COMPERIO

Comperio engaged Percona to:
- Meet business-critical scaling needs
- Guarantee database uptime
- Help create a reliable, always-available application experience for customers

Comperio Uses Percona for Database Expertise and Scalability Needs

Comperio has a passion for making libraries accessible and usable for both library customers and library staff. They are a company that provides a library management system (LMS) as an enterprise resource planning system. An LMS is used to track inventory owned, orders made, bills paid and patrons' current checkouts and borrowing patterns. They were one of the first companies to provide these services "in the cloud" – a model that was somewhat revolutionary at the time.

An LMS is usually comprised of a relational database, software to interact with that database, and two graphical user interfaces (one for patrons, one for staff). Comperio uses open source MySQL® as its database. Its customers are libraries that use the database to catalog contents, show what is currently available or checked out and user information.

Comperio's structure is a master/slave replication model. The average librarian in Italy is not necessarily literate in open source database technologies, and requires some assistance in updating their databases on a fairly regular basis. For this reason, the updates to the main database from library branches are delayed 24 hours to verify that changes are accurate and correctly entered. With close to 320 library customers, 4 million items and 3 million loans per year, the replication process needs a lot of monitoring and oversight.

"Percona consulting helped us get our architecture running smoothly. And with Percona support, we know that any database issues we encounter will be handled immediately, quickly and with the best solution. Percona experts have the knowledge and experience to handle any database challenge."

> *- Dario Rigolin, Owner of Comperio*

As a small company with limited resources, Comperio needed to find a partner to help with their database environment in order to allocate resources elsewhere. Namely, improving front-end application performance and data collection projects that monitored user interactions and behavior. As they scale up their business – and subsequently, their database – this became even more of a priority.

"Our people, while excellent, don't necessarily know everything about MySQL and database architecture," said Dario Rigolin, owner of Comperio. "With open source, often you learn from your mistakes. As a small company, we often don't have the time to make those mistakes and thoroughly research database solutions."

Comperio contacted Percona to help organize their database architecture, as well as provide assistance with any issues that arose. After an audit, and a consultation with Percona experts to understand Comperio's needs, Percona was able to help organize their replication architecture and optimize their databases.

With Percona, Comperio could count on not only having MySQL experts review their database setup and implementation, but also verify that the database solutions were the best available. When issues arose, Percona's experts could quickly find the root of the problem. This helps Comperio provide its customers with an excellent experience, protect its brand visibility and focus on other projects that can improve services.

Percona Database Consulting quickly gets to the heart of issues and optimizes performance

Percona consultants have decades of experience solving complex database performance issues and design challenges. Available globally 24x7x365, Percona's experts have worked remotely and on site with more than 3,000 clients. "Percona Consulting was able to quickly analyze our queries, workload and environment," said Dario. "They proposed solutions that met our scaling needs and business goals. The suggested changes were implemented fast, with no database downtime, and we saw an immediate improvement in our performance."

Percona Support guarantees database optimization

Percona Support is a highly responsive, effective, affordable option to ensure the continuous performance of your MySQL and MongoDB® deployments. Our user-friendly support team is accessible 24x7x365 online or by phone to ensure that your databases are running optimally. We can help you increase your uptime, be more productive, reduce your support budget, and implement fixes for performance issues faster. "Percona's experts provide some of the best support in the business," said Dario. "They have the answer to almost any database issue, and can quickly implement the best resolution to keep our environment up and running."

Percona Server for MySQL provides a stable environment for growth

Comperio is using Percona Server for MySQL. Percona Server is a free, fully compatible, enhanced, open source drop-in replacement for MySQL that provides superior performance, scalability and instrumentation. With over 1,900,000 downloads, Percona Server for MySQL's self-tuning algorithms and support for extremely high-performance hardware deliver excellent performance and reliability.

Contact Us Now

To determine what open source database solution is right for your business, please call us at +1-888-316-9775 (USA), +44 203 608 6727 (Europe), or email us at sales@percona.com.