

SAP NetWeaver - Exchange Infrastructure (BC-XI)

- implement cross-system business processes
- integrate different versions of SAP and non-SAP systems
- based on an open architecture (XML and Java)

SAP Exchange Infrastructure (XI) is part of the NetWeaver platform and enables companies to implement cross-system business processes. The purpose of SAP XI is to integrate different versions of SAP and non-SAP systems implemented on different platforms.

SAP XI is based on an open architecture. It uses open standards (in particular those from the XML and Java environments) and offers those services that are essential in a heterogeneous and complex system landscape:

- runtime environment for message exchange
- features for managing collaborative processes and message flow
- options for transforming message contents between the sender and receiver systems.

t2b Services

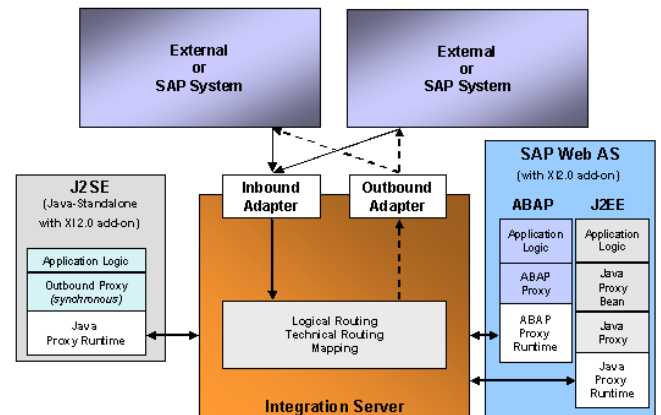
t2b provides vendor independent consulting and support in the area of integration. We help our customers with the design and build of IS architectures, information systems, integration backbones (based on EAI tools), and other middleware. Over the last 3 years t2b has become one of the big EAI powerhouses, providing consultancy on EAI concepts & tools. Our 7 engineers are also experts with various EAI products such as TIBCO, SeeBeyond, SAP XI, and IBM Websphere.

XI and mySAP.com

NetWeaver and SAP XI are the key elements of mySAP Technology and the new enterprise service architecture (ESA) that will define SAP's evolution over the next decade. Together with the portal infrastructure, it creates a platform that unifies people, information, and business processes across even the most heterogeneous IT environments. The idea is that once you add an exchange infrastructure to your existing IT landscape, you can combine the capabilities of virtually all your existing IT systems — be they SAP or not — in a seamless process flow.

Abandon existing Middleware investments?

SAP actively advises customers to embrace this new integration platform in an evolutionary, not revolutionary, way. If you're interested in implementing SAP XI, we suggest you start by using it in conjunction with a new, collaborative process, such as mySAP Supplier Relationship Management (SRM). Your stable and proven integration platform should not (yet?) be phased out.



SAP XI Architecture

The *Integration Server* is the central communications and 'distribution engine' that processes XML messages.

Adapters enable you to connect interfaces from external systems or from SAP systems with SAP Release 4.6 or earlier, to the Integration Server. SAP Exchange Infrastructure is also a new programming model for SW development. This model enables you to define platform-independent interface descriptions in the central Integration Repository. The descriptions then can be used to generate interface proxies for Java applications and for SAP systems. XML messages may then be exchanged with R/3 using the *Proxy Runtime* via the Integration Server.

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