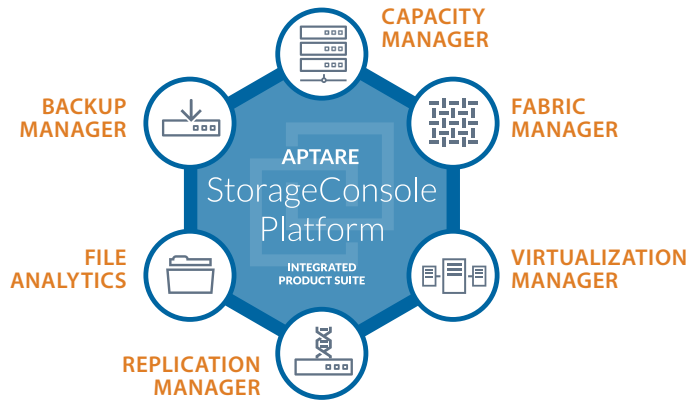


IT Analytics: Illuminate Entire Data Centers

APTARE StorageConsole is the industry's only vendor-independent IT analytics platform. Its single-pane-of-glass view provides deep analytics and interconnected insights across the critical components of your IT world, whether on-premises or in the cloud. Simply enable products within the unified platform—as you need them.

APTARE provides a software development kit for users to quickly create data connectors for storage and backup systems that are not listed in this brochure. For more information, please contact an APTARE sales representative for assistance.



The New Enterprise Data Center is Everywhere

On premises, private and public clouds. Gain control over your data wherever it resides, with actionable intelligence through a single-pane-of-glass. #knowITnow with high-definition IT analytics from APTARE.

Supported Cloud Environments

Amazon Web Services (AWS)	Amazon Elastic Compute Cloud (EC2), Amazon Simple Storage Service (S3), Amazon Billing Records
Microsoft Azure	Virtual Machine, Disk, Table and Queue Storage, Blob Storage
OpenStack	Ceilometer/Nova, Swift

Capacity Manager — Supported Storage Systems

Dell EMC	Compellent, XtremIO, Isilon, Symmetrix VMAX/VMAXe/DMX Series, VNX Series, CLARiiON CX/AX Series, Celerra, VPLEX
HDS	Hitachi Content Platform (HCP), Hitachi Virtual Storage Platform (VSP, VSP G Series, VSP F Series), Hitachi NAS (HNAS), Unified Storage Platform V (USP-V), Universal Storage Platform (USP), Hitachi Unified Storage VM (HUS-VM), Hitachi Unified Storage (HUS), Advanced Modular Storage (AMS) 2000 family
HP	3PAR, P9500 Disk Array, XP20000/XP24000 Disk Array, XP512/XP1024 Disk Array, StorageWorks XP128/XP10000/XP12000 Disk Array, HP P6000 Enterprise Virtual Array (EVA) Systems, HP 6400/8400 Enterprise Virtual Array (EVA), HP 4000 Enterprise Virtual Array (EVA) Family, StorageWorks 200 Storage Virtualization System (SVS200)
IBM	XIV Storage Systems, DS8000 Series, DS6000 Series, DS5000 Series, DS4000 Series, DS3000 Series, N Series, SAN Volume Controller (SVC)
INFINIDAT	InfiniBox
NetApp	E-Series, FAS6200 Series, FAS6000 Series, FAS3200 Series, FAS3100 Series, FAS2000 Series, E7900, E5400, E2600, V-Series, Cluster Mode and legacy 7-Mode configurations
OpenStack	Ceilometer/Nova, Swift
Oracle	Sun Storage 6000 Array Series, Sun Storage 2500-M2 Array
Pure Storage	FlashArray

Capacity Manager – Supported Host Data Collection Environments

Applications	Microsoft Exchange Server	
	Microsoft SQL Server	
	Oracle Database	
File Systems	Linux	CentOS, Red Hat Enterprise Linux for Servers, SUSE Linux Enterprise Server
	Oracle	Automated Storage Manager (ASM)
	Sun	Solaris ZFS
	Unix	HP HP-UX, IBM AIX JFS & JFS2, Sun Solaris
	Veritas	VxFS
	Windows	Microsoft Windows NTFS
	Operating Systems	Linux
Unix		HP HP-UX, IBM AIX, Oracle/Sun Solaris
Windows		Microsoft Windows Server
Volume Managers	HP HP-UX Logical Volume Manager	
	IBM AIX Logical Volume Manager	
	Linux Logical Volume Manager	
	Oracle/Sun Solaris Volume Manager	
	Veritas Volume Manager	
Multi-Pathing/ Virtualization	Device Mapper Multipath for Linux	
	Dell EMC PowerPath	
	Hitachi Dynamic Link Manager (HDLM)	
	IBM Virtual I/O Server (VIO)	
	Microsoft MPIO	

File Analytics – Supported Network Storage Environments

CIFS	Any Common Internet File System (CIFS) Mounted Share
Linux	CentOS, Red Hat Enterprise Linux for Servers, SUSE Linux Enterprise Server
NetApp	Data ONTAP
Unix	HP HP-UX, IBM AIX, Oracle/Sun Solaris
Windows	Microsoft Windows Server

Backup Manager – Supported Backup Solutions

Commvault	Simpana
Dell EMC	Avamar, Data Domain, NetWorker
HP	Data Protector
IBM	Tivoli Storage Manager (TSM)
Microsoft	Azure Backup
Veritas	Backup Exec, NetBackup

Virtualization Manager – Supported VM Environments

VMware	ESX, ESXi, vSphere, Virtual Center (vCenter)
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Fabric Manager – Supported SAN Products

Brocade	Brocade Fibre Channel Switches, DCX Backbones with Fabric OS (FOS)
Cisco	MDS 9000 Series Switches and Directors
Dell EMC	Connectrix Switches, Connectrix Directors

Replication Manager – Supported Replication Environments

NetApp	FlexClone, SnapMirror, SnapVault, Open Systems SnapVault (OSSV)
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StorageConsole Portal – Supported Operating Systems

Linux	CentOS x86-64 version, Oracle Enterprise Linux x86-64 version, Red Hat Enterprise Linux for Servers x86-64 version, SUSE Linux Enterprise Server x86-64 version
Windows	Microsoft Windows 2012 Server x86-64 version

StorageConsole Data Collector – Supported Operating Systems

Linux	CentOS, Oracle Enterprise Linux, Red Hat Enterprise Linux for Servers, SUSE Linux Enterprise Server
Windows	Microsoft Windows Server

StorageConsole Browsers – Supported Web Browsers

Linux	Mozilla Firefox
MacOS	Apple Safari, Mozilla Firefox
Windows	Google Chrome, Microsoft Internet Explorer, Mozilla Firefox
Unix	Mozilla Firefox

See "APTARE StorageConsole Certified Configurations Guide" for more details.