

## MDL-2000

The Mainframe Data Library-2000 is Bus-Tech's multi-channel Virtual Tape Library for small- to medium-sized mainframe tape environments and is powered by Bus-Tech's Virtuent software engine. The MDL-2000 provides 2 FICON or 2 to 3 ESCON channels and emulates up to 256 tape devices. MDL-2000 is capable of delivering up to 300 Mbytes of data per second and supports either IP (Deduplication, NAS or Compliant) or Fibre Channel (SAN) attached storage. Using IP-based storage, multiple MDL-2000s can be combined into a single virtual library to scale channel count, device count, and performance while providing high availability.

**Devices Emulated** 3480 / 3490 / 3590 (IBM and compatible),  
CTS5136 (Unisys)

**Number of Emulated Devices** 256

<b>Channel Interfaces</b>	<b>Min (Max)</b>
FICON (4Gb)	2 (2)
ESCON	2 (3)

<b>Storage Ports</b>	<b>Min (Max) / Type</b>
Gigabit Ethernet	2 (2) / RJ-45 Cat 6.
Fibre Channel	0 (2) / LC Connector

<b>Physical Attributes</b>	
Dimensions	3.45" (87.5mm) H (2U) x 16.93" (430mm) W x 26.46" (672mm) L
Weight	80 lbs (36.3 kg)
Power Requirements	1.7 Amps @ 240 Volts (374 Watts)
Cooling	1,675 BTU / hour

## Warranty and Services

Warranty/Basic Support	Monday through Friday 8:00 AM to 5:00 PM (eastern US) phone support. Next day parts replacement or repair. 1 <sup>st</sup> Year Included with System Purchase. Extendable in 1 year increments.
Enhanced Support	Extends Basic Support to 24 x 7 phone support. Next day parts replacement or repair. Extendable in 1 year increments.
Premium Support	Extends Standard Support to include on-site parts replacement or repair within 4 or 24 hours depending on location. Extendable in 1 year increments.
Installation Services	On-site installation of MDL.

## Operating Environment

Temperature	
Operating	+10°C to +35°C
Non-Operating	- 40°C to + 70°C
Humidity (Non-operating)	90% non-condensing at 28°C

## Mainframe Operating System Support

IBM z/OS, MVS, VSE, VM, TPF and Unisys OS 2200

## Optional Features (Some features may not apply to all models)

EMC Centera Support  
Virtuent Mainframe Tape – native 3592/TS1120 support  
Virtuent Replicator – IP-based asynchronous replication  
Virtuent Backup – For IBM TS2900 only