

TOP REASONS WHY CUSTOMERS DEPLOY EMC VSS1600 FOR DISTRIBUTED SURVEILLANCE STORAGE

Distributed architectures store video and surveillance data locally and then periodically transfer the digital data set to the central platform. An example of this might be a 'satellite' police station that stores data locally in office, but from time to time transfers this data over to headquarters—the centralized location. Distributed architectures oftentimes integrate the data with applications and other systems, such as access control and intrusion detection, without engaging a central server. The resulting architecture reduces single points of failure and distributes processing requirements over many, smaller sites. EMC's EMC VSS1600 surveillance storage for highly distributed environments presents unique advantages and differentiators in the industry including low \$/GB at scale, high bandwidth, auto-configuration and load balancing, and award-winning management.

1 DISTRIBUTED STORAGE ARCHITECTURE

EMC® VSS1600 storage is based on the industry-leading VNXe technology. It's purpose-built for highly distributed (and unattended) environments with unprecedented reliability, 'plug & play' simplicity, and entry level affordability –to handle the demanding surveillance workloads in City Surveillance, Government, and Transportation markets. The EMC VSS1600 block-based storage non-disruptively scales to 400 TBs, includes proven five-9's availability, supports iSCSI and FC protocols, and delivers up to 300MB/sec bandwidth performance supporting 100's of surveillance cameras.



2 PLUG AND PLAY SIMPLICITY

EMC VSS1600 are straightforward systems that were designed with ease of deployment and use in mind. It's simple to deploy model is delivered in a small and efficient 2U footprint with 5-9's availability. And you can setup a distributed surveillance storage environment in less than 15 minutes with the EMC VSS1600 Configuration Wizard.



3 EASE OF MANAGEMENT

EMC Unisphere Central is the single management framework for implementing advanced software features and remotely managing a more advanced multisite distributed surveillance deployment of hundreds of EMC VSS1600 systems. EMC Unisphere Central™ provides simplicity, flexibility, self-help, and automation for easily managing surveillance storage. Unisphere includes features like single sign-on, virtualization integration, detailed dashboard views, and customized reporting capabilities.



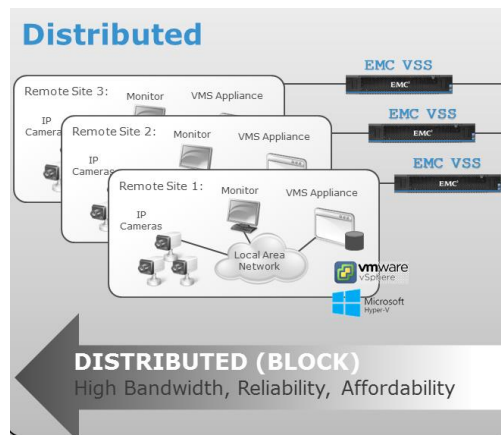


4 VIRTUALIZATION OPTIMIZATION

EMC VSS1600 systems are highly optimized for virtualization with multiple points of integration for VMware vSphere and Microsoft Hyper-V. These integrations include VAAI and VASA with VMware and ODX and SCO with Microsoft—ensuring the successful deployment and operation of virtualized video management software applications.

5 TESTED, VALIDATED, DOCUMENTED

EMC VSS1600 storage systems are rigorously tested and validated with leading Video Management Software (VMS) applications in EMC's global IT Surveillance Labs – the longest running in the industry with over 50 years of combined distributed and centralized surveillance expertise. The results of the testing include comprehensive technical documentation including Sizing Guides, Reference Architectures, and Best Practices that proactively facilitate the deployment and configuration of EMC VSS1600 storage.



CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller, visit www.emc.com, or explore and compare products in the [EMC Store](#).

EMC², EMC, the EMC logo, Unisphere, VNX are registered trademarks or trademarks of EMC Corporation in the United States and other countries. VMware is a registered trademark or trademark of VMware, Inc., in the United States and other jurisdictions. © Copyright 2016 EMC Corporation. All rights reserved. Published in the USA. 03/16 Handout H14837

EMC believes the information in this document is accurate as of its publication date. The information is subject to change without notice.

