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Event-driven SOA and BPM – Fiorano SOA 2007 Platform

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In Bloor Research's Market Report on BPM in 2006, Fiorano Software was not one of the companies reviewed. Fiorano was founded in 1995 and were the first company to release a commercial Java product based on Sun Microsystems's Java Message Service in 1998. The Enterprise Sever Bus is the foundation on which Fiorano's reputation has been built.



Fiorano are a technology company who use their partner network to provide vertical domain knowledge and solutions. At the end of September 2007, I had the privilege of having a briefing from Bharath Sarma, Product Marketing Manger of Fiorano Software Technologies Pvt Ltd India and Sandeep Ramanand: Business Development Director of Fiorano Software Ltd. UK.

As I said in the opening paragraph, the building block for Fiorano is the ESB Platform. This is a web-services middleware infrastructure platform. It supports both loosely coupled (SOA) and decoupled (EDA) business components over a single technology base.

The next building block is Fiorano MQ. This is a peer-to-peer JMS messaging platform, with support for dynamic routing, distributed debugging of message flows, dynamic deployment of JMS client applications, unbounded scalability, direct invocation of standards-based JCA components and unparalleled ease-of-management with JMX standards.

OK—so what about this SOA platform? Fiorano SOA Platform is a middleware

platform that allows heterogeneous software services to be deployed across an enterprise service grid. The service-grid architecture of Fiorano SOA Platform provides a Service-Oriented platform for Enterprise Application Integration (EAI), Business Process Management (BPM) and Automation and Business to Business (B2B) integration. Distributed Services deployed across a grid of service containers can be assembled into composite applications to automate business processes. The suite includes a set of tools to visually design, configure, deploy, manage and optimise these business processes. Fiorano SOA 2007 platform runs on the following operating platforms: Sun Solaris, Microsoft Win 32, IBM AS 400, HP-UX, Linux and Apple Macintosh

Fiorano SOA 2007 consists of two server products and a number of client tools:

- **Enterprise Server:** provides a repository of security metadata, processes, and components in Fiorano SOA 2007. It also acts as the central server to deploy components onto Peer Servers and fetch/display component status from peer servers.
- **Peer Server:** is the runtime server in the Fiorano SOA Platform. It provides messaging and deployment infrastructure for the event processes. The Peer Server's messaging infrastructure is built on Fiorano MQ.
- **Fiorano Studio:** This tool provides a graphical interface to compose, deploy and monitor event processes. It is similar in nature and style to Microsoft's Visual Studio.
- **Services and Security Manager:** an administration tool to add users/groups and setup Access Control Lists.

- **Event Manager:** provides visibility into the runtime information of executing event processes on the peer servers.
- **Deployment Manager:** allows users to set deployment rules to govern the deployment of components across Development, QA, Staging, and Production environments.
- **Network Administrator:** provides access to the status of the Fiorano SOA Platform servers running on the network.

The key points about this environment are:

- Their customer base stretches across a variety of verticals from the usual suspects of Finance, Telecommunications and Government to Manufacturing, Retail and Leisure.
- All the components you need for SOA, Event processing and BPM are in place.
- Support for both peer-to-per operations and distributed services architecture.
- The Component Gallery is extensive, covering a large proportion of the needs of most developers, but it can also be added to.

The Fiorano SOA Platform is certainly an environment that organisations with a development strategy based on multiple languages and platforms should look at to support SOA, Event processing and BPM.

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