



## Your bridge into the New World of SOA



Discover your new capabilities by deploying OmnivoBridge. It couples across different technological systems, carrying different middleware products. As a bridge into the New World of “Service Oriented Architecture” (SOA), OmnivoBridge is a perfect fit for coupling NonStop legacy applications with Java based systems – no problems, very effective, no limits.

Enterprises were always facing challenges to master economic and technological changes and to adapt their business processes. But today we see changes happening extremely more intense and much faster worldwide. Considering this scenario regarding IT infrastructure, a “big bang” approach, replacing everything on the spot, could put the whole IT in an enterprise at risk. A “smooth migration” is the approach of choice, utilizing existing data and systems, embedded in a constant moderni-

zation process, to integrate those into new application environments. At this point OmnivoBridge comes into the game: as a bridge into SOA, it allows coupling different systems

running various middleware products, especially HP NonStop with other Java based systems. This bi-directional way of coupling is unmatched by any other comparable software. Synchronous as well as asynchronous communication can span over different containers and platforms – thus at highest availability. In such an environment, frequently used Java based containers are: JEE Application servers or NSJSP.

### OmnivoTribe – one family, unlimited capabilities

- OmnivoBase, for developing high-grade Java applications for clients and servers. Additional tools and modules provide precisely fitting solutions for each and every task – fast, flexible and cost effective.
- OmnivoBridge, for coupling systems across different technologies, running various middleware products – no problems, very effective, no limits.
- OmnivoRSC, for communicating with clients and /or other heterogeneous systems. Application extensions can be implemented without involving NonStop developers. Even transactions controlled by heterogeneous systems are feasible – safely, time effective and simple.

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OmnivoBridge is for example applicable for monitoring within production control systems, like the so called "Fertigungsleitsysteme" (FLS) in many German production enterprises. Events, popping up in a NonStop legacy application, are transferred to Java based dialogues via OmnivoBridge, in order to synchronize those dialogues. An important step to heavily reduce operations- and maintenance costs in such production control environments.

### deployment areas for OmnivoBridge

- monitoring in production control systems and other event driven applications

events within a legacy application are transmitted to Java dialogues via OmnivoBridge and therefore synchronized automatically

- context is delivered from ScreenCOBOL programs to Java dialogues
- context is also delivered from Java dialogues to ScreenCOBOL programs

context delivery can take place communicating synchronously as well as asynchronously:

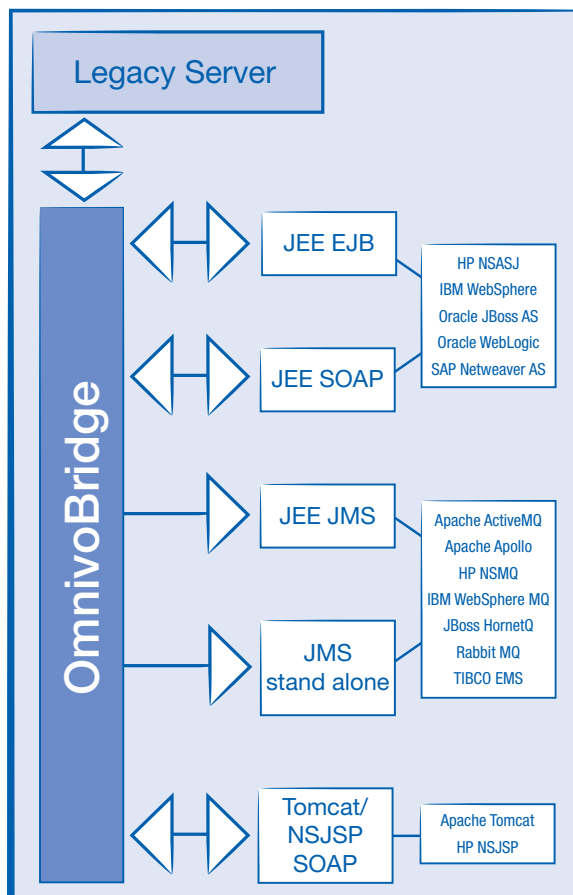
synchronously:

- EJB: invoking a method, provided by a Server Bean within an Application server
- SOAP: invoking a web service within Tomcat or within an Application server

asynchronously:

- JMS covered by JMS Queue or JMS Topic

JMS functionality can be used as an integral part of a JEE Application server or alternatively as a "stand alone" product, as for example ActiveMQ



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