

# CenturyLink Circuit Switched Data Service

## Networkx Service Overview

### Get the flexibility, security and reliability your agency deserves

CenturyLink's Circuit Switched Data Service (CSDS) gives your Agency end-to-end, digital circuit-switched communication. The ease of use and "pay as you go" pricing puts your Agency in charge. With CenturyLink's CSDS, Agency end users can dial-up in 56 Kbps or 64 Kbps increments of digital bandwidth, up to a full switched T-1 (equivalent to 1.536 Mbps). By allowing access through switched or dedicated facilities, CenturyLink's CSDS provides your Agency flexibility and an increased service coverage area. Additionally, your Agency will get a delivery approach designed to provide a highly efficient, flexible service that supports all of your Agency's functional requirements.

### Features

- Uniform numbering plan
- Authorization codes
- Reservationless calling capability
- Provision of network-derived clocking to the Data Termination Equipment (DTE) or PBX/Multiplexer (MUX) at the Service Delivery Point
- Following call establishment, all bit sequences transmitted by the DTE are transported as data/bit transparent and maintain data/bit sequence integrity
- Multiple categories (DS0, DS1, and Multirate DSO) of dialable information-payload bandwidth

CenturyLink's CSDS connects to and interoperates with a variety of switched data compatible equipment. These include PBX and Video Codec gear, in addition to the Public Switched Telephone Network and CSDS carriers' networks. CenturyLink's CSDS is delivered through a combination of different service elements, including access, transport, Service Enabling Device (SED), and features.

- Access can be either switched (off-net) or dedicated (on-net). CenturyLink provides CSDS access arrangements to meet your Agency's diverse requirements. User Network Interface (UNI)/SEDs connect to circuit switched, wireless and broadband wireless access
- Transport and signaling infrastructure is engineered in a diverse and redundant fashion to provide your Agency robust and reliable service
- CSDS UNIs and SEDs with speeds up to 1536 Kbps CSDS SEDs are customized depending on the access method or selected feature, such as the CSDS required support for RS366 signaling. RS366-capable SEDs have two physical ports for customer connections (one port for data traffic and one port for signaling)
- Features also include the capability to support Dial-In

### Geographic Availability

CenturyLink's CSDS is available throughout the U.S. for domestic-to-domestic calls and domestic-to-non-domestic calls. Domestic call coverage includes the following areas:

- Originating Domestic and Terminating Domestic (CONUS) - 48 contiguous United States plus the District of Columbia
- Originating Domestic and Terminating Domestic (OCONUS) - includes Hawaii, Alaska, Puerto Rico, Guam, US Virgin Islands, American Samoa, and the Northern Marianas
- Originating from Domestic and Terminating to 70 Non-Domestic Countries

### Contact your CenturyLink Representative today!

Visit [GSANetworkx.com](http://GSANetworkx.com) and click on "Locate your Account Manager".  
Or contact the CenturyLink Customer Support Office: 866-GSA-NETWorx  
(866-472-6389) Email: [federal@CenturyLink.com](mailto:federal@CenturyLink.com)



## Service Levels

All common components of the digital switching equipment, including the centralized processor units, are fully duplicated. If a hardware or software failure occurs, the system automatically switches from active to hot standby components. Through redundant design engineering and configuration, CenturyLink's CSDS also includes established 24x7x365 streamlined surveillance, maintenance, call routing procedures and automated processes. This means that your Agency experiences a minimum of 99.5% SDP to SDP availability, greater network agility and efficiency, and less potential for error.

## Benefits

- Cost efficiencies – Your Agency can do more for less
- Maximum application flexibility – Easily changes to meet your Agency's changing needs
- Cost management – Know exactly what your Agency's costs are
- Inexpensive access – Get more done for less

## Why Buy from CenturyLink?

CenturyLink's approach to CSDS service delivery builds upon a set of processes and resources that work together to provide a robust solution for your Agency needs both today and in the future. CenturyLink has the business market personnel, network elements, operational groups, access methods and partner arrangements to deliver CSDS as specified in our Networkx contract.

## Contract Vehicle

### Networkx Universal

- An overview of CenturyLink's contract is available on the CenturyLink Networkx Website at <http://www.gsanetworkx.com>

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