

Micro Focus SOA Express

Complete Business Modernization

Delivering new business initiatives from mainframe systems has been a quest of many enterprise organizations for years. Many existing solutions are geared toward technical architecture and ironically, end up creating more complexity.

Solutions such as message bus systems, extract and transform (ETL) based migrations, and re-writing to new technologies have, at the end of the day, left business units stranded.

Micro Focus SOA Express is an elegantly simple solution that bridges the gap between existing business transactions and new business initiatives.

Micro Focus SOA Express is a platform solution that makes the mainframe relevant to initiatives like self service kiosks, portals, Web 2.0, and customer service solutions.

Overview

- Brings support for Web 2.0 technologies to core applications
- Web-enables and integrates host systems to work better with customers, partners and suppliers
- Improves existing user interaction and reduces training time by creating new composite Web-based applications
- Reduces the cost and risk of developing new applications and services by reusing existing business data and logic
- Generates Web services automatically from mainframe screens and business logic
- Integrates with LDAP, JDBC and WS-encryption
- Works with existing application server platforms: IBM WebSphere, BEA WebLogic, Sun Application Server and JBoss
- Broad mainframe interface support: 3270 workflow, CICS COMMAREA, CICS BMS, IMS, DB2, VSAM, IMS DB
- Visual "no coding" design environment
- Offers optional application adapters to connect with enterprise applications.

Real World Business Benefits of Micro Focus SOA Express

- Addresses new markets and customers through the use of Web 2.0 or via mobile devices
- Improves time-to-market to the line of business
- Complies with regulatory requirements such as Sarbanes-Oxley, HIPAA and BASEL II
- Provides an agile, business-friendly IT service at reduced cost
- Aligns IT to the business and maximizes ROI from IT expenditure
- Integrates with other key systems regardless of platform or technology base
- Strategically enables IT assets for use in B2B transactions
- Allows reorganization and consolidation systems following a merger or acquisition
- Speeds the learning curve for non-mainframe developers such as Web developers.

Key Features of Micro Focus SOA Express

Enabling rapid business modernization

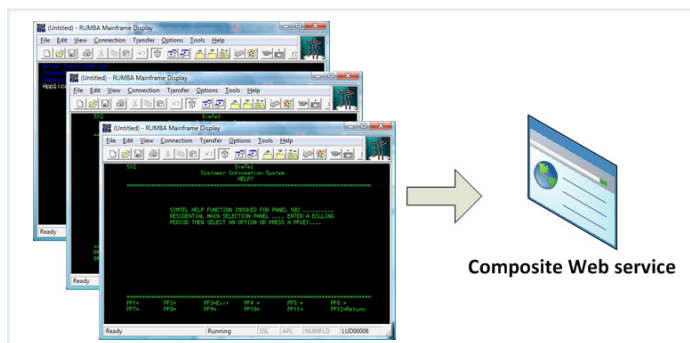
Evolving the mainframe for new users or channels may often require key functionality to be presented through a more modern interface or rendered through a browser based environment. Micro Focus SOA Express automatically builds Microsoft based or Java based front ends and interfaces.

Reducing costs and risks

Several decades of investment reside in mainframe systems. These systems deliver not only the core functional areas of the business but also the competitive advantage of many organizations. By addressing new requirements through the extension of existing systems, all of the distinctive competence and intellectual property is retained. Efforts can be focused on new initiatives, optimizing the time-to-market while controlling costs and reducing risks.

Creation of composite services

The existing structure of a critical enterprise application may not match the business functionality needed for a new business initiative. Micro Focus SOA Express encapsulates host transactions in a way that can be combined and composed to create a new composite service that meets the needs of the business. Micro Focus SOA Express uses unmatched analysis capabilities to examine the structure of an application as well as screen layouts. This analysis, combined with the Workflow Capture facility enables users to visually understand, create, and deploy new business services.



Creation of composite services from multiple transactions

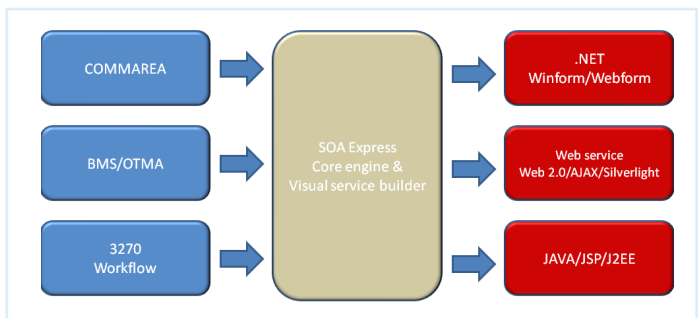
Broad mainframe interface support

Micro Focus SOA Express supports a variety of interfaces into mainframe applications to deliver the most appropriate extension for each application without the need to change the underlying code.

Supported interfaces include:

- 3270 Workflow
- CICS COMMAREA
- CICS BMS Screens
- IMS via OTMA Screens
- Mainframe Data directly (DB2, VSAM, IMS DB)

CICS and IMS applications can continue to perform their original function unchanged, while the interface into those applications is mapped, narrowed, tailored and utilized to extend the application usage.



Build industry-standard Web services

Once an interface has been enabled, Micro Focus SOA Express generates industry standard Web services including the appropriate support files for deployment into the application server environment of choice. Existing business processes can be delivered without change to the mainframe applications. The deployed Web services are then consumed by Web developers and business units without any knowledge or understanding of the back end mainframe infrastructure and technology.

Automatically generate .NET or J2EE components

Micro Focus SOA Express enables mainframe transaction for use in .NET or J2EE components. Any required supporting components are automatically generated, allowing the consumption of these components without any specialist middleware expertise.

IDE of choice

Using Micro Focus SOA Express, there is no need for developers or business units to learn another tool to use enabled services. Micro Focus SOA Express automatically generates .NET or Java client interfaces. The generated interfaces can be edited and extended using the IDE of choice such as .NET Visual Studio designer or Eclipse. This flexibility ensures that all business units, both highly technical and non-technical, can take advantage of previously locked up mainframe transactions.

Application Server of choice

SOA Express provides automatic service deployment to the application server of choice including:

- Oracle (BEA) WebLogic Server (Windows)
- IBM WebSphere Application Server (Linux, zLinux IFL, UNIX, Windows or z/OS)
- Microsoft IIS (Windows .NET)
- Oracle Application Server (Linux, Linux for System z, UNIX, Windows or z/OS)

Customizable XML Mapper

Once the data residing on the mainframe is unlocked with Micro Focus SOA Express, it can be presented in various ways and in various formats using the built in XML mapper. Vertically standardized and pre-formatted XML Schemas and Document Type Definitions (DTDs) can be imported to allow for further transformation of the data.

Direct SOA Deployment with CICS Web Services

As an alternative to deployment through J2EE or .NET, Micro Focus SOA Express allows Web services to be deployed directly into IBM CICS TS 3.1 on the mainframe. This provides a streamlined, 2-tier deployment model that enables simplified SOA rollout as CICS Web services, leveraging existing infrastructure.

About Micro Focus

Micro Focus, a member of the FTSE 250, provides innovative software that allows companies to dramatically improve the business value of their enterprise applications. Micro Focus Enterprise Application Modernization and Management software enables customers' business applications to respond rapidly to market changes and embrace modern architectures with reduced cost and risk.

For additional information please visit www.microfocus.com

www.microfocus.com

Micro Focus Worldwide

Australia.....	+61 800 632 626
Austria	+43 800 293
Belgium	+32 3 218 21 26
Canada	+1 877-772-4450 x1123
Denmark	+ 45 36944754
France	+33 800 835 135
Germany.....	+49 800 182 5443
Hong Kong	+852 2168 0600
India	+91 11 4060 1560
Italy	+39 800 784 420
Japan	+81 3 5793 8550
Mexico	+52 55 9171 1000
Netherlands	+31 (0)23-5540 640
Norway	+47 21 601 605
Portugal	+351 21 723 0600
Singapore	+65 6622 5466
Spain	+34 915 726 699
Switzerland	0800 564 247
Sweden	+46 8 505 165 40
United Kingdom.....	+44 800 328 4967
United States	+1 877 772 4450
Other Countries	+44 1635 32646

For contacts worldwide:
www.microfocus.com/contact

© 2009 Micro Focus. All Rights Reserved.
 Micro Focus is a registered trademark.
 Other trademarks are the property of their respective owners.

DSSOAE0509-US