

DECRO DATAFORT™ S110 SPECIFICATIONS

FIRMWARE V2.1

SECURITY

Decru Storage Encryption Processor (SEP) Encryption Operating System	AES-256 (Advanced Encryption Standard with 256-bit keys) Hardened DecruOS
Authentication Administrator Recovery Officers System	Smart cards with login/password Quorum of smart cards (2/3, 3/5, etc.) with login/password System Card smart card
Configurable Security Policy	Wizard-guided installation, with fully customizable security settings

STORAGE

SCSI Interfaces Host HBA Storage HBA	LVD SCSI LVD SCSI (supports daisy chaining)
Performance/Throughput	Supports 70+ Megabytes per second (MBps)
Transfers	Full duplex
Compression for Tape	Hardware-based. Compresses 2:1 prior to encryption

MANAGEMENT

Management Interfaces Decru WebUI	Secure SSL-based web interface
Management Station Requirements	Windows-based PC, Minimum 256 MB RAM, 10 MB free disk space, Ethernet 10/100/1000Base-T connection, USB or serial port, Internet Explorer (see version requirements below.)
Supported Windows OS	Microsoft Windows NT 4.0 SP6 with IE 5.5; Microsoft Windows 2000 Professional/Server with IE 5.5; Microsoft Windows XP with IE 6.0; Microsoft Windows Server 2003 with IE 6.0
Command Line Interface (CLI) SNMP	SSH-enhanced through smart card-based 2-factor authentication SNMP v1 and v2c, MIB II, Decru MIB
Management Tools System Configuration	DataFort administration, backup and disaster recovery tools
Logging and Audit	Cryptographically signed tracking for all key events. Configurable audit trail with local and remote (syslog) logging

MEDIA AND DOCUMENTATION

Administration Kit	Administration Guide, Decru Firmware Smart Cards (2 System, 3 Admin, 5 Recovery) 1 USB type Smart Card reader (serial type reader optional)
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REDUNDANCY AND FAILOVER

Hardware Redundancy	Hot swappable redundant power supplies Hot swappable fan assemblies
Clustering and Failover	Active-active clustering with secure key sharing (license option)

HARDWARE

Rack Mountable	Standard 19" EIA rack (2U height)
Size	43.2 cm (17") W x 8.8 cm (3.5") H x 48.2 cm (19") D
Weight	13.7 kg/30.2 lbs
Universal AC input	100-240 VAC/4A, 47-63 Hz
Rear Ports	2 LVD SCSI (one to hosts, one to storage) 10/100/1000BaseT Ethernet port for configuration/management Serial console port for initial IP address setting On/Off switch
Front LCD	LCD with touch panel for initial IP configuration and status display
Front LEDs	Power status and network activity indicators
System Smart Cards	1 plus 1 backup

OPTIONS

Chassis Lock	Pick-resistant high security Medeco lockset
Lifetime Key Management™ system	Software utility to securely automate key archiving and recovery. Includes Data Decryption Software to enable data decryption on a standard server.
LKM Server Hardware Requirements	4 GB minimum free disk space; 1 GHz processor; available USB port; CD ROM drive; Available server ports
LKM Server Software/OS Requirements	Windows 2000 Server or Windows 2003 Server OS (preferred). A dedicated Windows 2000 or Windows XP workstation is acceptable. Internet Explorer v6.0 or later.
Data Decryption Software (DDS)	Software decryption for information sharing applications
DDS Server Hardware Requirements	Intel Pentium 4, 512 MB RAM, 1 Gig free hard disk space (Note: For tape -> disk -> tape decryption, server must have enough space to store entire tape contents.) Decryption speed will depend on processor speed of the server.
DDS Server Software/OS Requirements	Windows XP, 2000 or Windows Server 2003 (latest service pack)

TESTING AND COMPLIANCE

<p>Safety</p> <p>Canada CSA 60950</p> <p>United States UL 60950</p> <p>Japan IEC60950 A4</p> <p>European Community EN60950, TUV</p> <p>International IEC60950</p>	<p>Electromagnetic Compatibility (EMC)</p> <p>Canada ICES-003 Class B</p> <p>United States FCC Class B</p> <p>Japan VCCI Class B</p> <p>Korea RRL Class B</p> <p>European Community CE (EN55022 Level B/EN55024)</p> <p>Australia/New Zealand AS/NZS 3548</p> <p>International Class B</p>
<p>Operational Vibration Telecordia GR-65-CORE</p> <p>Shock IEC 68-2-29</p> <p>Transportation Protocol ISTA 2A</p> <p>Compression Test ASTM D 642-00</p> <p>Random Vibration ASTM D 4728-01</p> <p>Impact Test ASTM D 5276-98</p>	<p>Environment</p> <p>Operating Temperature +5 C to +40 C (41 F to 104 F)</p> <p>Storage Temperature -10 C to +60 C (14 F to 140 F)</p>