



## ScienceLogic Relies on MySQL to Deliver Integrated Network Management Appliance



### Network Management

Database: MySQL Embedded Server

"ScienceLogic EM7 puts very heavy demands on MySQL. A current enterprise implementation can manage over 10,000 tables and perform over 200 million queries per day. MySQL delivers the speed, scale and flexibility that EM7 customers require of an enterprise-class solution."

#### Dave Link

CEO & President, Co-Founder  
ScienceLogic



### ScienceLogic Overview

ScienceLogic, one of the fastest growing Network Management companies, was founded in 2003. ScienceLogic EM7 appliances are helping global companies such as Legg Mason, XM Radio and BET better manage their large IT infrastructures using a single integrated IT operations management solution. To give the entire IT organization better visibility and control over the performance and availability of their networks, systems and applications, ScienceLogic relies on the performance and scalability of MySQL to process real-time information from thousands of networked devices.

### The Business Challenge

Large organizations rely on numerous point solutions, from multiple vendors to manage the capacity, performance and availability of their IT infrastructure. Not only are these tools expensive, difficult to use and time consuming to deploy, but managing them becomes increasingly more complex as the size of the network grows.

ScienceLogic solves this problem by delivering comprehensive IT management appliances that work out of the box. All functionality in the appliances is pre-integrated to support the automated workflow of daily IT operations, from performance and fault management to dashboards and service desk functions to asset management and capacity planning. EM7 appliances typically replace between 3-5 existing point solutions, delivering immediate ROI and lowering total cost of ownership (TCO).

### The MySQL Solution

Delivering an all-in-one solution that integrates multiple network management functions requires analyzing much higher volumes of data in real-time than single point solutions. As a result, choosing a database that can deliver real-time performance and scalability becomes a critical success factor.

After evaluating multiple databases, ScienceLogic selected MySQL as the centralized data repository for its highly scalable network management solution. MySQL comes pre-loaded, pre-tested and pre-configured enabling ScienceLogic to deliver:

- **Easy to deploy, plug-and-play turnkey appliances** that work out of the box
- **Zero database administration solution** using a fully integrated, self-managed and optimized MySQL database
- **Personalized dashboards, alerts and reporting** fed by the embedded MySQL database
- **Cost-effective solution** that replaces multiple point solutions and eliminates additional high-cost proprietary database license fees
- **Competitive fault tolerance solution** for high availability and operations continuity
- **Scalability to manage enterprise networks** with thousands of servers, routers, switches and devices in a heterogeneous computing environment
- **High performance** to manage over 10,000 tables and perform over 200 million database queries per day

## MySQL Embedded Server for OEMs, ISVs, and VARs

MySQL Embedded Server is a full-featured, zero administration database that enables ISVs and OEMs to bring their applications and solutions to market faster. MySQL's small footprint, zero administration and support for 20+ platforms gives ISVs and OEMs ultimate flexibility to ship a highly reliable SQL compliant, transactional database with just about any software application or hardware appliance.

The MySQL Embedded Database enables OEM/ISV/VARs to:

- **Reduce COGS and improve profitability** by embedding a cost-effective database without artificial license restrictions on CPU, memory, and servers
- **Bring applications to market faster** by embedding a proven database rather than building and maintaining a proprietary database in-house
- **Deliver a differentiated solution** that can capture, store and report on data with speed and granularity by embedding a full-featured, relational database
- **Win competitive comparisons** using a SQL compliant, relational database with superior performance and reliability
- **Deliver a Zero Administration solution** so that their customer don't have to hire dedicated DBA resources
- **Make reporting and analysis easy** using a cost-effective open source reporting solutions like Jasper for MySQL: OEM Edition.

MySQL Embedded Server is Ideally Suited for:

### Software Applications

- Network & Performance Management
- Monitoring Systems
- CRM & ERP
- Educational Software
- Email, Anti-spam software
- VoIP & Online Messaging
- Healthcare & Practice Management
- Biotech

### Hardware Appliances

- Networking Equipment
- Routers & Traffic Controllers
- Security Appliances
- Retail Kiosks
- Point-of-Sale (POS) Systems
- Diagnostic Instruments
- Sensory Devices
- And more...

### About MySQL

MySQL AB develops and supports the MySQL database server, the world's most popular open source database. Over ten million installations use MySQL to power high-volume Web sites and other critical business systems — including industry-leaders like Adobe, Cisco, Motorola, Symantec and Suzuki.

MySQL is an attractive alternative to higher-cost, more complex database technology. Its award-winning speed, scalability and reliability make it the right choice for corporate IT departments, Web developers and packaged software vendors. For more information about MySQL, please go to [www.mysql.com](http://www.mysql.com).



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