

App Booster Technology

Keywords: processing speed, system reliability, load balancing, business activities

Acceleration of Data Processing

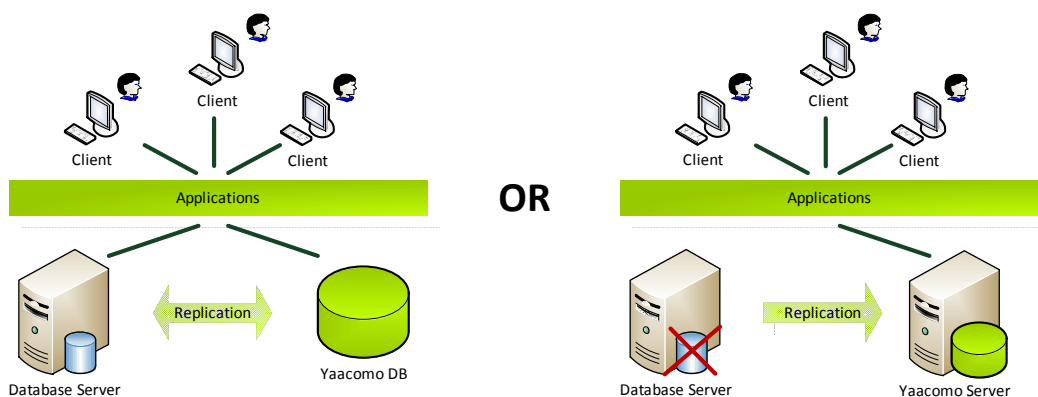
Key challenges in the IT sector are capacity, speed and efficiency. In particular, this applies to mass data processing. To meet these challenges both profound technical knowhow and experience are required.

In the meantime expensive and space-consuming new hardware and software systems or system extensions are not required anymore. The new high performing Yaacomo technology is a remarkable technological innovation, which uses hardware resources much more efficiently. Yaacomo delivers never-thought-possible velocity, providing needed information up to 1.000 times faster than classical data bases.

As a mass data jongleur and breakthrough-performer, Yaacomo lives up to the above-mentioned challenges.

Beneficiation of Business Applications

Reports, analysis, calculations, or other kinds of data evaluation - the performance of all apps used in daily business depends critically on the performance of the underlying database technology. Data-mining KPIs, or OLAP on the basis of DWH tools, enterprise resource planning with ERP tools, and content management with CMS tools are only a few examples where Yaacomo's powerful data processing technology can increase the performance of business apps by an order of magnitude.



Tested App Booster Systems – partial and full system substitution

To solve performance challenges, different strategies can be applied – from taking charge of some processes (left picture) to complete system substitution (right picture) by Yaacomo.

It is not necessary to change the application code - all applications can be adopted on a one-to-one basis and work on Yaacomo as well as on other DBMS.

Time-consuming complex analysis, data evaluations based on huge data amounts or other critical processes can be outsourced to Yaacomo and will not cause difficulties from then on. The existing system database will be clearly relieved and the system reliability will be increased, as database access is still ensured, even if the system database fails.

Load balancing increases the performance of formerly overloaded systems significantly. The same applies if the original system database is fully substituted and all accesses will be accelerated. To ensure continuous system availability, Yaacomo will run parallel to the system database during the implementation phase, so that both databases access data sources and synchronize. During this time apps will be migrated to app booster Yaacomo.

Yaacomo is well-equipped with all common standard interfaces allowing for easy conversion and wide compatibility. Besides we design customized solutions.

Impact on Business

Partial or full system substitution does not only enhance the performance of business tools but also their usability. Hence there is more time to turn attention to the company's core competencies.

All business intelligence activities will benefit, as the improved possibility to gain insights enables better operational and strategic decisions with regard to the company's goals.

Successful database projects are our core expertise for over 20 years. We use our solution expertise to develop more economical IT-systems and IT-solutions to make a contribution to environment by reducing resource requirements.

In recent years we have been focusing on the development and optimization of the fast and slim Yaacomo technology, which already passed the real-life-test by processing all net topology data of Vodafone in a matter of milliseconds. Now mass data processing is a matter of routine.

