Gentran Integration Suite™

Gentran Integration Suite and SAP NetWeaver

Version 4.3

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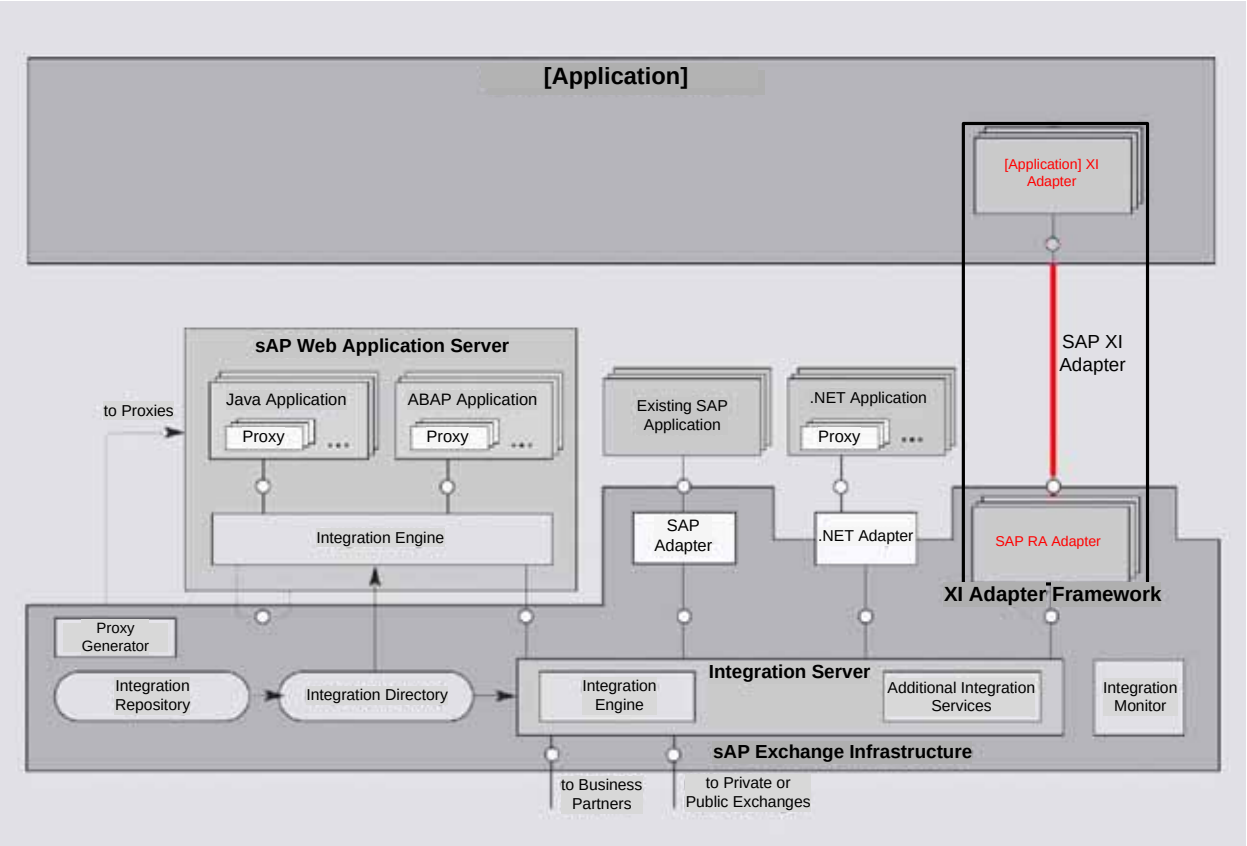
Application and SAP NetWeaver

Many Application customers need to communicate with systems using SAP® NetWeaver™. SAP NetWeaver offers a set of standard integration methods like HTTP, SOAP and Web Services, which can provide simple connectivity to and from SAP NetWeaver. However, typical Application MESA implementations require tighter integration that provides high-level features like logging, monitoring and configuration. Additionally, all benefits from Application have to be visible in the standard SAP NetWeaver Administration and Monitoring Tools. The SAP XI adapter provides these features.

Application communicates with SAP NetWeaver using the SAP XI adapter and the Application Resource Adapter (Application RA). The SAP XI adapter is set up in Application. The Application RA is supplied with Application and set up in the SAP XI™ (eXchange Infrastructure). SAP XI is the cross-application integration platform of SAP NetWeaver and is the central component where business applications like Application plug in integration services. This is shown in the following figure:



Using the SAP XI adapter to communicate between SAP NetWeaver and Application provides the following benefits:

- ✦ Full visibility of all business transactions between Application and SAP NetWeaver
- ✦ Meta Data support for exchanged documents
- ✦ Application SAP XI adapter configuration possible in SAP NetWeaver Administration

- Access to all Application competitive advantages from within SAP NetWeaver
- Leverages new connection methods and protocols recommended by SAP
- High reliability and stability
- Tight and flexible integration into Adapter Framework:
  Module Processors allow content-based preprocessing of documents before the documents are passed to the SAP XI Workflow Engine.
- Consistency with SAP strategy and future architecture