

Vistara Lifecycle Management for EMC® VSPEX®

Product Data Sheet

The EMC VSPEX Proven Infrastructure is a set of reference architectures proven by EMC and packaged and delivered as complete solutions by trusted resellers. Vistara Lifecycle Management is a complete converged infrastructure management solution that integrates with the individual elements of the VSPEX infrastructure, workloads and federated cloud services to provide a single pane of glass view for unified IT lifecycle management.

Vistara and VSPEX Benefits

Realize the full benefit of the VSPEX Proven Infrastructure with management by Vistara.

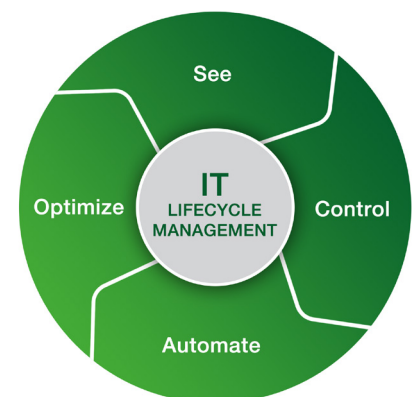
- Simplify your environment with a single, unified dashboard to manage all IT elements.
- Consolidate cloud management of VSPEX alongside public and private cloud services to deliver federated cloud services.
- Gain speed to deploy new services and production environments and speed time to resolve issues.

Vistara Lifecycle Management

Vistara delivers a best-in-class unified management solution for VSPEX technology that provides more advanced features than point tools. Monitor and manage VSPEX as a private cloud using Vistara's cloud services platform. Federate it together with public cloud instances to create a hybrid cloud solution.

Vistara Lifecycle Management for VSPEX capabilities include:

- Federated cloud management
- Unified monitoring and alerts
- Integrated incident and problem management
- Secure session recording
- Guest OS patching
- Application correlation
- Guest host to ESX correlation
- Network mapping
- Server mapping
- Resource utilization
- Automated reporting
- Role based access control
- Native API integrations with VSPEX elements



Why Vistara Lifecycle Management and VSPEX

VSPEX proven infrastructure solutions enable enterprises to build private clouds more quickly and at lower cost. Vistara Lifecycle Management enables customers to quickly begin managing their VSPEX converged infrastructure solution. It completes VSPEX private clouds by providing the unified monitoring and management capabilities to keep the private cloud running smoothly and integrated with the rest of their IT infrastructure.

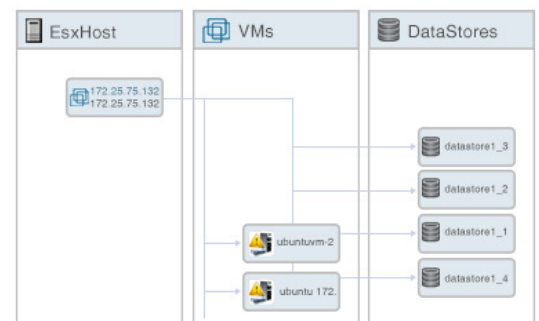
- Single intuitive dashboard provides comprehensive platform for key IT operations management functions.
- Patch management and antivirus updates ensure your server elements remain secure.
- Network configuration management keeps a complete record of network device configurations and enables easy rollback as needed.
- Alert management enables IT administrators to quickly distinguish signal from noise and identify root causes.
- Runbook automations handle common events and enable administrators to focus their attention on novel problems.
- Network dependency mapping and application correlation speed root cause analysis and reduce mean time to resolution for issues.
- Secure session recording provides complete record of all administrator actions to enable audit compliance.
- On-demand end-of-month reporting simplifies chargeback and enables businesses to get the best return on their investment.



Unified Management of Physical and Virtual Infrastructure

Unlike point tools, Vistara Lifecycle Management manages both the physical and virtual elements of your VSPEX proven infrastructure solution to enable unified management with a single tool from the bottom to the top of the stack.

- Manage all VSPEX physical elements including storage solutions, network devices, and servers as well as ESX Hosts and virtual machines.
- Heads-up VSPEX dashboard shows key metrics including storage capacity, most active virtual machines, and capacity utilization for CPU, memory, and storage.
- Network dependency map shows dependencies of ESX Hosts on virtual machines and storage solutions to speed troubleshooting.



Native API Integrations for Robust VSPEX Management Support

Unlike many tools that are limited to management through standard protocols like SNMP, Vistara Lifecycle Management features native API integrations with the elements of EMC VSPEX to provide the tightest possible integration, management, and control.

A Faster Path to the Hybrid Cloud

Enterprises that have or are moving to a hybrid cloud infrastructure benefit from Vistara Lifecycle Management's unified support for IT operations management across on-premise, private cloud, and public cloud infrastructure. Network Operation Center staff can monitor and manage all of their distributed IT operations using a single solution. Enterprises can implement a private cloud with Vistara and later expand to the hybrid cloud while continuing to use the same management solution.

Advanced Federated Service Management

Modern IT organizations are defining complex services that may depend on elements and services from the VSPEX private cloud, public cloud, or any combination. Vistara Lifecycle Management empowers IT administrators to create sophisticated service definitions that specify a service's dependencies on elements regardless of their location. Administrators can create custom metrics for service health, availability, and performance, including degraded availability, to ensure service level agreements are satisfied.

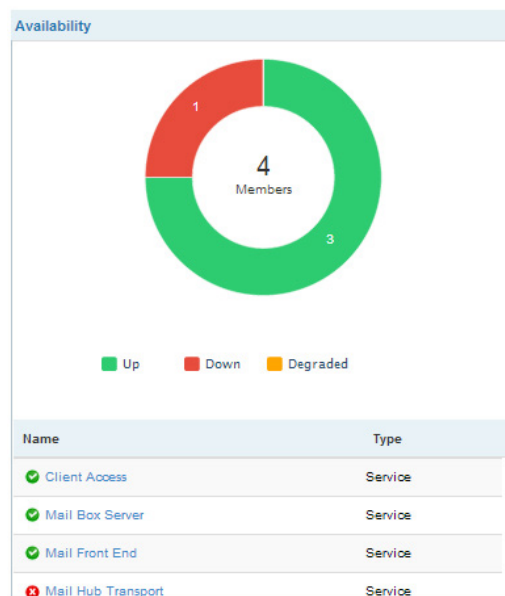


Service maps display dependencies intuitively and enable administrators to browse through service elements when analyzing issues.

Vistara Lifecycle Management native API integrations include:

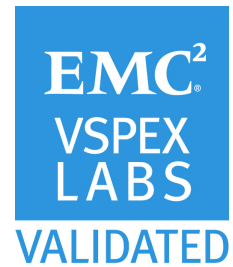
- EMC VNX, VNXe
- Brocade VDX
- Cisco Nexus and UCS
- Microsoft SCOM
- VMware Virtual Center

- ▼ VSPEX (1)
 - ▶ vspex1
- ▶ VMware (2)
- ▼ My Clouds (9)
 - ▶ RackCloud (3)
 - ▶ SilverLine (14)
 - ▶ iLandDiscovery (3)
 - ▶ Vistara Demo Google Cloud (2)



Validated Solution for Proven Results

Vistara Lifecycle Management was the first SaaS solution to be validated by EMC Labs as a management solution for VSPEX Proven Infrastructure solutions. Vistara Lifecycle Management has also been validated by EMC Labs as a management solution for VNX® and VNXe® storage solutions.



Vistara and EMC: A Strong Partnership for Customer Success

Vistara is an Advantage partner in the EMC Business Partner Program for Technology Connect Partners. EMC awarded Vistara its 2014 EMC® Technology Connect VSPEX Most Valuable Partner Award. EMC and Vistara continue to cooperate on the definition, further development, and adoption of VSPEX proven infrastructure solutions.

About EMC

EMC Corporation is a global leader in enabling businesses and service providers to transform their operations and deliver IT as a service. Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect and analyze their most valuable asset in a more agile, trusted and cost-efficient way. Additional information about EMC can be found at www.EMC.com



About Vistara

Vistara provides a comprehensive SaaS solution for modern IT operations management. Vistara Lifecycle Management empowers enterprise IT to see across the entire IT infrastructure, control all elements, automate management, and optimize availability, performance and capacity. It's currently used by over 1000 customers to drive unified IT operations from a single pane of glass.



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