

# CenturyLink Digital Switched Service

## Integrated voice service for your evolving business needs

Digital Switched Service offers fast, easy and reliable voice services—free of crosstalk, amplified noise or distortion—over a digital transport. Digital Switched Service can support your analog and digital voice needs with basic and advanced functionalities. Digital Switched Service also provides consistently better quality transmission with fewer errors and greater dependability. It's a practical and affordable way to configure your telecommunication system to best meet the growing demands of your business.

### Description

Digital Switched Service includes a DS-1 facility, common equipment, local-exchange switching and flat-usage trunks for access to the local exchange network. Each Digital Switched Service facility utilizes 24 channels configured as either basic or advanced trunks—or a combination of both. Basic service offers in-only, out-only and 2-way PBX trunks. Advanced service offers additional functionality including 2-way trunks with direct inward dialing (DID) and answer supervision or out-only trunks with answer supervision and 1-way direct outward dial (DOD). Caller ID is available only with basic Digital Switched Service.

### Features

- Answer supervision – special trunk arrangements provide answer-back central office signaling to identify when a private branch exchange (PBX) call is completed
- Direct inward dialing – optimizes the 24 channels and bypasses the need for an attendant
- Video and data transfer – 2-way data trunks offer video applications and 56 Kbps data transfer
- Options – basic Digital Switched Service has available standard-class and line-side services including: call waiting, call forwarding and caller ID; caller ID is available only with basic Digital Switched Service
- Accessible – available remote local area network (LAN) access

### Benefits

- Provides a clear signal, free of crosstalk, amplified noise and distortion
- Features sub-second response time with nearly error-free performance
- Uses a direct DS-1 interface to your PBX
- Eliminates costly analog-to-digital conversion equipment
- Provides increased trunking efficiencies with 2-way DID
- Can be provisioned on a DS-3 or higher transport
- Customized, configured trunks to meet your specific needs

### How it works

At the central office, the facility is multiplexed by a D4 multiplexer onto basic and/or advanced trunks and connects to the public switched telephone network (PSTN). With CenturyLink Digital Switched Service, the DS-1 passes from the central office to the DS-1 interface to the channel service unit/data service unit (CSU/DSU) and then to your digital PBX. (Outbound caller ID does not work with Digital Switched Service advanced trunks.)

**Contact your CenturyLink Representative today!**



## Why CenturyLink?

- You will receive exceptional service and support from a communications partner that works with you to develop the right solutions for your business.
- Customer support is available 24/7/365
- You can trust that things will be done right, as CenturyLink is a proven communications leader with years of experience

## Other CenturyLink products

In addition to Digital Switched Service, we offer an array of products to meet your needs, including:

- Long Distance
- Toll Free
- Conferencing
- Interaction Routing
- CenturyLink IQ™ Networking
- Private Line

**Contact your CenturyLink Representative today!**

