

SURVEILLANCE VALIDATION LABS

Test capabilities that reduce risk and increase confidence



LAB ATTRIBUTES

+65 Servers

- vBlock
- UCS
- Dell
- vSphere 6
- Fault Tolerant

35 Racks

- 10Gb backbone
- WAN Simulator
- Event Load Generator
- ECS, Isilon, VNX, VSS
- Software Defined Storage
- Cloud Enabled Systems
- Edge to Core to Cloud Capability

+4000 Camera Simulation

- Multiple video load simulators
- Scale via Virtualization

FOR MORE INFO

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THE INDUSTRY'S LARGEST, MOST ADVANCED SURVEILLANCE LABS

EMC has made a multi-year investment to form the industry's largest, most advanced Test and Certification Surveillance Labs. The labs contain leading technology from all major surveillance vendors in order to validate best-in-breed physical security applications with EMC's portfolio of products. EMC's Surveillance Labs provide organizations with:

- Reduced deployment risk
- Reduced support requirements
- A proven, repeatable architecture
- A known performance baseline for production environments

PROVEN, REPEATABLE ARCHITECTURES

EMC's proactive approach to solution validation creates more efficient and effective delivery and support leading to higher overall customer satisfaction. EMC's Surveillance Labs provide EMC Proven Solutions documentation including reference architectures, white papers, technical notes, sizing guidelines, and technical presentations. Key capabilities of the lab are:

- **Partner testing and validation:** EMC will conduct platform performance benchmarking, test fault tolerance and high availability options, validate virtual and non-virtual architectures, and utilize a "testing at scale" approach. Our labs have been designed to validate multiple ISV products simultaneously and carry out functional testing for technical discovery with new ISV partners. No other IT infrastructure provider in the industry has committed the resources to provide validated solution architectures as comprehensive as what EMC offers.
- **Proof of concept:** Our largest partners and customers can be assured that EMC's Surveillance Labs provide a proven system design that tests the proposed solution at scale to ensure implementation is seamless and is built to meet future requirements.
- **Test to fail philosophy:** EMC has developed a comprehensive test plan with a test to fail methodology that closely matches our customer's production workload at scale. We test at scale with the ability to generate thousands of video feeds in our labs. This ensures that our solutions will deliver enterprise class performance to meet our customer's mission critical requirements.
- **Dedicated engineering team:** The surveillance validation team's expertise spans virtualization, platform performance benchmarking and sizing, network security for physical security assets, and big data analytics related to the video surveillance dataset.

REDEFINE

SURVEILLANCE

EMC²