



Solution Overview

Metastorm Enterprise™ for Service-Oriented Architecture

The challenge of Service-Oriented Architecture (SOA)—and a key to achieving business value—is elevating service enablement beyond technology functions.

How is this accomplished? SOA relies on the work of Enterprise Architecture (EA), Business Process Analysis (BPA), and Business Process Management (BPM) to define, analyze, and execute resources where SOA has the best effect. When these three disciplines combine, SOA can encompass disparate applications and platforms, orchestrating and controlling them in the context of business processes. The result is an agile enterprise in which business models drive executable business processes powered by a portfolio of services.

To answer the demand for collaborative and business-driven SOA, Metastorm Enterprise™ provides a set of interrelated offerings that enable visibility across the enterprise – thus helping you to build systems that reflect business processes, adapt as processes change, and improve productivity and process consistency.

Metastorm ProVision®: Bringing SOA to Business Users

Enterprise-wide visual modeling, performed with Metastorm ProVision, enables you to improve your performance and competitiveness. Four significant capabilities within Metastorm ProVision allow for this superior SOA support:

- Preservation of the business analyst's viewpoint, retaining business terms and not requiring business users to understand the technical aspects of SOA.
- Methods for the technical user to configure execution-ready business activities so they directly translate into services.
- Auto-completion feature within a service-intelligent user interface.
- Delivery of real-time verification of execution-ready status.

As a result, Metastorm ProVision dramatically reduces the amount of time and interaction required to transform business processes into executable functions. Business engineers can take the execution-ready activities and,

Highlights

Benefits

- Understand your business intent by modeling strategic goals
- Identify the processes that support your goals
- Understand the business function and information requirements of your processes

- Align your SOA work plan with process requirements
- Create and understand the links between goals, people, and processes
- Use model-driven BPM applications in a way that takes advantage of SOA agility
- Reduce the cost of building and managing a flexible Enterprise Service Bus

Customer Success

- Charming Shoppes
- El Paso County
- Keane

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at the push a button, produce a BPEL-equivalent of the model that will reference the services that implement the process. This provides a preliminary design of the structure and services, allowing the designer to work through technical issues such as security, compensation of failures, and logging.

SOA Modeling

Modeling is vital to SOA because SOA involves abstraction — the removal of non-essential information to achieve a succinct, easy to manage model of reality. SOA, following the lead of MDA (Model Driven Architecture), uses models to enhance understanding and to effect direct change. Metastorm ProVision enables you to perform the three types of modeling that are needed in SOA:

- *Strategic Modeling* – To produce change, an enterprise must formally understand how it works today and how it should work tomorrow. In the early stages of an SOA program, strategic modeling clarifies the mission, goals, inhibitors, opportunities, etc. and profiles the enterprise in terms of its capabilities. This form of modeling is used to analyze the enterprise at a high level and target specific areas where resources should be applied over time.
- *Business Modeling* – Business modeling defines how processes, data, rules, services, organizations, resources, etc. interact to affect business operations and maps them to the strategic artifacts they support. Under SOA, the definition of the business process essentially *becomes* the business process. This is accomplished by defining reusable business activities implemented by services
- *Technical Modeling* – Technical modeling is two-fold—logical and physical. Logical modeling defines the technical artifacts (e.g. systems, components, databases, networks) comprising the enterprise technical infrastructure and maps them to the business artifacts they realize. It defines technical intent without binding to the characteristics of any particular technology.

Metastorm ProVision provides the foundation for SOA efforts with an integrated repository and unsurpassed modeling capabilities that enable you to capture all aspects of your architecture. This complete enterprise visibility enables critical business and IT alignment.

Metastorm BPM®: Powerful Business Process Management for Your SOA Environment

After modeling and staging the strategic, business, and technical aspects of an SOA program with Metastorm ProVision, you can execute that program with Metastorm BPM. By positioning BPM as a core component of your SOA strategy, you can realize more business value from service enablement. This is because BPM helps optimize the use of the SOA across core business processes that most directly impact executives' top performance objectives such as:

- Increased productivity
- Enhanced customer service
- Greater competitive advantage
- Stronger financial performance

A key differentiator of the Metastorm BPM platform in this regard is its ability to manage both human-centric and system-centric processes. The human-centric capabilities of Metastorm BPM enable the deployment of services to business users in the form of cohesive, orchestrated business processes synchronized across the enterprise.

Metastorm BPM empowers SOA programs by organizing complex business function requirements, closing critical process gaps, and provisioning a wide variety of processes.

MIM: Advanced Service Integration and Legacy Control

A significant consideration in SOA is integration and legacy control. Metastorm Integration Manager (MIM) provides a platform for designing, executing, monitoring, and auditing system-based processes. When it comes to SOA, customers can leverage MIM to create services that tie together legacy applications across all major distributed and mainframe operating systems with new solution development for seamless process execution across a variety of platforms and channels.

MIM's portfolio of capabilities can transform items like files, databases and legacy applications into XML-based, message-driven services. Disparate services can then be orchestrated into coarser grain, higher value business services. These choreographed business services can be utilized by the organization and driven in any number of ways, including higher-level, human-centric business processes. By exposing legacy assets as services and managing the execution of those services in key business processes, MIM offers a service-oriented approach to providing business process integration within the context of the Metastorm BPM suite.

MIM also provides three key benefits to the Enterprise Service Bus (ESB) technology component of an SOA:

- *Managed File Transfer*– MIM's service-oriented, process-centric managed file transfer capabilities enable data to be moved across the ESB. This establishes a portfolio of batch and real-time data integration services for the organization.
- *Auditing Subsystem* – A complete auditing facility for tracking, tracing and logging is provided within MIM. This powerful tool assists organizations in demonstrating they have developed the business controls required for compliance with regulatory obligations, such as Sarbanes-Oxley.
- *Exception Handling*– MIM's seamless integration with Metastorm BPM provides a comprehensive, human-centric business process management platform for all forms of exception handling.

The Value of Metastorm

SOA has great potential to help you implement programs more quickly and cost-effectively in today's demanding business environment. Metastorm helps you achieve SOA results that significantly benefit your enterprise:

- *Agility* – Rapid adaptation to changing market conditions and internal initiatives
- *Reuse* – Using past work in different contexts and not reinventing the wheel
- *Uniformity* – Broad-based ability to share regardless of technology or location

As a leader in EA, BPA and BPM innovation, Metastorm helps you realize significant business value from SOA.

For more information on how Metastorm solutions can help you, contact us at 1 877-321-META or sales@metastorm.com.

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