



“The adoption of XML and standard schemas is facilitating interchange of data. Without the interchange of process definitions, established business models restrain our trading relationships. Procession® XML Gateway enables the mobility of business processes between trading partners”



Procession® XML Gateway

Procession® XML Gateway provides an XML conduit to enable external applications to interact with the Procession® Process Engine.

By using XML, an industry standard, this component provides an open and standards based approach to process definition and runtime interaction.

Process design and process runtime

The Procession® XML Gateway enables open, standards based communication with both the design-time and run-time aspects of the Procession® Process Engine.

Distributed Process design

The design-time aspects of the XML Gateway enable the definition of end-to-end business processes over the web. The Procession® XML Gateway supports the collaboration and real-time deployment of business processes by automatically invoking version control and engine change management. This ensures that live business processes migrate to new definitions in a controlled manner with no business interruption.

Runtime integration

The run-time capabilities of the XML Gateway enable the integration of the Procession® Process Engine into a wider enterprise. This part of the gateway provides real-time XML data concerning the state of any process hosted within the Procession® Process Engine. In addition it allows a suitably authorised external component to initiate and interact with processes within the Procession® Process Engine.



Process Mobility

The sophistication of the XML Gateway enables processes hosted within one Procession® Process Engine to migrate, with the process definition and supporting data to other Procession® Process Engines.

Validation and Flexibility

Procession® XML Gateway performs full validation on inbound and outbound XML documents. It provides conflict resolution and reporting with the underlying Procession® Process Engine, to ensure that every process definition submitted via the XML Gateway is available for runtime deployment. The Procession® XML Gateway is structured to enable the user of the Gateway to minimise resource usage. The user of the gateway can request a subset or summary of the process repository to minimise download times.

Industry standards

The Procession® XML Gateway utilises the latest industry standards. It is a 100% Java, J2EE component that operates in all the leading application servers. As Business Process Mark-up Language (BPML) and Business Process Query Language (BPQL) are standardised by the World Wide Web Consortium (www.w3c.org) and the Business Process Management Initiative (www.bpmi.org), the Procession® XML Gateway will support exchange in these formats.

Other Clients

The Procession® Visio Process Designer builds on the capabilities of XML Gateway to use the design capabilities of Visio. The Procession® Transformation Engine interacts with the Procession® XML Gateway to integrate and transform XML data within the Procession® Process Engine.

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Requirements

Java JDK 1.3 or later
128Mb RAM minimum
20MB Hard Disk
Windows NT, Windows 2000, Solaris, Linux

Procession®
powering the e-process revolution

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