



Optica Technologies: zVT 3000i Introduction **A Fully Integrated Cost Optimized IBM Mainframe VTL**

Value-4IT

zVT 3000i Introduction

The zVT 3000i Virtual Tape Node (VTN) is an affordable, all-in-one IBM Mainframe Virtual Tape Library (VTL) solution. The zVT 3000i connects to the IBM Mainframe via (2) FICON interfaces, incorporating standard license support for 16 Virtual Tape Drive (VTD) resources (I.E. 3490, 3590). The zVT 3000i includes 8 TB of RAID-6 protected storage capacity and hardware compression in an economical 2U appliance, delivering ~20 TB (conservative ~2.5:1 compression) usable capacity. The zVT 3000i can be pre-configured for easy installation and is ideal for the smaller IBM Mainframe user with well-defined backup requirements. The zVT 3000i is also an excellent replacement option for legacy 3490/3590 physical tape environments and legacy VTL solutions, typically impacted by End of Support (EOS) considerations.

zVT 3000i Standard Features

Each zVT 3000i VTN incorporates the following standard features:

- **Host Connectivity:** (2) 8Gbps FICON channel interfaces
- **Virtual Tape Drives:** (16) 3490/3590 Virtual Tape Drive (VTD) resources
- **Storage Capacity:** 8 TB (raw) RAID-6 storage (~20 TB @ 2.5:1 compression)
- **Compression:** standard on-board hardware compression
- **Configuration Management:** easy to use CLI, GUI and JCL interfaces
- **Form Factor:** standard 2U appliance, based on Enterprise Class Intel server

zVT 3000i Benefits

Ultimately zVT is just another IBM Z Mainframe tape (I.E. 3490, 3590) device, benefitting from the latest IT market place technologies, packaged with a flexible architecture for affordable granular growth in terms of capacity, performance and availability:

- **Interoperability:** seamlessly works with all IBM Z disk and tape hardware and software storage solutions
- **Standard Support:** supports all major IBM Z operating systems, Linux on z, z/OS, z/VM and z/VSE
- **VTL Filesystem:** uses industry standard AWS file format, simplifying VTL migration considerations
- **Performance:** ~500 MB/S performance (based on typical IBM Mainframe tape workloads)
- **Investment Protection:** zVT benefits from regular field upgradable technology updates, eradicating EOS concerns
- **Intelligent Support:** streamlined 24*7 support, for simplified diagnostics collection and problem resolution
- **Optimized Maintenance:** zVT leverages from the latest technologies to optimize on-going annual support costs

For more information please visit the [zVT Portal](#) or Email our [Sales Team](#) or call us on +44 (0) 845 0579386.

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