

# CenturyLink Private Line Digital Data Service

Always-on, dedicated circuits with maximum-security protection

## Benefits

- Transports digital data reliably and securely over dedicated point-to-point or multi-point circuits
- Choice of data speeds ranging from 2.4 to 64Kbps
- Versatile application
- Competitive pricing
- Upgrades easily as your transport needs grow
- Always on, always available
- Optional features make your network more flexible, functional and feature rich

CenturyLink™ Digital Data Service (DDS) provides a dedicated circuit that is always on and always available. DDS provides maximum security and accommodates the growth and flexibility of your communications network, while helping you reduce expenses and control costs.

## Description

DDS is a core Private Line service that is able to transmit digital data over a dedicated, point-to-point or multi-point circuit. DDS is available on an intrastate and interstate basis throughout AZ, CO, IA, ID, MN, MT, NE, NM, ND, SD, UT, WA and WY. The available data rates are 2.4, 4.8, 9.6, 19.2, 56.0 and 64.0Kbps. (64.0Kbps is available as a 2-point circuit only.)

## Features

- Digital transmission – uses only digital facilities to provide comprehensive digital transmission
- Transmission regeneration – the signal is regenerated, not amplified, avoiding noise and distortion inherent to analog circuits
- Built-in timing system – with digital transmission, signals are generated at precise intervals; it is critical that data be read out at the receiving end of a circuit at the same average rate that it is written at the transmitting end (if it is not, information can be lost or data sequences may become garbled)
- Low error rate – designed to provide average performance exceeding 99.8% error-free seconds (EFS)
- Compatibility – connects with other CenturyLink digital services, including DS-1, DS-3, frame relay, packet-switching networks, simultaneous voice and data service (SVDS), synchronous optical network (SONET), self-healing alternate route protection (SHARP) and self-healing network service (SHNS); DDS can also interface with a packet-switching network, potentially reducing costs
- Variable pricing discount plans are available
- Constant bandwidth capacity up and downstream
- Installation service guarantee

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## Optional features

- Secondary channel, available at 2.4 through 56Kbps data speeds, provides an independent, lower data rate channel for controlling or monitoring your network
- Subrated DS-0 service provides DS-0-to-subrate, also called DS-0A-to-DS-0B, multiplexing and transport of the subrate muxed channel
- Transfer arrangement allows you to transfer a leg of your DDS circuit to another channel that terminates either at the same premise or a different one (limited to interstate service)
- Command a Link™ gives you network control of your DDS circuit(s) on a near real-time basis; reconfiguration is done using intelligent network elements, such as digital cross-connect systems
- Direct digital access lines (DDAL) provide a 56Kbps access channel with the added capability of carrying signaling for a public switched digital services circuit; the line may also be used with a private switched digital network

## How it works

DDS provides full-duplex, 4-wire transmission of synchronous serial data between 2 end users or between an end user and another carrier. CenturyLink provides timing for this service through facilities to the end user on the received bit stream. DDS is only available between locations that can be connected through compatible digital facilities.

## Why CenturyLink?

Businesses today require the reliability and privacy of digital transport services. CenturyLink has extensive experience in providing the services customers need to make their ventures successful.

- Many businesses use Private Line services as their choice of transport for critical applications
- We are an experienced communications provider that has been in business for several decades
- We offer an extensive product portfolio that includes cutting-edge products and services, giving you a single vendor capable of providing new technologies as your business expands
- Our sales account teams, technicians and engineers are highly trained and very experienced
- We offer competitive pricing, and discounts are available on long-term purchases (1-year, 3-year, etc.)
- Our network is highly-reliable, 99.65% availability objective
- If we fail to meet your installation date (providing it is equal to or greater than the standard interval for DDS and the service is provided entirely within CenturyLink territory), we will credit you 100% of the total installation charge
- Scalable to meet your needs, with a wide variety of bandwidth offerings
- Network monitoring and management contributes to high-performance levels

## Other CenturyLink products

In addition to DDS, we offer other Private Line products to meet your needs, including:

- Private Line DS-1 and DS-3
- Metro Ethernet
- Dense wavelength division multiplexing (DWDM)
- SONET

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