

Version 1 - Version 1.1 Changelog

Utility Network Properties

- Network Attributes
 - C:UsageType
 - Added
 - C:ConnectionType
 - Removed
 - C:Connector Use
 - Removed
- Categories
 - C:Cable Termination
 - Added
 - C:Port
 - Added
 - C:Splice
 - Added
- Terminal Configurations
 - Communications Hub
 - Removed
- Diagram Templates
 - Basic
 - Added
 - Cable Diagram
 - Added
 - CollapseContainers
 - Added
 - Duct Diagram
 - Added
 - ExpandContainers
 - Added
 - Splice Diagram
 - Added
 - Communications Downstream
 - Removed
 - Communications Upstream 1
 - Removed
 - Communications Upstream 2
 - Removed

Attribute Rules

- Attribute rules have been updated to 2.7

Classes

- Communications Edge Object
 - Fields
 - aisle
 - Field added
 - assetid
 - Field added
 - bay
 - Field added
 - building
 - Field added
 - floor
 - Field added
 - networksite
 - Field added
 - room
 - Field added
- Communications Device
 - Fields
 - aisle
 - Field added
 - assetid
 - Field added
 - bay
 - Field added
 - building
 - Field added
 - floor
 - Field added
 - room
 - Field added
 - insertaction
 - Field removed
- Communications Junction
 - Fields
 - aisle

- Field added
 - assetid
 - Field added
 - bay
 - Field added
 - building
 - Field added
 - floor
 - Field added
 - networksite
 - Field added
 - room
 - Field added
 - insertaction
 - Field removed
- Communications Line
 - Fields
 - aisle
 - Field added
 - assetid
 - Field added
 - bay
 - Field added
 - building
 - Field added
 - floor
 - Field added
 - networksite
 - Field added
 - room
 - Field added
 - insertaction
 - Field removed
- Structure Junction
 - Fields
 - depth_metric
 - Field added
 - designtype
 - Field added
 - diameter_metric
 - Field added
 - foundationtype

- Field added
 - height_metric
 - Field added
- Structure Line
 - Fields
 - diameterwidth_metric
 - Field added
- Structure Edge Object
 - Fields
 - ductdiameter
 - Field renamed to diameter

Asset Groups, Asset Types and assignments

- Communication Device
 - Asset Groups
 - Access Cable Components
 - Asset Types
 - Amplifier Enclosure
 - Added with code 7
 - Distribution Cable Components
 - Asset Types
 - Amplifier Enclosure
 - Added with code 7
 - Network Interface Unit
 - Added with code 6
 - Categories
 - C:Cable Termination added
 - Wall Plate
 - Added with code 201
 - Drop Cable Components
 - Asset Types
 - Amplifier Enclosure
 - Added with code 7
 - Hub Terminator
 - Categories
 - C:Cable Termination added
 - Network Interface Unit
 - Categories
 - C:Cable Termination added
 - Indoor Cable Components
 - Asset Types

- Amplifier Enclosure
 - Added with code 7
 - National Cable Components
 - Asset Types
 - Amplifier Enclosure
 - Added with code 7
 - Regional Cable Components
 - Asset Types
 - Amplifier Enclosure
 - Added with code 7
 - Hub Terminator
 - Categories
 - Subnetwork Controller added
 - Submarine Cable Components
 - Asset Types
 - Amplifier Enclosure
 - Added with code 7
 - Wireless Components
 - Asset Types
 - Combined Antenna Site
 - Removed
 - Microwave Antenna Site
 - Removed
 - Cell Antenna Site
 - Renamed to Wireless Site
- Communication Edge Object
 - Network Attribute Assignments
 - lifecyclestatus - Lifecycle Status assigned
 - Asset Groups
 - Link
 - Asset Types
 - Jumper Cable
 - Added with code 143
 - Connector
 - Asset Types
 - Equipment
 - Removed - Code 127
 - Equipment
 - Asset Types
 - Strand Device
 - Removed - Code 121
 - Switch

- Removed - Code 125
 - Amplifier
 - Added with code 21
 - Demultiplexer
 - Added with code 22
 - Multiplexer
 - Added with code 23
 - Splitter
 - Added with code 25
 - Switch
 - Added with code 26
 - Baseband Unit
 - Added with code 30
 - Medium Conversion
 - Removed
 - Wireless Equipment
 - Removed
- Communication Junction Object
 - Network Attribute Assignments
 - usagetype - C:UsageType assigned
 - lifecyclestatus - Lifecycle Status assigned
 - servicetype - C:Service Type removed
 - connectorusage - C:ConnectionType removed
 - Asset Groups
 - Antenna
 - Added with code 11
 - Asset Types
 - Microwave Antenna
 - Added with code 203
 - Categories
 - C:Wireless added
 - Terminal Configurations
 - Communications Port
 - Cell Antenna
 - Added with code 204
 - Categories
 - C:Wireless added
 - Terminal Configurations
 - Communications Port
 - Connector Group
 - Added with code 1

- Asset Types
 - Coax
 - Added with code 122
 - Copper
 - Added with code 123
 - Fiber
 - Added with code 124
- Chassis
 - Added with code 5
 - Asset Types
 - Amplifier
 - Added with code 21
 - Demultiplexer:
 - Added with code 22
 - Multiplexer:
 - Added with code 23
 - Splice:
 - Added with code 24
 - Splitter:
 - Added with code 25
 - Switch:
 - Added with code 26
 - Patch Panel:
 - Added with code 27
 - Baseband Unit:
 - Added with code 30
 - Remote Radio Unit:
 - Added with code 31
 - Microwave Antenna:
 - Added with code 203
 - Cell Antenna:
 - Added with code 204
- Port
 - Added with code 7
 - Asset Types
 - Switch Port:
 - Added with code 121
 - Categories:
 - C:Port
 - Splitter Port: added
 - Added with code 125
 - Categories:

- C:Port added
- Amplifier Port:
 - Added with code 127
 - Categories:
 - C:Port added
 - Terminal Configuration:
 - Communications Equipment
- Patch Panel Port:
 - Added with code 128
 - Categories:
 - C:Port added
 - Terminal Configuration:
 - Communications Equipment
- Demultiplexer Port:
 - Added with code 129
 - Categories:
 - C:Port added
- Multiplexer Port:
 - Added with code 130
 - Categories:
 - C:Port added
 - Terminal Configuration:
 - Communications Equipment
- Baseband Port:
 - Added with code 131
 - Categories:
 - C:Wireless added
- Remote Radio Unit Port:
 - Added with code 132
 - Categories:
 - C:Port added
 - Terminal Configuration:
 - Communications Equipment
- Cell Antenna Port:
 - Added with code 133
 - Categories:
 - C:Port added
 - Terminal Configuration:
 - Communications Equipment
- Microwave Antenna Port:
 - Added with code 134

- Categories:
 - C:Port added
 - Terminal Configuration:
 - Communications Equipment
 - Equipment
 - Code changed from 5 to 8
 - Asset Types
 - Amplifier
 - Added with code 21
 - Categories:
 - Subnetowrk Controller added
 - Terminal Configuration:
 - Communications Equipment
 - Demultiplexer:
 - Added with code 22
 - Categories:
 - Subnetowrk Controller added
 - Terminal Configuration:
 - Communications Equipment
 - Multiplexer:
 - Added with code 23
 - Categories:
 - Subnetowrk Controller added
 - Terminal Configuration:
 - Communications Equipment
 - Splitter:
 - Added with code 25
 - Categories:
 - Subnetowrk Controller added
 - Terminal Configuration:
 - Communications Equipment
 - Switch:
 - Added with code 26
 - Categories:
 - Subnetowrk Controller added
 - Terminal Configuration:
 - Communications Equipment
 - Baseband Unit:
 - Added with code 30
 - Terminal Configuration:
 - Communications Equipment
 - Medium Converter

- Removed
 - Port Group
 - Added with code 9
 - Asset Types
 - Input:
 - Added with code 161
 - Output:
 - Added with code 162
 - Tray:
 - Added with code 163
 - Slot:
 - Added with code 164
 - Splice
 - Added with code 12
 - Asset Types
 - Splice Point
 - Added with code 261
 - Categories
 - C:Splice added
 - Splice Group
 - Added with code 13
 - Asset Types
 - Tray
 - Added with code 163
 - Connector
 - Added with code 241
 - Coupler
 - Added with code 242
- CommunicationLine
 - Asset Groups
 - Indoor Cable
 - Asset Types
 - Coax
 - Categories
 - C:Cable added
 - Copper
 - Categories
 - C:Cable added
 - Fiber
 - Categories
 - C:Cable added
- Structure Boundary

- Asset Groups
 - Wire Vault Boundary
 - Asset Types
 - Duct Port
 - Removed - Code 2
- Structure Junction
 - Asset Groups
 - Marker
 - Asset Types
 - Submerged Cable
 - Added with code 464
 - Wire Handhole
 - Asset Types
 - Handhole
 - Association role changed from Container to Structure
 - Categories
 - Duct Bank removed
 - Wire Junction Box
 - Asset Types
 - Junction Box
 - Association role changed from Container to Structure
 - Wire Vault Access Point
 - Asset Types
 - Manhole
 - Association role changed from Container to Structure
 - Categories
 - Ducts added
 - Wire Pedestal
 - Asset Types
 - Pedestal
 - Association role changed from Container to Structure
 - Wire Vault
 - Asset Types
 - Vault
 - Association role changed from Container to Structure
 - Categories
 - Duct Bank removed
 - Communication Tower
 - Asset Types
 - Microwave Tower
 - Association role changed from Container to Structure
 - Wireless Tower
 - Association role changed from Container to Structure

- Combined Tower
 - Association role changed from Container to Structure
 - Stealth Cell Tower
 - Association role changed from Container to Structure
 - Wire Vault Knockouts
 - Asset Types
 - Knockout
 - Association role changed from Container to Structure
 - Categories
 - Duct Bank removed
 - Knockout Ports
 - Association role changed from Container to Structure
 - Categories
 - Duct Bank removed
- Structure Junction Object
 - Asset Groups
 - Wire Vault Knockouts
 - Asset Types
 - Knockout
 - Added with code 371
- Structure Line
 - Asset Groups
 - Communication Conduit
 - Asset Types
 - Conduit
 - Code changed from 121 to 111
 - Connector Line
 - Asset Types
 - Handhole Duct
 - Categories
 - Ducts added
 - Vault Duct
 - Categories
 - Duct Bank removed
 - Structure Edge Object
 - Network Attribute Assignments
 - diameter - Duct Diameter assigned

Tiers and Subnetworks

- All tiers have the following parameters set to false except where noted.
 - update_structure_features
 - update_container_features

- manage_subnetwork_isdirty - Enabled on Cable
 - include_containers
 - include_content
 - include_structures
 - validate_locatability
- Fiber
 - Tier removed
- Copper
 - Tier removed
- Coax
- Tier removed
- Cable
 - Tier added to Cables Tier Group
- Communications Circuit
 - Tier added to Strand Tier Group

Domains

- Changes to the asset type domains are listed in the Utility Network section
- Communications_Cable_OD_in
 - Inch replaced in all descriptions with "
- Communications_Conduit_Type
 - Code 1: Abandoned Electric Conduit changed to Code 101: Abandoned Electric Conduit
 - Code 2: Abandoned Gas Pipe changed to Code 102: Abandoned Gas Pipe
 - Code 3: Abandoned Water Main changed to Code 103: Abandoned Water Main
 - Code 4: Sewer pipe changed to Code 104: Sewer pipe
 - Code 5: Storm Pipe changed to Code 105: Storm Pipe
 - Code 106: Abandoned Communication Conduit added
- Communications_Connector_Type
 - Domain removed
- Communications_Device_Drop_Type
 - Code 1: SFU changed to Code 101
 - Code 2: Duplex changed to Code 102
 - Code 3: Triplex changed to Code 103
 - Code 4: Quadraplex changed to Code 104
 - Code 8: Small Cell Site changed to Code 108
 - Code 96: Marco Site changed to Code 110
- Communications_Port_Usage_Type

- Code 0: add with description 'Unknown'
- Code 21: add with description 'Amplifier'
- Code 22: add with description 'Demultiplexer'
- Code 23: add with description 'Multiplexer'
- Code 24: add with description 'Splice'
- Code 25: add with description 'Splitter'
- Code 26: add with description 'Switch'
- Code 27: add with description 'Patch Panel'
- Code 30: add with description 'Baseband Unit'
- Code 31: add with description 'Remote Radio Unit'
- Code 51: add with description 'In'
- Code 52: add with description 'Out'
- Code 203: add with description 'Microwave Antenna'
- Code 204: add with description 'Cell Antenna'
- Communications_Service_Type
 - Code 1: Commercial changed to Code 4
 - Code 2: Critical removed
 - Code 3: Residential changed to Code 2
 - Code 4: None removed
- Communications_Strand_Counts_Distribution
 - Code 2: add with description '2'
 - Code 4: add with description '4'
 - Code 6: add with description '6'
 - Code 8: add with description '8'
 - Code 12: add with description '12'
 - Code 16: add with description '16'
 - Code 18: add with description '18'
 - Code 24: add with description '24'
 - Code 36: add with description '36'
 - Code 48: add with description '48'
 - Code 60: add with description '60'
 - Code 576: add with description '576'
 - Code 668: add with description '668'
 - Code 720: add with description '720'
 - Code 864: add with description '864'
 - Code 1728: add with description '1728'
- Wire_Duct_Diameter
 - Inch replaced in all descriptions with "

- Wire_Duct_Diameter_mm
 - All existing codes removed and replaced with values below
 - Code 20 add with description 20 mm
 - Code 25 add with description 25 mm
 - Code 32 add with description 32 mm
 - Code 38 add with description 38 mm
 - Code 40 add with description 40 mm
 - Code 50 add with description 50 mm
 - Code 63 add with description 63 mm
 - Code 75 add with description 75 mm
 - Code 90 add with description 90 mm
 - Code 94 add with description 94 mm
 - Code 100 add with description 100 mm
 - Code 105 add with description 105 mm
 - Code 117 add with description 117 mm
 - Code 125 add with description 125 mm
 - Code 137 add with description 137 mm
 - Code 150 add with description 150 mm
 - Code 160 add with description 160 mm
 - Code 225 add with description 225 mm
- Wire_Structure_Cabinet_Design_Type
 - Code 0 add with description Unknown
 - Code 51 add with description Indoor
 - Code 52 add with description Water Proof
 - Code 53 add with description Water Tight
- Wire_Structure_Junction_Anchor_Guy_Type
 - Code 0 add with description Unknown
 - Code 41 add with description Single Helix
 - Code 42 add with description Double Helix
 - Code 43 add with description Triple Helix
 - Code 44 add with description Manta Ray
 - Code 45 add with description Square
 - Code 46 add with description Disk
 - Code 47 add with description Rock
- Wire_Structure_Junction_Cabinet_Material
 - Code 0 add with description Unknown
 - Code 1 add with description Stainless Steel
 - Code 4 add with description Fiberglass
 - Code 6 add with description Steel

- Code 10 add with description Plastic
- Code 15 add with description Nickel
- Code 16 add with description Brushed Nickel
- Code 17 add with description Brushed Stainless Steel
- Code 18 add with description Coated Steel
- Code 20 add with description Other
- Wire_Structure_Junction_Cabinet_Size
 - Code 0 add with description Unknown
- Wire_Structure_Junction_Foundation
 - Code 0 add with description Unknown
 - Code 1 add with description Other
 - Code 2 add with description Set Extra Deep In Earth
 - Code 3 add with description Set Normal With Concrete Backfill
 - Code 4 add with description Set Normally In Earth
 - Code 5 add with description Set On Concrete Foundation
- Wire_Structure_Junction_Support_Pole_Class
 - Code 0 add with description Unknown
 - Code 1 add with description Class 1
 - Code 2 add with description Class 2
 - Code 3 add with description Class 3
 - Code 4 add with description Class 4
 - Code 5 add with description Class 5
 - Code 6 add with description Class 6
 - Code 7 add with description Class 7
 - Code 8 add with description Class 8
 - Code 9 add with description Class 9
 - Code 10 add with description Class 10
 - Code 101 add with description Class H1
- Wire_Structure_Junction_Support_Pole_Height
 - Code 0 add with description Unknown
 - Code 35 add with description 35 Feet
 - Code 40 add with description 40 Feet
 - Code 45 add with description 45 Feet
 - Code 50 add with description 50 Feet
 - Code 55 add with description 55 Feet
 - Code 60 add with description 60 Feet
 - Code 65 add with description 65 Feet
 - Code 70 add with description 70 Feet
 - Code 75 add with description 75 Feet

- Code 80 add with description 80 Feet
 - Code 85 add with description 85 Feet
 - Code 90 add with description 90 Feet
 - Code 95 add with description 95 Feet
- Wire_Structure_Line_Aerial_Support_Material
 - Code 0 add with description Unknown
 - Code 4 add with description Fiberglass
 - Code 6 add with description Steel
 - Code 20 add with description Other
- Wire_Structure_Line_Duct_Bank_Material
 - Code 0 add with description Unknown
 - Code 3 add with description Composite
 - Code 4 add with description Fiberglass
 - Code 8 add with description Poured Concrete
 - Code 9 add with description Precast Concrete
 - Code 10 add with description Plastic
 - Code 20 add with description Other
- Wire_Structure_Line_Trench_Material
 - Code 0 add with description Unknown
 - Code 11 add with description Open
 - Code 12 add with description Earth Covered
 - Code 20 add with description Other
- Wire_Structure_Junction_Manhole_Type
 - Code 1: Deep changed to 61: Deep
 - Code 2: Normal changed to 62: Normal
 - Code 3: Shallow changed to 63: Shallow
- Wire_Structure_Junction_Pole_Class_Combined
 - Code 201: Class H1 changed to 101: Class H1
 - Code 202: Class H2 changed to 102: Class H2
 - Code 203: Class H3 changed to 103: Class H3
 - Code 204: Class H4 changed to 104: Class H4
 - Code 205: Class H5 changed to 105: Class H5
- Wire_Structure_Line_Duct_Material
 - Code 9: Precast Concrete changed to 8: Poured Concrete
 - Code 8: Poured Concrete changed to 9: Precast Concrete