

KEY FEATURES

Distributed Services Architecture

- Coarse-Grained Service Model
- Distributed, Dynamic Deployment and Management
- Event-Driven Process Orchestration
- Lifecycle Management and Versioning
- XML Transformations

Peer-to-Peer Communications Backbone

- Unbounded Performance and Scalability
- Service-Level Failover and 24x7xForever Availability
- Comprehensive Security

Generic Services and Adapters

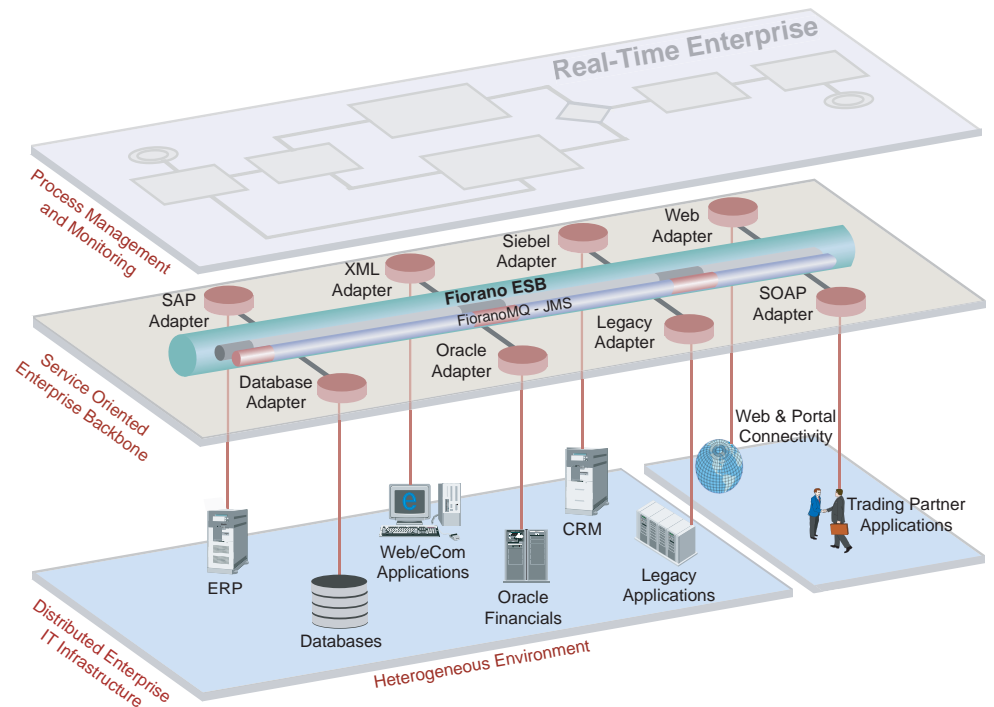
- Monitoring, Logging and Auditing
- Adapters and Pre-built Services

SUPPORTED STANDARDS

- JMS, JCA, JMX
- XML - XSLT, XPath, XQuery
- Web Services - WSDL, UDDI, SOAP
- Security - SSL, JAAS, JSSE
- BPM
- Others - J2EE, .NET, HTTP, JDBC

FIORANO SOA™ 2007 PLATFORM

Fiorano SOA 2007 is a platform for deploying service-oriented applications that allows companies to integrate applications and deploy business processes across the extended enterprise using a standards-based, componentized approach. With a highly distributed, yet centrally managed architecture, Fiorano SOA 2007 enables companies to draw on existing business logic residing anywhere within the enterprise to rapidly assemble efficient solutions for business problems. The platform's event-driven architecture allows improved responsiveness to changing business conditions, leading to unmatched flexibility and increased productivity. The proven market leader, Fiorano SOA 2007 has been deployed in large-scale, secure, mission-critical environments, enabling effective reuse and allowing projects to be incrementally scaled and extended across the enterprise.



The Fiorano ESB serves as the foundation of the Fiorano SOA 2007 Platform which adds the Fiorano Process Orchestration Tools and Fiorano Components & Adapters to form a comprehensive platform for enterprises to achieve the quickest path to a Service Oriented Architecture (SOA).

The proven leader in large-scale, mission-critical deployments, the Fiorano platform was architected with reliability and flexibility in mind, allowing a logical application design to be mapped directly to the physical implementation, making the development process more intuitive and easier than that of conventional integration suites. Key features and benefits include:

DISTRIBUTED SERVICES ARCHITECTURE

Coarse-Grained Service Model

Fiorano SOA 2007 uniquely defines a coarse-grained service model in which a larger, event-driven Enterprise Service has an internal structure composed of JCA containers running in independent threads. The service-model simplifies the componentization of business-logic, automatically enhancing reuse and optimizing performance.

Distributed, Dynamic Deployment and Management

Enables service deployment across the distributed infrastructure from any centralized location, allowing each individual service to be independently configured, managed, updated and redeployed without disrupting other services.

Event-Driven Process Orchestration

By automatically configuring the underlying middleware, allows the logical process design to be mapped directly to physical services distributed across the ESB, empowering non-technical business-users to compose, deploy and modify event-driven business processes.

Lifecycle Management and Versioning

Enables controlled deployment of business services across network endpoints, together with automatic transitions across the software lifecycle (development, QA, staging and production).

XML Transformations

Supports sophisticated XSLT transformations with pluggable external transformation engines. Enables assertion-based verification of processes via XSD/DTD port matching.

PEER-TO-PEER COMMUNICATIONS BACKBONE

Unbounded Performance and Scalability

Peer-to-peer messaging obviates the need for events to traverse a central hub, enabling concurrent event-flows between distributed services, obviating any single points of failure within the infrastructure.

Service-Level Failover and 24x7xForever Availability

Enables failover instances of services to be dynamically deployed on remote ESB nodes based on multiple triggers, creating self-healing application networks with continuous availability under all operating environments.

Comprehensive Security

Provides a flexible framework for authentication, authorization and encryption, with support for J2EE, LDAP and other security standards, adapting to a wide range of federated enterprise security policies.

GENERIC SERVICES AND ADAPTERS

Monitoring, Logging and Auditing

Supports asynchronous event-based notification of critical errors in event-driven business processes, with dynamic tracing, logging, auditing and monitoring of messages, documents and services.

Adapters and Pre-built Services

Ships with a rich set of pre-built enterprise services including adapters to all popular relational databases, files, Messaging Middleware (MQSeries, JMS, MSMQ, others), Web Services, EJB, FTP, SMTP and more.

ADVANTAGES OF A STANDARDS-BASED SOLUTION

The Fiorano SOA 2007 platform implements standards for communication, connectivity, transformation and security, enabling application interoperability and allowing skills and software-assets to be easily transferred between integration projects. Fiorano supports and drives industry standards for integration, including Java, Web Services and XML.

Mitigating Proprietary Dependencies: Proprietary integration solutions 'lock-in' customers by forcing them to code to non-standard APIs, inhibiting flexibility, preventing reuse and ultimately proving to be extremely expensive. Fiorano's standards-based, service-oriented approach, however, smoothes the operational path of the processes running a business, reducing the time, effort and cost of integrating applications.

Easy Interoperability: Support for Web Services and other standards within Fiorano SOA 2007 enables seamless interoperability of disparate applications distributed across heterogeneous platforms; applications can now exchange data with ease, without the need for expensive custom transformations, extra coding or language translation capabilities.

Reuse of Software Assets: The adoption of a standards-based, Service Oriented Architecture (SOA) allows existing legacy and packaged applications within an organization to be used as building blocks, enabling their reuse within enterprise business processes, driving down development and management costs. With a quicker learning curve, standards further enable development skills and resources to be effectively reused across projects.

Seamless Connectivity: The emergence of connectivity standards including Web-Services, JMS, J2EE-JCA and .NET allow Fiorano SOA 2007 to seamlessly integrate multiple enterprise assets including application servers, messaging middleware, legacy systems and mainframe applications, without requiring custom coding or application rewrites; standards shield users from version and API changes, ensuring that existing processes are not disrupted by new releases.

FIORANO SOA™ 2007 - BUSINESS BENEFITS

Fiorano SOA 2007 offers a number of benefits over existing solutions for integration and real-time enablement, including faster implementation and deployment cycles, a flexible platform for future expansion offering a high degree of reuse, easy extensibility, seamless interoperability and an improved ROI. Key advantages include:

Dynamic Responsiveness

Deployed as service-oriented processes, solutions on the Fiorano SOA 2007 platform improve responsiveness to changing business requirements, minimizing impact on existing business applications and often eliminating the need for new packaged applications. Fiorano's unique model for coarse-grained services provides the ability to rapidly specify controlled changes to operations based on business objectives, and to implement these changes directly, quickly and more efficiently for business agility and integrity.

Reusability

Fiorano SOA 2007 is built on top of standards, enabling efficient reuse of existing enterprise applications and infrastructure and lowering capital requirements for new projects. Fiorano SOA 2007 tools simplify the componentization of existing software assets, enhancing their reuse within enterprise business processes, driving down development and management costs.

Accelerated Time to Market

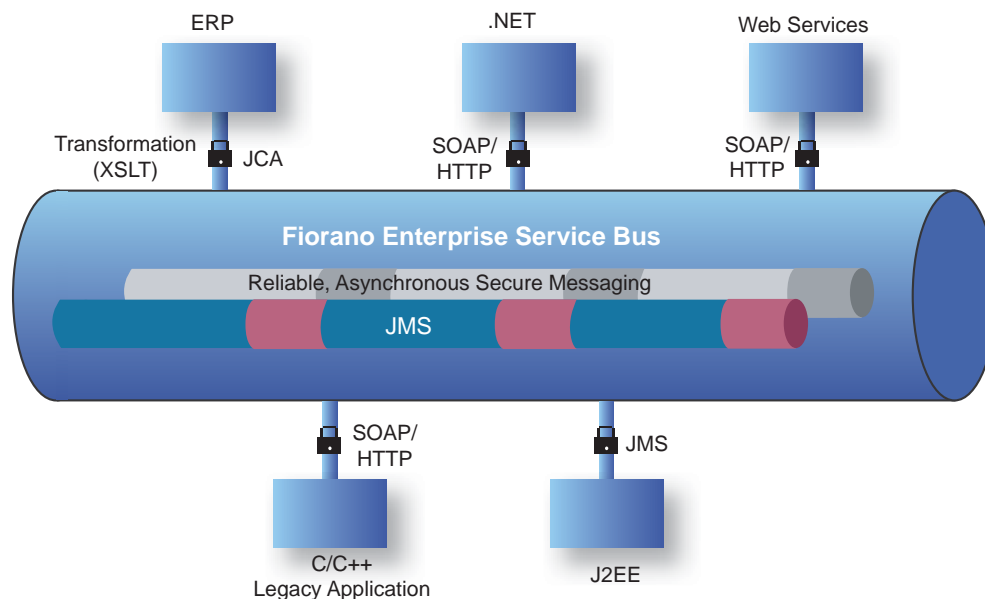
Fiorano SOA 2007 enables the creation of interactive, end-user service-oriented processes without programming, by orchestrating existing services with visual tools, leading to the automation of common development tasks and accelerated time-to-market.

Reduced Training Costs

Fiorano SOA 2007 improves the productivity of organizations by including a variety of pre-built services necessary for the creation of service-oriented processes, together with tools to componentize existing enterprise software assets. Comprehensive support for industry Standards ensures a fast learning curve, allowing developers and even enterprise managers to quickly become proficient at synthesizing custom solutions to problems in the form of service-oriented processes.

Lower Total Cost of Ownership

Fiorano's dynamic versioning, deployment, and change-management capabilities, reduce development and maintenance costs by an order of magnitude in comparison to incumbent solutions. Further, the platform's architectural-level innovations enable linear, build-as-you-grow scalability.



The Enterprise Service Bus – Enabling Standards-Based Integration

An ESB is a foundation for an enterprise-wide SOA, allowing enterprises to integrate applications and processes as standards-based, event-driven services over a highly distributed, centrally managed infrastructure. With no single point of failure, ESBs are inherently reliable and linearly scalable and have no performance bottlenecks. ESB Services – including application/business logic as well as fundamental transformation, routing, connectivity and distribution services – may be deployed and managed from any physical location across the enterprise network. Built entirely on industry standards including XML and Web Services, ESBs enable the next wave of comprehensive and affordable integration solutions, unifying applications and infrastructure within an enterprise and delivering the value IT departments are looking for via reuse, flexibility and faster time to market.

GLOBAL LEADERS CHOOSE FIORANO

Fiorano helps organizations worldwide to improve operational efficiencies and business performance by sharing information dynamically across global operations. Our commitment to developing standards-based solutions that deliver immediate ROI with proven interoperability and industry-leading reliability helps ensure our customers' sustained success in worldwide markets.

Fiorano understands the development, infrastructure and performance challenges facing IT departments in today's hyper-competitive markets. Over 400 enterprises worldwide have deployed Fiorano solutions, allowing them to:

- > Extract business value from existing business and legacy applications spanning multiple, cross organizational boundaries
- > Deploy in a cost effective, incremental fashion, without disrupting existing operations or major up-front investments
- > Meet dynamic surges in demand, deliver undisrupted services and increase customer satisfaction without having to provision new hardware systems
- > Lower the cost of ownership and maintenance of IT systems via enhanced reuse of software assets and standards-based implementations
- > Reduce training costs and reliance on outside consultants, allowing in-house developers to deploy and manage complex integrations
- > Enhance productivity by allowing business-analysts to compose business processes with little or no programmer intervention

Manufacturing

Leading manufacturers have selected Fiorano solutions over competing solutions for real-time process control across multiple platforms and applications over heterogeneous protocols.

Retail

Some of the largest retailers in the world use Fiorano solutions to deliver real-time pricing information to stores worldwide.

Telecommunications

Leading telecommunications companies use Fiorano Software to deliver millions of messages daily across complex, distributed workflows, in mission-critical 24x7 environments.

Financial Services

Leading financial institutions have selected Fiorano solutions to deploy the next wave of flexible and adaptable risk management and STP solutions.

Government

City and State Governments have deployed the Fiorano ESB to significantly improve citizen services while simultaneously increasing revenues.

About Fiorano Software Inc.

Based in Silicon Valley, California, USA, Fiorano Software is a leading provider of Enterprise class Integration Middleware and is a trusted name in messaging infrastructure technology. Fiorano's network-centric solutions set a new paradigm in ROI, performance, interoperability and scalability. Global leaders including Fortune 500 companies such as Alcatel, American Express, AT&T Wireless, Boeing, British Petroleum, Ericsson, FedEx, Lockheed Martin, Motorola, POSCO and Schlumberger have successfully implemented Fiorano technology to design and deploy their Enterprise Nervous Systems.

To find out more about how Fiorano can help you meet your enterprise integration objectives, visit www.fiorano.com or e-mail sales@fiorano.com.

Packaging

- Fiorano ESB™ Server
- FioranoMQ™ Server
- Fiorano SOA™ Platform
- Fiorano Process Orchestration Tools
- Fiorano Components
- Fiorano Adapters

Platforms

- Sun Solaris
- Microsoft Win 32
- IBM AS 400
- HP-UX
- Linux
- Apple Macintosh

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