Symantec LiveState™ Delivery

Scalable and reliable change and configuration management for client devices in heterogeneous environments

Overview
Symantec LiveState™ Delivery helps ensure Client Resilience by provisioning, distributing, configuring, and updating both operating systems & applications for a range of heterogenous clients, including mobile and remote.

Symantec LiveState Delivery simplifies and automates existing, manual IT processes, and transforms them into unattended operations that can be performed on multiple systems simultaneously – across the enterprise and across virtually all types of devices and networks.

Symantec LiveState Delivery enables IT organizations to rebuild critical systems; roll out new computers and perform OS migrations as well as deploy applications and perform ongoing security and configuration management.

Symantec LiveState's open and extensible architecture works with existing lifecycle management tools and processes, easing implementation within current environments and minimizing the total cost of owning and maintaining client devices. The Symantec LiveState family of solutions is based on a common management platform that allows additional capabilities such as patch management or system recovery to be easily added as client management needs grow.

Symantec LiveState Delivery Enterprise Manager
Symantec LiveState Delivery Enterprise Manager adds dynamic policy-based, desired state management to complement traditional task-based methods. Offered as an add-on to Symantec LiveState Delivery, Enterprise Manager integrates with Microsoft® Active Directory®, asset management databases, and other external sources such as in-house SQL databases.

Specify “must have” and “cannot have” rules and automatically bring devices to their ‘desired state’ via defined policies. Ensure client devices stay consistent and compliant with corporate standards, including automated removal of unauthorized software.

Benefits
Centralized control to ensure clients are secure, available, and compliant with corporate standards

- Quickly discover unmanaged computers and bring them under management.
- Develop and distribute client management standards across an organization.
- Deploy and configure software such as operating systems, business applications, or security-related products.
- Distribute appropriate updates using persistent delivery over high and low-speed, wired and wireless networks to all client devices, including mobile and remote computers.

Proactively manage change
- Securely migrate end-user data and OS/application settings when performing system upgrades. A unique Web-based self-service facility enables end-users to specify the location of data files and settings.
Data Sheet: Configuration Management & Delivery
Symantec LiveState™ Delivery

- Manage thousands of devices across a heterogeneous environment, including Windows®, Linux®, UNIX®, Mac® OS and Windows Mobile for Pocket PC.
- Define, implement & administer client policies/rules

Reduce cost and effort
- Leverage pre-tested, unattended processes to minimize the total cost and effort needed to manage and keep client devices secure, available, & compliant with corporate standards.
- Package, deliver and remotely execute effectively any client management tasks.
- Interoperable with existing lifecycle management processes and tools -- such as Microsoft Active Directory, enterprise frameworks, and in-house SQL databases – in order to leverage existing investments and minimize training and implementation costs

Leader in Software Distribution
- According to IDC, Symantec is the worldwide market leader in software distribution
- Proven and reliable technologies provide assurance that new PC roll-outs, OS migrations & application deployments are performed rapidly, efficiently, & successfully.

Increase efficiency
- Automate repetitive or manual client management tasks to improve Help Desk response time and provide consistent client support across an organization.
- Reduce or eliminate the need for technician visits by sending simple/complex tasks to targeted devices via persistent delivery – which ensures client tasks get delivered & implemented.
- Symantec LiveState’s common architecture reduces the number of individual programs IT managers must administer. A common database & automated agent deployment infrastructure make it easy to add other Symantec LiveState applications such as Symantec LiveState Patch Manager or Symantec LiveState Recovery, as your needs evolve.

Features
Automate manual IT Tasks
- Automate repetitive help desk and IT management tasks.
- Ensure end-point devices receive and apply all required updates & applications via persistent delivery regardless if inside or outside a corporate firewall.

Image delivery
- Enables deployment of Symantec Ghost™ and DeployCenter™ images to quickly provision client devices.

Manage client devices throughout a heterogeneous environment
- Discover unmanaged computers & easily deploy the Symantec LiveState agent to them.
- Manage desktops, laptops, handhelds, Internet kiosks, POS devices, & more.
- Optimize bandwidth usage and securely deploy over low or high-speed networks leveraging dynamic bandwidth throttling, file/byte-level differencing, checkpoint-restart, compression & HTTP/HTTPS.
- Supports Windows, Linux, Unix, Mac® OS and Windows Mobile for Pocket PC.
**Package creation and management**

- Simplify package creation using automated wizards & graphical tools.
- Minimize package development efforts by employing parameters to create a single package for multiple configurations to be leveraged for different groups & users throughout your organization.
- Select an optimal installation methodology to automate virtually any software installation using snapshot (delta), MSI, or native (scripted) installations.
- Leverage third party packages such as Wise®, InstallShield®, and MSI.

**Centralized administration**

- Manage and replicate multiple LiveState configuration environments (packages, profiles, etc.) & servers to help ensure consistency across a distributed environment.

**Advanced job scheduling and ordering**

- Targeted scheduling allows for flexible deployments during optimal times.
- Deploy “Emergency Jobs” which take precedence over other scheduled jobs to respond immediately to time-critical issues, such as virus attacks & other vulnerabilities.
- Improve the success rate of deployments enterprise-wide by defining the execution order of deployment tasks.

**Policy-based management**

- Design, implement and administer policies to manage a client’s desired state.
- Integrates with Microsoft Active Directory, asset management databases, in-house SQL databases, & other external sources.
- Automated removal of unauthorized software.

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**Minimum System Requirements**

**Symantec LiveState Delivery**

**Server**

- Processor: Intel® Pentium™ 4, 2.5 GHz
- Hard disk space: 4 GB
- Memory: 1 GB RAM

**Console**

- Processor: Intel Pentium 4 2.0 GHz
- Memory: 512 MB RAM
- Operating Systems: Windows Server 2003 Standard/Enterprise/Web Edition; Windows 2000 Professional (SP4); 2000 Server (SP4)/Advanced Server (SP4); XP Pro (SP2)

**Managed Devices**

- RedHat™ Linux 8.0/9.0
- SuSE™ Linux 8.x
- HP™-UX 11i
- Sun™ Solaris 8
- Mac OS X 10.2
Symantec LiveState Delivery Enterprise Manager

Server
- Processor: Intel Pentium 4, 2.5 GHz
- Hard disk space: 16 GB
- Memory: Minimum: 2 GB RAM

Console
- Processor: Intel Pentium 4, 2.0 GHz
- Hard disk space: 40MB
- Memory: 512 MB RAM

Supported operating systems
Symantec LiveState Delivery & Symantec LiveState Delivery Enterprise Manager
- Microsoft Windows
- Unix
- Linux
- Mac OS
- Windows Mobile for PocketPC

More information
Visit our Web site
http://sea.symantec.com/delivery

To speak with a Product Specialist in the U.S.
Call toll-free 800 745 6054.

To speak with a Product Specialist outside the U.S.
For specific country offices and contact numbers, please visit our Web site at sea.symantec.com/contactus.

About Symantec
Symantec is the global leader in information security, providing a broad range of software, appliances, and services designed to help individuals, small and mid-sized businesses, and large enterprises secure and manage their IT infrastructure. Symantec’s Norton™ brand of products is the worldwide leader in consumer security and problem-solving solutions. Headquartered in Cupertino, California, Symantec has operations in 35 countries.

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1 Optional add-on component to Symantec LiveState Delivery, that is purchased separately. Requires professional services implementation