

# EMC VNXe SERIES SOFTWARE PACKS

## Simple data protection and more

### ESSENTIALS

- Attractively priced value packs and software suites
- Centralized management via EMC Unisphere™
- Comprehensive application support including Microsoft Exchange, SQL, VMware®, and Hyper-V
- Backup consolidation with integrated EMC NetWorker® Fast Start and third-party solutions like Symantec Backup Exec or Commvault Simpana
- Integrated with Microsoft Active Directory® and other third-party anti-virus solutions
- Comprehensive data protection, recovery, security, and compliance

Data protection for business continuity, internal governance, external compliance, and security is quickly becoming a priority for small businesses to small enterprise users. IT generalists are increasingly challenged in meeting backup windows. They are also finding tape unacceptably unreliable for backup and restore. In addition, in today's DAS environments, each application manages its backup independently with its own tape target making management of these backup functions increasingly difficult.

### EXTRA SAVINGS WITH VNXe SERIES SOFTWARE PACKS

EMC® has packaged unique and powerful add-on storage software into two attractively priced, easy-to-order software packs: Total Value Pack and Total Protection Pack available for the VNXe™ 3100 and VNXe3300 respectively, ensuring maximum protection, security, and compliance. With this approach, VNXe software packs offer full capabilities to dynamically move, secure, and protect production data for unified block and file storage—all managed through EMC Unisphere.

		VNXe3100	VNXe3300
<b>Base</b>	<b>Base Software</b>		
	<ul style="list-style-type: none"> <li>• Unisphere</li> <li>• File deduplication with compression</li> <li>• Protocols and thin provisioning</li> <li>• Local protection: snapshots</li> </ul>	Included Included Included Included	Included Included Included
<b>Suites</b>	<b>Local Protection Suite</b> —Practice safe data protection and repurposing	Base software	Optional
	<ul style="list-style-type: none"> <li>• Snapshots</li> </ul>		
	<b>Remote Protection Suite</b> —Protect data against localized failures, outages, and disasters	Optional	Optional
	<ul style="list-style-type: none"> <li>• Remote replication</li> </ul>		
<b>Packs</b>	<b>Application Protection Suite</b> —Automate application copies	Optional	Optional
	<ul style="list-style-type: none"> <li>• Replica management</li> </ul>		
<b>Packs</b>	<b>Security and Compliance Suite</b> —Always know your data is safe	Optional	Optional
	<ul style="list-style-type: none"> <li>• Event enabler (anti-virus only)</li> <li>• File-level retention (enterprise)</li> </ul>		
<b>Packs</b>	<b>VNXe3300 Total Protection Pack</b> includes:	NA	✓
	<ul style="list-style-type: none"> <li>• Local Protection Suite</li> <li>• Remote Protection Suite</li> <li>• Application Protection Suite</li> </ul>		
<b>Packs</b>	<b>*VNXe3100 Total Value Pack</b> includes:	✓	NA
	<ul style="list-style-type: none"> <li>• Remote Protection Suite</li> <li>• Application Protection Suite</li> <li>• Security and Compliance Suite</li> </ul>		

\*Note: the Local Protection Suite is included with base software for VNXe3100.

## SOFTWARE SUITES

In addition to the all-inclusive value packs, users have the flexibility of purchasing individual, modular software suites a la carte.

### LOCAL PROTECTION SUITE

Practice safe data protection and repurposing. The Local Protection Suite gives you point-in-time recovery with snapshots for business continuity, enabling you to get your production applications up and running within minutes. Increase productivity with snapshots of production data for development, testing, decision support tools, reporting, and backup acceleration. All of this is available through EMC Unisphere's centralized management platform.

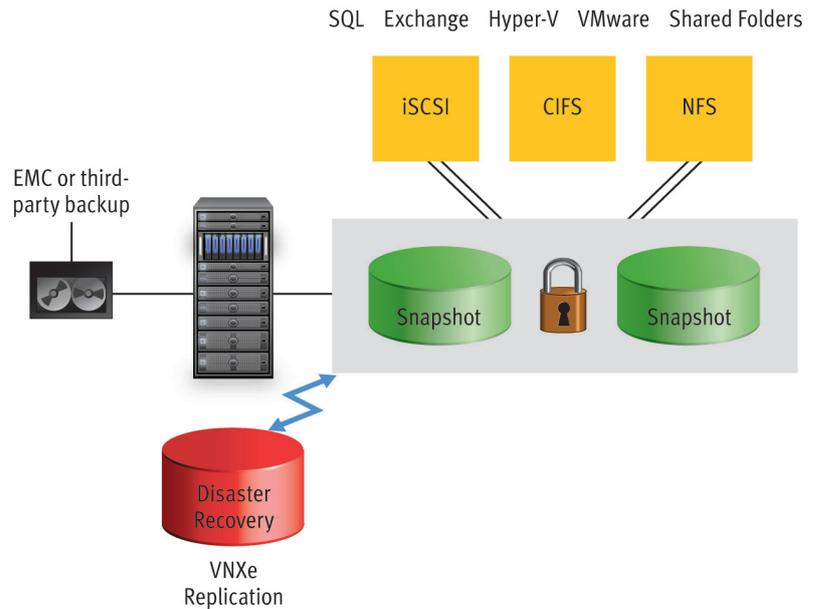


Figure 1. Local copies for instant recovery and repurposing

### REMOTE PROTECTION SUITE

The Remote Protection Suite enables you to protect data against localized failures, outages, and disasters. It lets you deliver disaster recovery protection for production applications. Replicate data remotely to one or many file systems for assured disaster recovery. All of this is available through EMC Unisphere's centralized management platform.

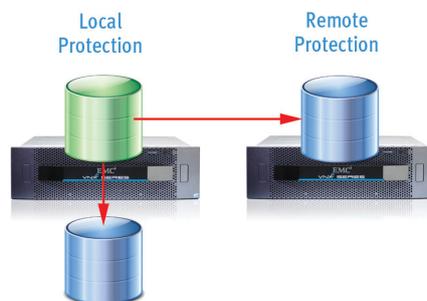


Figure 2. Immediate disaster recovery at a remote site or restore back to production

## APPLICATION PROTECTION SUITE

With the Application Protection Suite, you can automate application-consistent copies with user roles, enabling self-service copy management. The suite simplifies the management of EMC point-in-time replica technologies and coordinates the user's entire replication process—from discovery and configuration to the management of multiple disk-based replicas. Replicas can be repurposed for backup acceleration and restoration of table spaces and file systems, or to simplify and automate data refreshes for testing and reporting. Users can put the right data in the right place at the right time—on-demand or based on schedules and policies that they define. This suite provides intelligent replication by integrating with Microsoft® VSS/VDI to create application consistent copies of Microsoft Exchange, SQL® and SharePoint® for recovery, backup acceleration, and repurposing. Application consistency assures that you will be able to recover and restart the application from the copy in the event of a service interruption. Similar to the Local and Remote Protection Suites, the Application Protection Suite is also managed through EMC Unisphere.

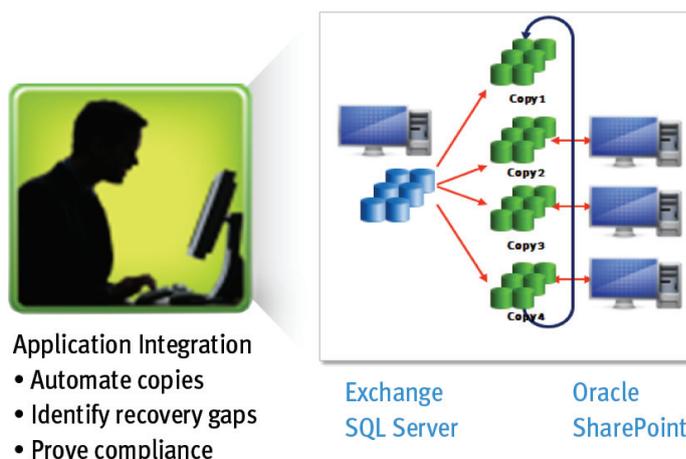


Figure 3. Automate application copies

## SECURITY AND COMPLIANCE SUITE

The Security and Compliance Suite helps you ensure that data is protected from unwanted changes, deletions, and malicious activity. Enforce retention at the file-level for increased corporate governance and to meet regulatory compliance requirements. This suite supports file-level retention periods with disk-based WORM, delivers alerts upon file system actions, and allows integration with third-party anti-virus checking applications for added data protection, security, and peace of mind.

## BASE SOFTWARE

Every VNXe Series comes standard with EMC Unisphere for application-aware management; file deduplication with compression for increased efficiencies; thin provisioning for adding storage on-demand; and various protocols (including iSCSI, CIFS, and NFS).

### CONTACT US

Contact EMC or your local EMC partner for more information, or visit us at [www.EMC.com](http://www.EMC.com).

EMC<sup>2</sup>, EMC, NetWorker, Unisphere, VNXe, and the EMC logo are registered trademarks or trademarks of EMC Corporation in the United States and other countries. VMware is a registered trademark of VMware, Inc. in the United States and/or other jurisdictions. All other trademarks used herein are the property of their respective owners. © Copyright 2010, 2011 EMC Corporation. All rights reserved. Published in the USA. 08/11 Data Sheet H8510.2