherlands BV                                                                | Netherlands                                        |
| Qwest Peru S.R.L.                                                                   | Peru                                               |
| Lumen Technologies Asia Pacific Holdings Limited                                    | Hong Kong                                          |
| Lumen Technologies Australia Pty Ltd                                                | Australia                                          |
| Lumen Technologies Japan KK                                                         | Japan                                              |
| Qwest Communications Korea, Limited                                                 | Korea                                              |
| Qwest Hong Kong Telecommunications, Limited                                         | Hong Kong                                          |
| Lumen Technologies Singapore Pte. Ltd.                                              | Singapore                                          |
| Qwest Taiwan Telecommunications, Limited                                            | Taiwan                                             |
| SEAL Consulting, Inc.                                                               | New Jersey                                         |
| CenturyLink Europe B.V.                                                             | Netherlands                                        |
| CenturyLink Europe B.V./, M., The Netherlands, filial Sweden                        | Sweden                                             |
| CenturyLink Europe B.V., Sucursal en España                                         | Spain                                              |
| Lumen Technologies Philippines, Inc.                                                | Philippines                                        |
| Lumen Technology Services Taiwan Limited                                            | Taiwan                                             |
| Lumen Technologies Hong Kong Limited                                                | Hong Kong                                          |
| Lumen Technologies Colocation Hong Kong Limited                                     | Hong Kong                                          |
| Lumen Technologies Services (Shanghai) Co., Ltd.                                    | China                                              |
| Digital Savvis HK JV Limited (50%)                                                  | British VI                                         |
| Digital Savvis HK Holding 1 Limited                                                 | British VI                                         |
| Digital Savvis Investment Management HK Limited                                     | Hong Kong                                          |
| Digital Savvis Management Subsidiary Limited                                        | Hong Kong                                          |

| <b>Subsidiary</b>                             | <b>State of<br/>incorporation<br/>or formation</b> |
|-----------------------------------------------|----------------------------------------------------|
| Lumen Technologies Services Malaysia Sdn. Bhd | Malaysia                                           |
| CenturyLink (Thailand) Limited                | Thailand                                           |
| CenturyLink Canada, Inc.                      | Canada                                             |
| SAVVIS Communications Chile, S.A.             | Chile                                              |
| SAVVIS Federal Systems, Inc.                  | Delaware                                           |
| SAVVIS Communications International, Inc.     | Delaware                                           |
| Lumen Technologies Korea Limited              | Korea                                              |
| SAVVIS Communications Private Limited         | India                                              |
| SAVVIS Mexico, S.A. de C.V.                   | Mexico                                             |
| Egnyte, Inc.                                  | Delaware                                           |
| Wam!Net Japan K.K.                            | Japan                                              |
| CenturyLink of Louisiana, LLC                 | Louisiana                                          |
| CenturyTel of Adamsville, Inc.                | Tennessee                                          |
| CenturyTel of Arkansas, Inc.                  | Arkansas                                           |
| CenturyTel Broadband Services, LLC            | Louisiana                                          |
| CenturyTel TeleVideo, Inc.                    | Wisconsin                                          |
| CenturyTel/Teleview of Wisconsin, Inc.        | Wisconsin                                          |
| Qwest Broadband Services, Inc.                | Delaware                                           |
| CenturyTel Broadband Wireless, LLC            | Louisiana                                          |
| CenturyTel of Central Indiana, Inc.           | Indiana                                            |
| CenturyTel of Chester, Inc.                   | Iowa                                               |
| CenturyTel of Claiborne, Inc.                 | Tennessee                                          |
| CenturyTel Holdings, Inc.                     | Louisiana                                          |
| Century Marketing Solutions, LLC              | Louisiana                                          |
| CenturyTel Arkansas Holdings, Inc.            | Arkansas                                           |
| CenturyTel of Central Arkansas, LLC           | Louisiana                                          |
| CenturyTel of Northwest Arkansas, LLC         | Louisiana                                          |
| CenturyTel Holdings Alabama, Inc.             | Alabama                                            |
| CenturyTel of Alabama, LLC                    | Louisiana                                          |
| CenturyTel Holdings Missouri, Inc.            | Missouri                                           |
| CenturyTel of Missouri, LLC                   | Louisiana                                          |
| CenturyTel of the Northwest, Inc.             | Washington                                         |
| Brown Equipment Corp.                         | Nevada                                             |
| Carter Company, Inc.                          | Hawaii                                             |
| Cascade Autovon Company                       | Washington                                         |
| CenturyTel/Cable Layers, Inc.                 | Wisconsin                                          |
| CenturyTel of Central Wisconsin, LLC          | Delaware                                           |
| CenturyTel of Colorado, Inc.                  | Colorado                                           |
| CenturyTel of Eagle, Inc.                     | Colorado                                           |
| CenturyTel of Eastern Oregon, Inc.            | Oregon                                             |
| CenturyTel Entertainment, Inc.                | Washington                                         |
| CenturyTel of Fairwater-Brandon-Alto, LLC     | Delaware                                           |
| CenturyTel of Forestville, LLC                | Delaware                                           |
| CenturyTel of the Gem State, Inc. (97%)       | Idaho                                              |

| <b>Subsidiary</b>                           | <b>State of<br/>incorporation<br/>or formation</b> |
|---------------------------------------------|----------------------------------------------------|
| CenturyTel of Inter Island, Inc.            | Washington                                         |
| CenturyTel of Larsen-Readfield, LLC         | Delaware                                           |
| CenturyTel of the Midwest-Kendall, LLC      | Delaware                                           |
| CenturyTel of the Midwest-Wisconsin, LLC    | Delaware                                           |
| CenturyTel of Minnesota, Inc.               | Minnesota                                          |
| CenturyTel of Monroe County, LLC            | Delaware                                           |
| CenturyTel of Montana, Inc. (99%)           | Oregon                                             |
| CenturyTel of Northern Wisconsin, LLC       | Delaware                                           |
| CenturyTel of Northwest Wisconsin, LLC      | Delaware                                           |
| CenturyTel of Oregon, Inc.                  | Oregon                                             |
| CenturyTel of Paradise, Inc.                | Washington                                         |
| CenturyTel of Cowiche, Inc.                 | Washington                                         |
| CenturyTel of Postville, Inc.               | Iowa                                               |
| CenturyTel of Southern Wisconsin, LLC       | Delaware                                           |
| CenturyTel of the Southwest, Inc.           | New Mexico                                         |
| CenturyTel Telecom Service, Inc.            | Washington                                         |
| CenturyTel Telephone Utilities, Inc.        | Washington                                         |
| CenturyTel of Upper Michigan, Inc.          | Michigan                                           |
| CenturyTel of Washington, Inc.              | Washington                                         |
| CenturyTel/WORLDVOX, Inc.                   | Oregon                                             |
| CenturyTel of Wyoming, Inc.                 | Wyoming                                            |
| Eagle Valley Communications Corporation     | Colorado                                           |
| International Communications Holdings, Inc. | Delaware                                           |
| Pacific Telecom, Inc. (Shell)               | Oregon                                             |
| PTI Communications of Ketchikan, Inc.       | Alaska                                             |
| PTI Communications of Minnesota, Inc.       | Minnesota                                          |
| PTI Transponders, Inc.                      | Oregon                                             |
| Universal Manufacturing Corp.               | Wisconsin                                          |
| CenturyTel of Idaho, Inc.                   | Delaware                                           |
| CenturyTel Internet Holdings, Inc.          | Louisiana                                          |
| centurytel.com, LLC                         | Louisiana                                          |
| CenturyTel Investments, LLC                 | Louisiana                                          |
| CenturyTel of Michigan, Inc.                | Michigan                                           |
| CenturyTel Midwest - Michigan, Inc.         | Michigan                                           |
| CenturyTel Mobile Communications, Inc.      | Louisiana                                          |
| CenturyTel of Mountain Home, Inc.           | Arkansas                                           |
| CenturyTel of North Mississippi, Inc.       | Mississippi                                        |
| CenturyTel of Northern Michigan, Inc.       | Michigan                                           |
| CenturyTel of Odon, Inc.                    | Indiana                                            |
| CenturyTel of Ohio, Inc.                    | Ohio                                               |
| CenturyTel of Ooltewah-Collegedale, Inc.    | Tennessee                                          |
| CenturyTel of Port Aransas, Inc.            | Texas                                              |
| CenturyTel of Redfield, Inc.                | Arkansas                                           |
| CenturyTel SM Telecorp, Inc.                | Texas                                              |

| <b>Subsidiary</b>                               | <b>State of<br/>incorporation<br/>or formation</b> |
|-------------------------------------------------|----------------------------------------------------|
| CenturyTel Telecommunications, Inc.             | Texas                                              |
| CenturyTel of San Marcos, Inc.                  | Texas                                              |
| CenturyTel San Marcos Investments, LLC          | Delaware                                           |
| CenturyTel Security Systems, Inc.               | Louisiana                                          |
| Lumen Technologies Service Group, LLC           | Louisiana                                          |
| CenturyTel of South Arkansas, Inc.              | Arkansas                                           |
| CenturyTel Supply Group, Inc.                   | Louisiana                                          |
| CenturyTel/Tele-Max, Inc.                       | Texas                                              |
| CenturyTel of Lake Dallas, Inc.                 | Texas                                              |
| CenturyTel Web Solutions, LLC                   | Louisiana                                          |
| CenturyTel of Wisconsin, LLC                    | Louisiana                                          |
| Embarq Corporation                              | Delaware                                           |
| Carolina Telephone and Telegraph Company LLC    | North Carolina                                     |
| NOCUTS, Inc.                                    | Pennsylvania                                       |
| SC One Company                                  | Kansas                                             |
| Centel Corporation                              | Kansas                                             |
| Centel Capital Corporation                      | Delaware                                           |
| Centel-Texas, Inc.                              | Texas                                              |
| Central Telephone Company of Texas              | Texas                                              |
| EQ Central Texas Equipment LLC                  | Texas                                              |
| Central Telephone Company                       | Delaware                                           |
| CenturyLink of Nevada, LLC                      | Delaware                                           |
| Central Telephone Company of Virginia           | Virginia                                           |
| Embarq Florida, Inc.                            | Florida                                            |
| The Winter Park Telephone Company               | Florida                                            |
| CenturyLink Intellectual Property LLC           | Delaware                                           |
| Embarq Directory Trademark Company, LLC         | Delaware                                           |
| CenturyLink Sales Solutions, Inc.               | Delaware                                           |
| Embarq, Inc.                                    | Kansas                                             |
| Embarq Capital Corporation                      | Delaware                                           |
| SC Seven Company                                | Kansas                                             |
| Embarq Interactive Holdings LLC                 | Delaware                                           |
| Embarq Interactive Markets LLC                  | Delaware                                           |
| Embarq Management Company                       | Delaware                                           |
| Embarq Mid-Atlantic Management Services Company | North Carolina                                     |
| Embarq Minnesota, Inc.                          | Minnesota                                          |
| Embarq Missouri, Inc.                           | Missouri                                           |
| SC Eight Company                                | Kansas                                             |
| Embarq Network Company LLC                      | Delaware                                           |
| EQ Equipment Leasing, Inc.                      | Delaware                                           |
| United Telephone Company of the Carolinas LLC   | South Carolina                                     |
| SC Two Company                                  | Kansas                                             |
| United Telephone Company of Eastern Kansas      | Delaware                                           |
| United Telephone Company of Florida             | Florida                                            |

| <b>Subsidiary</b>                                  | <b>State of<br/>incorporation<br/>or formation</b> |
|----------------------------------------------------|----------------------------------------------------|
| United Telephone Company of Indiana, Inc.          | Indiana                                            |
| SC Four Company                                    | Kansas                                             |
| United Telephone Company of Kansas                 | Kansas                                             |
| Embarq Midwest Management Services Company         | Kansas                                             |
| United Teleservices, Inc.                          | Kansas                                             |
| United Telephone Company of New Jersey, Inc.       | New Jersey                                         |
| United Telephone Company of the Northwest          | Oregon                                             |
| United Telephone Company of Ohio                   | Ohio                                               |
| SC Five Company                                    | Kansas                                             |
| United Telephone Company of Pennsylvania LLC, The  | Pennsylvania                                       |
| SC Six Company                                     | Kansas                                             |
| Valley Network Partnership (40% aggregate)         | Virginia                                           |
| United Telephone Company of Southcentral Kansas    | Arkansas                                           |
| United Telephone Company of Texas, Inc.            | Texas                                              |
| EQ United Texas Equipment LLC                      | Texas                                              |
| United Telephone Company of the West               | Delaware                                           |
| United Telephone Southeast LLC                     | Virginia                                           |
| SC Three Company                                   | Kansas                                             |
| Hillsboro Telephone Company, Inc. (20%)            | Wisconsin                                          |
| Lafayette MSA Limited Partnership (49%)            | Delaware                                           |
| Madison River Communications Corp.                 | Delaware                                           |
| Gallatin River Holdings L.L.C.                     | Delaware                                           |
| Gallatin River Communications L.L.C.               | Delaware                                           |
| Madison River Finance Corp.                        | Delaware                                           |
| Madison River Holdings LLC                         | Delaware                                           |
| Madison River LTD Funding LLC                      | Delaware                                           |
| Coastal Utilities, Inc.                            | Georgia                                            |
| Gulf Coast Services, LLC                           | Alabama                                            |
| Gulf Telephone Company, LLC                        | Alabama                                            |
| Madison River Management LLC                       | Delaware                                           |
| Mehtel, Inc.                                       | North Carolina                                     |
| Qwest Communications International, Inc.           | Delaware                                           |
| EUnet International Limited                        | United Kingdom                                     |
| Qwest Capital Funding, Inc.                        | Colorado                                           |
| Qwest Europe LLC                                   | Delaware                                           |
| Qwest Services Corporation                         | Colorado                                           |
| CenturyLink Investment Management Company          | Colorado                                           |
| Qwest Corporation                                  | Colorado                                           |
| RiskSense, Inc.                                    | Delaware                                           |
| 1200 Landmark Center Condominium Association, Inc. | Nebraska                                           |
| Qwest Database Services, Inc.                      | Colorado                                           |
| Qwest India Holdings, LLC                          | Delaware                                           |
| Lumen IT India Private Limited                     | India                                              |
| Seal Infotech Private Limited                      | India                                              |

| <b>Subsidiary</b>                             | <b>State of<br/>incorporation<br/>or formation</b> |
|-----------------------------------------------|----------------------------------------------------|
| The El Paso County Telephone Company          | Colorado                                           |
| MoveARoo, LLC (33.3%)                         | Delaware                                           |
| Qwest Dex Holdings, Inc.                      | Delaware                                           |
| Lumen Technologies Government Solutions, Inc. | Colorado                                           |
| Qwest Wireless, L.L.C.                        | Delaware                                           |
| Spectra Communications Group, LLC             | Delaware                                           |
| TelUSA Holdings, LLC (90%)                    | Delaware                                           |
| Telephone USA of Wisconsin, LLC               | Delaware                                           |
| Western Re, Inc.                              | Louisiana                                          |
| SIS Holdings LP                               | Delaware                                           |
| Wildcat Holdco LLC                            | Delaware                                           |
| Level 3 Parent, LLC                           | Delaware                                           |
| Legend Circle Holdings, Inc.                  | Delaware                                           |
| Eldorado Acquisition Two, Inc.                | Delaware                                           |
| Level 3 EON, LLC                              | Delaware                                           |
| Level 3 Financing, Inc.                       | Delaware                                           |
| Streamroot, Inc.                              | Delaware                                           |
| Streamroot SAS                                | France                                             |
| Level 3 Holdings, Inc.                        | Delaware                                           |
| Continental Holdings, Inc.                    | Wyoming                                            |
| KMI Continental Lignite, Inc.                 | Delaware                                           |
| Continental Level 3, Inc.                     | Delaware                                           |
| Continental Mineral Sales, Inc.               | Delaware                                           |
| CCC Canada Holding, Inc.                      | Delaware                                           |
| AmSoft Information Services Limited           | Mauritius                                          |
| Level 3 International Services, Inc.          | Delaware                                           |
| Lumen Technologies Denmark ApS                | Denmark                                            |
| Lumen Technologies Austria GmbH               | Austria                                            |
| BTE Equipment, LLC                            | Delaware                                           |
| Level 3 Communications Canada Co.             | Nova Scotia                                        |
| Level 3 Communications, LLC                   | Delaware                                           |
| Global Crossing Americas Solutions, LLC       | Delaware                                           |
| Global Crossing Americas Solutions, LLC       | Puerto Rico Branch                                 |
| CenturyLink Latin American Solutions, LLC     | Delaware                                           |
| Level 3 Communications of Virginia, Inc.      | Virginia                                           |
| XCOM Technologies of New York, Inc.           | New York                                           |
| IP Networks, Inc.                             | Delaware                                           |
| TelCove Operations, LLC                       | Delaware                                           |
| TelCove of Pennsylvania, LLC                  | Delaware                                           |
| WiTel Communications (Cayman) Limited         | Cayman Islands                                     |
| WiTel International Telecom (Chile) Limited   | Cayman Islands                                     |
| Williams Comunicaciones Chile Limitada        | Chile                                              |
| WiTel Communications Network, Inc.            | Canada                                             |
| WiTel Communications, LLC                     | Delaware                                           |

| <b>Subsidiary</b>                             | <b>State of<br/>incorporation<br/>or formation</b> |
|-----------------------------------------------|----------------------------------------------------|
| WilTel Communications Pty Limited             | Australia                                          |
| Vyvx, LLC                                     | Delaware                                           |
| FTV Communications, LLC                       | Delaware                                           |
| Broadwing, LLC                                | Delaware                                           |
| ACME Grating Ventures, L.L.C.                 | Delaware                                           |
| Broadwing Communications, LLC                 | Delaware                                           |
| Corvis Gratings Company                       | Nova Scotia, Canada                                |
| Corvis Canada Inc.                            | Quebec, Canada                                     |
| Global Crossing North American Holdings, Inc. | Delaware                                           |
| Global Crossing North America, Inc.           | New York                                           |
| Global Crossing Telecommunications, Inc.      | Michigan                                           |
| Global Crossing Local Services, Inc.          | Michigan                                           |
| Global Crossing Telemanagement VA, LLC        | Virginia                                           |
| Level 3 Enhanced Services, LLC                | Delaware                                           |
| Level 3 Telecom, LLC                          | Delaware                                           |
| Level 3 Telecom Holdings, LLC                 | Delaware                                           |
| Level 3 Telecom Data Services, LLC            | Delaware                                           |
| Level 3 Telecom of Arizona, LLC               | Delaware                                           |
| Level 3 Telecom of Colorado, LLC              | Delaware                                           |
| Level 3 Telecom of Idaho, LLC                 | Delaware                                           |
| Level 3 Telecom of Illinois, LLC              | Delaware                                           |
| Level 3 Telecom of Iowa, LLC                  | Delaware                                           |
| Level 3 Telecom of Minnesota, LLC             | Delaware                                           |
| Level 3 Telecom of New Mexico, LLC            | Delaware                                           |
| Level 3 Telecom of Ohio, LLC                  | Delaware                                           |
| Level 3 Telecom of Oregon, LLC                | Delaware                                           |
| Level 3 Telecom of South Carolina, LLC        | Delaware                                           |
| Level 3 Telecom of Tennessee, LLC             | Delaware                                           |
| Level 3 Telecom of Texas, LLC                 | Delaware                                           |
| Level 3 Telecom of Utah, LLC                  | Delaware                                           |
| Level 3 Telecom of Washington, LLC            | Delaware                                           |
| Level 3 Telecom Management Co., LLC           | Delaware                                           |
| Xspedius Management Co. International, LLC    | Delaware                                           |
| Level 3 Telecom of Alabama, LLC               | Delaware                                           |
| Level 3 Telecom of Arkansas, LLC              | Delaware                                           |
| Level 3 Telecom of DC, LLC                    | Delaware                                           |
| Level 3 Telecom of Kansas City, LLC           | Delaware                                           |
| Level 3 Telecom of Kentucky, LLC              | Kentucky                                           |
| Level 3 Telecom of Louisiana, LLC             | Delaware                                           |
| Level 3 Telecom of Maryland, LLC              | Delaware                                           |
| Level 3 Telecom of Mississippi, LLC           | Delaware                                           |
| Level 3 Telecom of Nevada, LLC                | Delaware                                           |
| Level 3 Telecom of Oklahoma, LLC              | Delaware                                           |
| Level 3 Telecom of Virginia, LLC              | Virginia                                           |

| <b>Subsidiary</b>                                       | <b>State of<br/>incorporation<br/>or formation</b> |
|---------------------------------------------------------|----------------------------------------------------|
| Level 3 Telecom Holdings II, LLC                        | Delaware                                           |
| Level 3 Telecom, LP                                     | Delaware                                           |
| Level 3 Telecom of California, LP                       | Delaware                                           |
| Level 3 Telecom of Florida, LP                          | Delaware                                           |
| Level 3 Telecom of Georgia, LP                          | Delaware                                           |
| Level 3 Telecom of Hawaii, LP                           | Delaware                                           |
| Level 3 Telecom of Indiana, LP                          | Delaware                                           |
| Level 3 Telecom of New Jersey, LP                       | Delaware                                           |
| Level 3 Telecom of New York, LP                         | Delaware                                           |
| Level 3 Telecom of North Carolina, LP                   | Delaware                                           |
| Level 3 Telecom of Wisconsin, LP                        | Delaware                                           |
| Level 3 GC Limited                                      | Bermuda                                            |
| CenturyLink Communications PEC Luxembourg I S.à r.l.    | Luxembourg                                         |
| CenturyLink Communications PEC Luxembourg II S.à r.l.   | Luxembourg                                         |
| CenturyLink Communications PEC Services Europe Limited  | Ireland                                            |
| CenturyLink Communications PEC Services Ireland Limited | Ireland                                            |
| Lumen Technologies PEC Ireland Limited                  | Ireland                                            |
| Level 3 Communications Hong Kong Limited                | Hong Kong                                          |
| Level 3 Communications Singapore Pte. Ltd.              | Singapore                                          |
| Level 3 Communications Australia Pty Ltd                | Australia                                          |
| Global Crossing International Networks Ltd.             | Bermuda                                            |
| Level 3 Communications St. Croix, Inc.                  | US Virgin Islands                                  |
| Century Link Costa Rica S.R.L.                          | Costa Rica                                         |
| CenturyLink Panama Inc.                                 | Panama                                             |
| Lumen Technologies Brasil Holding, Ltda.                | Brazil                                             |
| CenturyLink Brasil Comunicações e Serviços Ltda.        | Brazil                                             |
| CenturyLink Communications (IMPSAT) Nederland B.V.      | Netherlands                                        |
| CenturyLink Impsat Holdings I Limited                   | United Kingdom                                     |
| CenturyLink Impsat Holdings II Limited                  | United Kingdom                                     |
| CTL Mexico Servicios, S. De R. L. de C. V.              | Mexico                                             |
| CTL Mexico Landing, S. de R.L.                          | Mexico                                             |
| CTL Mexico II, S. de R.L. de C.V.                       | Mexico                                             |
| CenturyLinkEcuador S.A.                                 | Ecuador                                            |
| CenturyLink Telecomunicaciones S.A.                     | Venezuela                                          |
| CenturyLink Peru S.A.                                   | Peru                                               |
| CenturyLink Chile S.A.                                  | Chile                                              |
| CenturyLink Colombia S.A.S.                             | Colombia                                           |
| CenturyLink Participações e Comercial Ltda.             | Brazil                                             |
| CenturyLink Comunicações do Brasil Ltda.                | Brazil                                             |
| Impsat Fiber Networks, LLC                              | Delaware                                           |
| CenturyLink Argentina S.A.                              | Argentina                                          |
| CenturyLink Argentina S.A. Sucursal Uruguay             | Uruguay Branch                                     |
| Global Crossing International, Ltd.                     | Bermuda                                            |
| Level 3 Asia, Inc.                                      | Delaware                                           |

| <b>Subsidiary</b>                                          | <b>State of<br/>incorporation<br/>or formation</b> |
|------------------------------------------------------------|----------------------------------------------------|
| Level 3 Communications (Asia Pacific) Ltd.                 | Hong Kong                                          |
| Level 3 International, Inc.                                | Delaware                                           |
| Level 3 CDN International, Inc.                            | Delaware                                           |
| Lumen Technologies New Zealand Limited                     | New Zealand                                        |
| Lumen Technologies APAC Holdings Limited                   | United Kingdom                                     |
| Lumen Technologies EMEA Holdings Limited                   | United Kingdom                                     |
| Lumen Technologies Europe Limited                          | United Kingdom                                     |
| Level Three Telecommunications Kenya Limited               | Kenya                                              |
| Lumen Technologies UK Limited                              | United Kingdom                                     |
| Fibernet UK Limited                                        | United Kingdom                                     |
| CenturyLink Communications India Private Limited           | India                                              |
| Level 3 Holdings B.V.                                      | Netherlands                                        |
| CenturyLink Communications Iceland ehf                     | Iceland                                            |
| Lumen Technologies Bulgaria EOOD                           | Bulgaria                                           |
| Lumen Technologies Poland SP. Z o.o.                       | Poland                                             |
| CenturyLink Communications Croatia Usluge d.o.o.           | Croatia                                            |
| CenturyLink Communications Sweden AB                       | Sweden                                             |
| Lumen Technologies Norge AS                                | Norway                                             |
| Lumen Technologies France S.A.S.*                          | France                                             |
| CenturyLink Communications Hungary Kft.                    | Hungary                                            |
| Lumen Technologies Italia S.R.L.                           | Italy                                              |
| Lumen Technologies Switzerland AG                          | Switzerland                                        |
| Lumen Technologies Iberia SA                               | Spain                                              |
| CenturyLink Communications España S.A Sucursal em Portugal | Portuguese Branch                                  |
| Lumen Teknoloji Hizmetleri Limited Şirketi                 | Turkey                                             |
| Lumen Technologies Germany GmbH                            | Germany                                            |
| Lumen Technologies NL B.V.                                 | Netherlands                                        |
| Level 3 Communications Japan KK                            | Japan                                              |
| Lumen Technologies NL B.V.                                 | Greek Branch                                       |
| CenturyLink Telekomunikacijske Storitve doo                | Slovenia                                           |
| Lumen Technologies Israel Ltd.                             | Israel                                             |
| Level 3 Communications Limited                             | United Kingdom                                     |
| CenturyLink Communications Finland Oy                      | Finland                                            |
| Lumen Technologies Belgium SA                              | Belgium                                            |
| CenturyLink Communications RS d.o.o. Beograd-Vračar        | Serbia                                             |
| Lumen Technologies EMEA Ireland Limited                    | Ireland                                            |
| Lumen Technologies CDN Ireland Limited                     | Ireland                                            |
| CenturyLink Communications CZ s.r.o                        | Czech Republic                                     |
| Lumen Technologies Luxembourg S.à r.l.                     | Luxembourg                                         |
| CenturyLink Communications Estonia OÜ                      | Estonia                                            |
| Lumen Technologies OOO                                     | Russia                                             |
| Group Lumen South Africa (PTY) Ltd                         | South Africa                                       |
| CenturyLink Communications Slovakia spol. S.r.o.           | Slovakia                                           |
| Level 3 Europe B.V.                                        | Netherlands                                        |

| Subsidiary                                    | State of<br>incorporation<br>or formation |
|-----------------------------------------------|-------------------------------------------|
| Lumen Technologies Romania S.R.L.             | Romania                                   |
| CenturyLink Community Giving Foundation, Inc. | Colorado                                  |