eSchool Solutions Embeds MySQL to Deliver the Most Comprehensive Teacher Absence Management Solution

eSchool Solutions Overview

eSchool Solutions is a leading provider of educational management solutions specifically designed for the preK-12 education community. eSchool Solution's absence management application is helping many of the largest school districts in the United States and Canada to improve their operational effectiveness and reduce expenses. eSchool Solution's application is used by more than 700 school districts including the largest, the New York City Department of Education.

The Business Challenge

School districts need a more efficient way to fill teacher vacancies with substitute teachers. At any given time 5%-10% of teachers are absent, requiring school districts to fill thousands of positions every day. Relying on manual processes to find substitutes is time consuming and does not result in finding the most qualified substitute teacher for the job.

To solve this problem eSchool Solutions developed SmartFindExpress® which helps school districts fill absences more efficiently using the Internet and telephone with an Interactive Voice Response (IVR) system. With over 100 parameter settings available, SmartFindExpress automatically assigns substitutes based on criteria such as location, skill sets, and union contract guidelines. This significantly improves the quality of instruction by matching assignments with the most qualified substitute available.

The MySQL Solution

SmartFindExpress is available as a turnkey build-and-ship model, where the entire system is deployed onsite at the school district or as Software as a Service (SaaS) in which the entire solution is hosted by eSchool Solutions in their secure data center. MySQL gives eSchool Solutions the flexibility to deploy their solutions in multiple models by meeting the following requirements:

- **High reliability** so that the application can be accessed 24x7 via the Internet or telephone
- **Cost-effective database** for price-sensitive educational institutions that can't afford to pay high-cost propriety database license fees
- **Low administration** so that school districts don't have to hire a dedicated DBA on site to manage the database
- **Cross platform support** allowing eSchool Solutions to ship their software on Linux or Windows depending on the requirements of individual school districts

Education

OS: Linux, Windows

Database: MySQL Embedded Server

"MySQL has enabled us to deliver the most comprehensive absence management solution to over 700 school districts across North America."

John S. May
Director of Product Management
eSchool Solutions, Inc.

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 industry leading high-volume Web sites like Google, Yahoo, Travelocity and Flickr. In addition, over 700 ISVs embed MySQL including Adobe, Cisco, Motorola, Symantec, Suzuki and Zimbra.

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**.

MySQL®

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