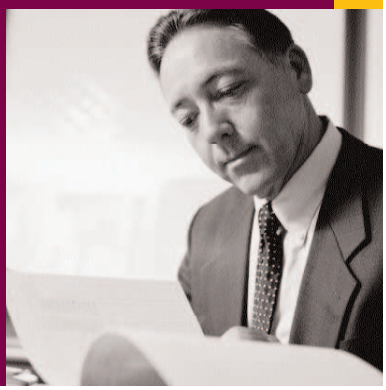
Partner Technical Brief
SAP NetWeaver® – Egenera® BladeFrame®



DATA CENTER VIRTUALIZATION

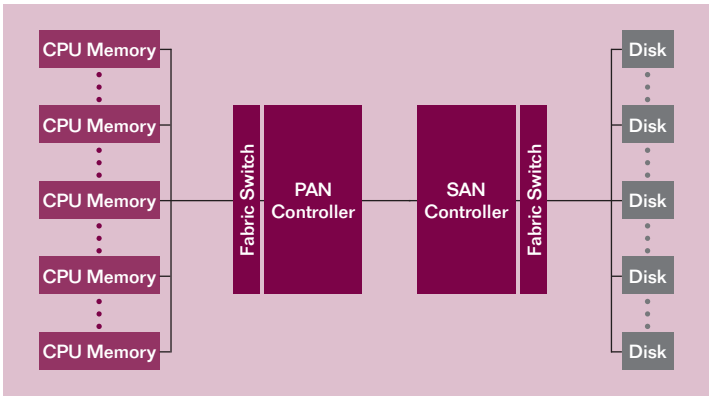
SAP and Egenera team to reduce IT infrastructure complexity and lower costs

Many SAP customers use the SAP NetWeaver® platform to increase the flexibility and performance of their applications and reduce IT operating costs. By combining SAP NetWeaver with the Egenera® BladeFrame® utility computing system, they can boost these effects even further. For example, customers can use the combined system to help reduce complexity in data centers and maximize system availability and scalability. On average, Egenera BladeFrame customers have documented a 50% reduction in total cost of ownership during a three-year period.

Over the years, many IT landscapes have developed into complex environments with high administration costs. By combining the SAP NetWeaver® platform with the Egenera® BladeFrame® utility computing system, companies can simplify administration of their IT environments considerably and cut IT costs. The key to this simplicity and savings is separation of server identity and compute resource, a process that detaches individual SAP® applications from dedicated physical servers and instead allocates them dynamically to virtual servers.

Egenera PAN Architecture

Egenera enables utility computing with a new server architecture, the Processing Area Network (PAN), which combines stateless Egenera Processing Blade™ modules with powerful software that



PAN Virtualizes Processors, Memory and Network Connections

egenera®

SAP®

virtualizes server components. Because Egenera Processing Blades contain no disk drives, network interface cards, or host bus adapters (which give a server a specific identity), they enable:

- N+1 high availability and disaster recovery
- Automated load balancing
- Rapid scale-up, scale-down, configuration, and reconfiguration

Valuable Synergies

Combining SAP NetWeaver with the Egenera BladeFrame produces numerous synergies that satisfy SAP customer requirements for high availability, network-intensive transactions, and an adaptive computing infrastructure.

Lower Total Cost of Ownership

Running SAP NetWeaver on the Egenera BladeFrame, which minimizes over-provisioning and physical network infrastructure, leads to a significant drop in capital spending for data-center equipment.

Scalability

The environment created by these two technologies can easily be expanded to include new SAP components. By dynamically allocating processing resources to SAP applications based on demand, the Egenera BladeFrame virtually eliminates downtime.

Reduced Complexity

The Egenera system can lower server count for SAP solutions by up to 75%, dramatically simplifying data-center infrastructure. Egenera PAN Manager™ software also facilitates manageability by providing a single point of control for all Processing Blades in an SAP installation.

Better Application Availability

The Egenera BladeFrame provides out-of-the-box, automatic hardware failover, enabling data centers to configure every SAP application for high availability at virtually no cost.

Faster Application Response Time

The Egenera BladeFrame system's virtualized architecture routinely right-sizes SAP applications, to identify the optimal combination of utilization, price, and performance, ensuring that response times meet user expectations and service-level agreements.

The SAP-Egenera Alliance

Egenera is the first enterprise hardware provider in more than 10 years to earn designation as an SAP global technology partner. In addition, the Egenera BladeFrame system has achieved hardware certification to run SAP solution–based systems on the Microsoft® Windows® Server 2003 operating system, enabling customers to confidently reap the benefits of solutions from Egenera and SAP. The companies have also entered into a relationship that includes ongoing technology certification, cooperative customer support, and go-to-market initiatives.

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