



HIGH AVAILABILITY CONFIGURATION

Manage Your IT for Business Advantage

The ability of an enterprise to manage business technology infrastructure can determine its degree of success. Ensuring that systems and networks are available anytime, anywhere gives employees, partners, and customers the tools they need to do their jobs, make decisions, and drive revenue.

Enterprises that depend on their technology encounter similar IT management issues. They are overrun with ineffective and expensive software programs that offer little if any return of investment. Many IT environments are composed of vendor specific management tools, or tools designed for a single purpose, and are frequently the outcome of a mixed-solution environment.

Management needs to control the costs of data center operations, while they manage a growing network with remote locations and various service providers. Managers must unify and streamline their efforts while providing effective and timely reporting and auditing to their constituents.

They need to increase communications while reducing the complexity associated with managing workflow and issue tracking. Managers need a way to consolidate their monitoring and management applications into a single “pane-of-glass” view, thus reducing confusion and centralizing operations management.

The Solution

The EM7 IT Management System, deployed in a high-availability configuration, addresses all of these issues and more, while giving you the ability to shape a solution that’s tailored for your enterprise needs. Incorporating patent-pending technology, EM7 is designed to help consolidate disparate management systems and operator tasks into a single easy to use secure portal. Designed by IT managers for data continuity and maximum effectiveness through best practices, EM7 provides proven functionality and stability for enterprises and providers alike. ScienceLogic’s appliance-based IT management yields you the benefit of fast installation while helping make your IT operations run more efficiently by removing the complexity often associated with framework and NMS solutions.

▼ MANAGEMENT APPLICATIONS

Network
Asset & Configuration
Application
Event
Ticketing
Service Level
IP & DNS

▼ KEY BENEFITS

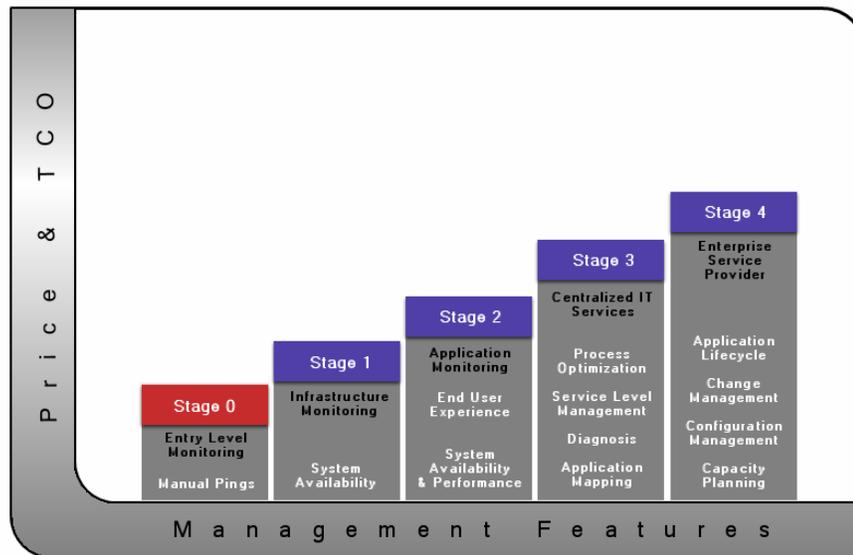
- Lowers TCO of NMS infrastructure
- Improves reporting and auditing
- Reduces MTTR and damage control
- Fast Installation and spin up
- Improves teamwork
- Reinforces operational protocol
- Saves time and money

▼ KEY FEATURES

- Centralized reporting
- Designed by IT Managers
- Secure web portal access
- Scaleable and upgradeable
- Hardened and secure NSA Linux
- Intuitive GUI with on-line help
- Best-practice applications
- Embedded software & firewall
- Raid & Hot Swap Components
- Works with 3rd Party Agents



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Lowering TCO, Increasing ROI

EM7 delivers one of the lowest costs of ownerships (TCO) and highest returns on investment (ROI) in the industry. EM7 solutions reduce costs associated with traditional framework products and point solutions by consolidating functionality into a single software embedded solution. Designed by IT managers to improve data consistency, operator efficiency, and centralize reporting and event handling, EM7 Management Systems take the complexity out of installation and ongoing maintenance.

EM7 reduces your cost per managed node; on average EM7 can manage more devices, interfaces, and applications than competing products, and at a fraction of the price. Through extensible solutions that are deployed quickly, EM7 also reduces installation costs, when compared to traditional solutions.

Inherent to EM7 architecture is its ability to consolidate disparate tools and workflow functions into a single interface. This method reduces the ongoing cost of ownership by and delivers superior quantifiable results by increasing teamwork efficiency.

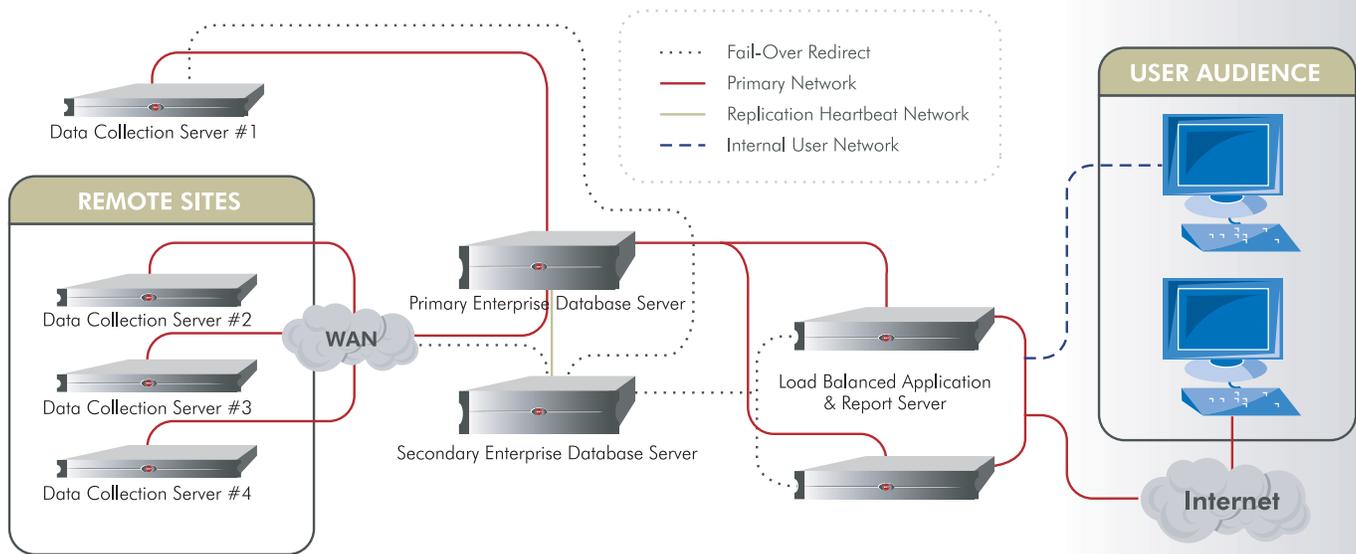
Security & Integration

EM7 offers a total management solution consisting of hardware, software, and services. At ScienceLogic we believe management systems are just as mission critical as the devices and tasks they manage. That's why we built every component to industry best practice standards. Every EM7 server appliance has an embedded firewall that dynamically changes based on how your EM7 solution is operating and configured. At the operating system level, EM7 server appliances is a super-hardened NSA Linux kernel with built-in IDS protection.

Each EM7 server appliance was designed to be reliable and provide high availability, and include integrated hot-plug SCSI hard drives with pre-configured RAID with battery-backed cache that allows data to be written to a disk even in the event of a power loss, redundant hot-plug power supplies and cooling fans, and multiple gigabit network interfaces that can be teamed or bonded for additional network redundancy provide additional levels of redundancy.



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Flexibility and Expandability

EM7 Extensible Management Systems are designed for flexibility as well as high-availability. To achieve this, core functions of the EM7 architecture are distributed to dedicated systems, thus allowing for a more resilient and larger management of remotely managed entities.

Data Collection Server Appliances that are responsible for SNMP, Syslog, and Email collection can be positioned just about anywhere in your network, giving additional fail-over and fault tolerance for remotely managed systems and devices. Placed in different network segments or deployed in “air-gapped” Networks, each Data Collection Server can comprehensively manage anywhere from 40 to 450 nodes, and operate independent of other collectors.

The central repository of EM7 is its dynamic Enterprise Database Server Appliance, which offers database replication and failover protection. Multiple databases can be clustered and replicated to create a high-level of redundancy for data security and disaster recovery. In the event of a database failure, remotely connected auxiliary systems will automatically failover to a secondary database.

Service providers and organizations that maintain high SLA requirements and/or utilization requirements may be interested in a load-balanced EM7 Application and Report Server configurations.

EM7 Application and Report Servers offers customer-facing and operationally secure access through DES-3 session-based encryption. This allows users to access the EM7 interface from either a public network or internal network securely.



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Ensuring Business Continuity

EM7 can work in concert with your existing management infrastructure and leverage existing preinstalled management agents, thus providing you with comprehensive Manager-of-Manager (MOM) functionality. You can implement up-stream message correlation and event definition policies for SNMP traps, Syslog messages, email messages, and/or ScienceLogic's own messaging API. Applying ScienceLogic's patent-pending Policy Management technology is simple and fast, and can help enforce internal auditing and reporting for external IDS, firewalls, NMS systems, or other devices.

Access to EM7 and its reporting is also fully configurable. Through the EM7 Organizational Manager, users can be given granular permissions to access over 80 different reports and features, therefore allowing you to grant constituents access they need to perform their jobs. Branding is another key component of EM7. Using the built-in brand and theme editor, you can customize the look-and-feel of the interface and reports. This appeals to enterprises and providers enabling them to automatically deliver the exact brand on an individual user basis.

Service & Support

Hardware support is also a function of reliability; ScienceLogic provides provider-grade 24x7x365, 4 hour on-site hardware support standard with all EM7 Management Systems. ScienceLogic brings you deployment assistance that delivers true value from beginning to end. We can tailor an EM7 solution to meet your needs by pre-configuring and testing all systems during the initial build process. Once at your site we will rack mount the systems, work with your IT staff to get the servers on your network, and then begin operational testing. Every step of the way, our services help assure the success of your project.



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