neuron ESB

Simplifying Integration & Accelerating SOA Adoption

Business leaders are always trying to maximize their existing investments while delivering new solutions that are flexible and ready for change. Meanwhile, IT leaders are focused on centralizing management and security, streamlining operations, and finding ways to do more with less. Neuron-ESB is the answer to all their needs.

Built on the Microsoft platform, Neuron-ESB simplifies the integration of disparate business applications, accelerates the adoption of Service Oriented Architecture, and increases overall developer productivity. Projects that once took 18 months to develop and deploy can now be delivered in a matter of weeks using Neuron-ESB.

Neuron-ESB provides value to enterprises through real-time, seamless interoperability across organizations, enabling them to respond to events and make more informed and timely decisions. And Neuron-ESB grows with your integration needs by focusing on business value first, allowing you to think big, start small, and get results today.

Connect and Empower Your Organization

Neuron-ESB is the technology that can move your organization into becoming a more connected, event-driven business. By arming your people with Neuron-ESB, you enable them to drive business performance, reduce costs, and better serve and develop your customers.
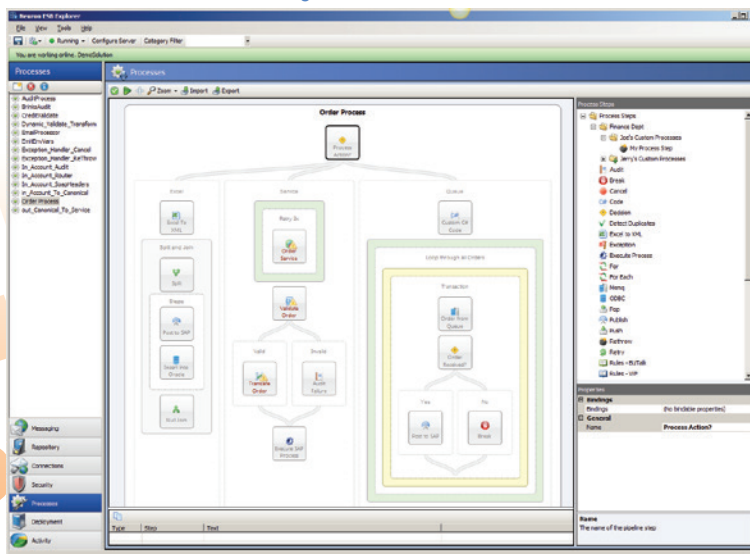
Neuron-ESB is the quick, effective integration and SOA solution that grows with your organizational needs to help you overcome future business and IT challenges.

> "Neuron-ESB's focus on agility allows it to fit nicely into our development environment, giving us the ability to release feature rich enhancements to HD entertainment quickly and easily."
>
> *- Alan Wintroub*
> *Director Enterprise Application Services, Associated Press*

Real-time Business Process Designer

Business Benefits

- Accelerates time to market
- Increases developer productivity
- Simplifies solution development
- Reuse of business capability
- Enhances business visibility & reporting
- Minimizes custom development

Top 5 Reasons to Choose Neuron-ESB

- Reduces costs by up to 70%
- Delivers information in real time
- Requires minimal training & skills
- Decreases manual & duplicate data entry
- Provides for rapid, scalable integration

neuron ESB

Simplifying Integration & Accelerating SOA Adoption

Key Features of Neuron-ESB

Configurable & Easy-to-Use

Neuron-ESB's user-configurable events allow integration to occur when information changes. An easy-to-use toolset and intuitive topic-based publish and subscribe messaging system drives events to and from other systems based on user-defined criteria. Neuron-ESB's high-speed messaging capability and real-time integration provide greater visibility and enhance workforce productivity.

Integration through Codeless Connections

Neuron-ESB enables more agile and effective integration across enterprise systems, business processes, and trading partners. Your systems will no longer need hard-coded dependencies, relying instead on configurable service interaction. Neuron-ESB offers codeless connections to ODBC, SQL, MOSS, CRM, BizTalk, FTP., Websphere MQSeries, ActiveMQ and more, so project deployment becomes faster and easier. When new systems are added or changes are made, there is no longer a need to disrupt services and reprogram.
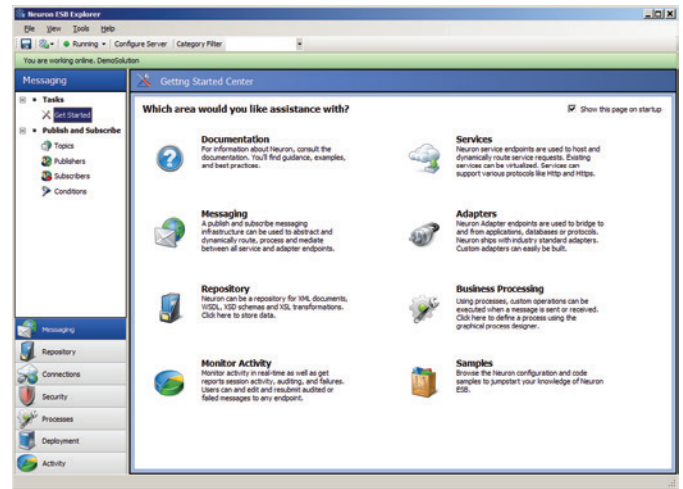
Simplified Service Interaction & Mediation

Neuron-ESB allows organizations to manage, extend, and integrate all service endpoints in a single place, significantly reducing complexity and risk. In seconds, existing services and applications can be combined within Neuron-ESB or transformed into entirely new services. Neuron-ESB unleashes the true power of SOA by maximizing and reusing existing capabilities to power the business. Reduced training and infrastructure requirements mean a reduction in the cost of hardware, software licensing and support. Neuron-ESB eliminates complexity by adding uniform security, policy, reporting, and management options to existing services. By centralizing service management with service virtualization and hosting, organizations can adopt new applications rapidly and seamlessly integrate them into existing systems.

Real-time Business Process Designer

The real-time business process designer enables businesses to quickly develop message-processing steps without the introduction of complex workflow tools, technologies and specialized skills, significantly extending the threshold of productivity for developers. Businesses can quickly develop rules and decisions that execute against their information in real time, providing avenues of visibility that did not exist before. Neuron-ESB provides a unique level of configuration change management that allows users to change their processing steps dynamically, without expensive and time-consuming recompilation and deployment efforts. This feature allows businesses to react quickly to changing environments.

Neuron-ESB Explorer

FEATURE SUMMARY

- Topic-based publish and subscribe
  · Durable and in memory messaging
- High speed messaging
- Service broker and gateway
  · WS-*/REST/JSON support
- Real-time business process designer
- Integration broker
- Codeless connections to:
  · SQL
  · ODBC
  · Azure Service Bus
  · POP/Microsoft Exchange/SMTP
  · SFTP/FTP/FTPS
  · Microsoft SharePoint
  · Microsoft Dynamics CRM
  · Microsoft Dynamics Great Plains
  · Microsoft BizTalk Server
  · IBM Websphere MQSeries
  · ActiveMQ
  · RabbitMQ
  · MSMQ
  · and more...
- Light weight API for rapid development
- XCopy deployment
- Management/monitoring/performance counters
- Message tracking/edit resubmit