



# DTRAN

## Data Transfer Tool



# DTRAN

## Data Transfer Tool



### 100% Reliable Data Transfer

DTRAN provides a peer-to-peer environment to accurately deliver data and analysis results between locations regardless of link conditions and at transfer speeds that exceed FTP. DTRAN is built on the application layer of the native network protocol allowing it to work within customers' current network configurations. It uses custom algorithms to saturate bandwidth and minimize file transfer overhead without sacrificing a 100% reliability guarantee.

### Architecture

- Server-is-Client – Each Unit Can Both Send and Receive
- Multiple Connection Capable – Single Unit Can Connect to Multiple Hosts
- Static Executable Distribution – No Third-Party Software Requirements
- Separate Daemon and User Interface Processes – Allows for Head-less Operation
- Cross Platform – Solaris, Linux, and Windows

### Core Features

- Performs as Remote Directory Mirror with Recursive File Detection and Receive Host Directory Recreation
- File Collision Handling via Automatic Rename
- Guaranteed Delivery Correctness via MD5 Hash Checks
- Fine-Grained (Packet Level) Automatic Resume

### In-Transfer Controls, File Logging, and Metrics

#### User Interface

Features web, desktop, and command line interfaces, network health indicators, send and receive status for all configured hosts with file detail granularity. Provides file and host controls to pause, change priority, and/or deque files mid transfer.

#### Daemon Options

Includes configurable port number to work within your existing firewall protocols.

#### Host Options

Specify multiple send directories to transfer data across different host connections, automatically prioritize files via regular expression filters, enable/disable data compression, configure host forwarding to automatically select received files to forward to private networks.

#### Persistent Recording of all File Transfers

- Start/Stop Time and Date
- Destination Host
- File Name and Size
- Transfer Rate
- Transfer Status