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# Digital Data Service

Digital Data Service (DDS) is a private leased line service that transmits voice or data signals over a secure, permanent connection for businesses – an efficient and secure link between locations.



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DDS is a managed service, with alarm surveillance on all equipment in the network and centralised bandwidth allocation. DDS is flexible and easy to use with fixed monthly costs and customised solutions to match end-users business transmission needs and budget. DDS is older technology and tends to be utilised by legacy applications which cannot be connected via Frame Relay or other more modern connections.

## Benefits

Some of the benefits for service providers of offering DDS to end-users include:

- **ability to provide businesses with flexible solutions** for secure transmission of data between points, ideal for linking remote locations to a host computer.
- a **wide range of bandwidths** so DDS capacity can be upgraded as end-users' businesses grow.
- **lines are leased** and specifically dedicated to a particular end-user.
- **added security with DDS redirection** – circuits can be switched to an alternative site during an emergency or network construction.
- **proven technology** with high levels of reliability.
- **more protections with DDS diversity** – acts as a back-up link to ensure uninterrupted service if a link fails.

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## How it Works

High Speed DDS is a high capacity point to point service designed to meet the needs of high volume data transmission end-users. High Speed DDS operates at data set rates of Nx64kbps (effective rates from 64kbps to 1920 kbps). Eight speeds are available: 64 kbps, 128 kbps, 192 kbps, 256 kbps, 384 kbps, 512 kbps, 1024 kbps, and 1920 kbps. High Speed DDS supports international standard interfaces: X.21, X.21 bis, V.35/V.36 and G.703/G.704 and operates in full duplex and synchronous mode only.

## Availability

No new low speed DDS connections are being offered. High speed DDS delivered over DSTN is no longer available to new customers.

## Requirements

Physical interface to the customer is an RJ45 Ethernet socket.

**For more information contact your Telecom Wholesale account manager or see [www.telecomwholesale.co.nz](http://www.telecomwholesale.co.nz) to find out more about becoming a customer.**

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