

SAP NetWeaver



SAP NetWeaver™

THE BEST-RUN BUSINESSES RUN SAP



Why SAP NetWeaver™?

The SAP NetWeaver™ platform is an enabler of change. This open integration and application platform allows IT to be an agent of transformation as it aligns IT with your enterprise's business objectives.

With SAP NetWeaver, you can deploy a services-oriented architecture and obtain more business value from existing IT investments. SAP NetWeaver reduces total cost of ownership (TCO) and complexity across your entire IT landscape.

SAP NetWeaver is the best way to integrate your SAP® and non-SAP solutions. Because SAP NetWeaver supports both present and future SAP and non-SAP solutions, the platform is the center of a growing ecosystem of applications and services. Your current applications will become even more valuable over time as you take full advantage of new products and enhancements as they become available.

With SAP NetWeaver you know where you are going and how to get there. SAP NetWeaver is the foundation for Enterprise Services Architecture, the SAP blueprint for services-based, enterprise-scale business solutions that offer the increased levels of adaptability, flexibility, and openness required to reduce TCO.

SAP NetWeaver is an evolving and growing platform, powering your business applications now and in the future.

GROWTH THROUGH INNOVATION WITH SAP NetWeaver



In an improving economy, your company is shifting its primary focus from cost cutting to accelerated growth and improving market share. Innovation is the catalyst that makes this possible – in particular, innovation that centers on your relationships with customers and suppliers, the development of products and services, and operational excellence.

But there are a number of hurdles to overcome before you can take full advantage of the economic upturn. For example, because most IT landscapes have not been built for change and innovation, it is difficult to keep IT aligned with business over time. Your IT landscape is a mixture of largely nonintegrated legacy systems that are inflexible and lack visibility.

And almost 80% of your IT budget may be spent on maintaining the existing infrastructure, leaving little for innovation.

You know that quick fixes will only increase your costs and risk in the long run. And outsourcing the entire infrastructure has its own share of problems.

The answer is SAP NetWeaver, the platform that addresses your need for rapid change and business process evolution. With your applications and infrastructure powered by SAP NetWeaver, you can implement creative, flexible business strategies while containing cost. With SAP NetWeaver, you have the capability to initiate innovation and enable change – faster than the competition.

SAP NetWeaver: ENABLING CHANGE

With SAP NetWeaver, your IT organization can become a catalyst for change. The platform gives you the flexibility, visibility, and control to effectively execute, monitor, and refine corporate strategies.

Here is how SAP NetWeaver helps you meet some of your company's most pressing business problems:

INJECTING FLEXIBILITY INTO BUSINESS PROCESSES

In today's business climate, you cannot afford to be locked into a single, rigid strategy. SAP NetWeaver allows you to flexibly and quickly change business processes and strategies. Since it allows you to capture end-to-end business processes and, at the same time, decouple those processes from underlying IT systems, you can dynamically add, remove, or change steps in a business process. Once you have the infrastructure in place, you can easily extend the reach of those processes to new communities inside and outside your organization while leveraging existing investments. Since SAP NetWeaver takes a holistic approach to integration, it allows you to drive new business strategies ranging from the outsourcing of nonstrategic assets to the integrating or consolidating of IT following a merger or acquisition. For example, when outsourcing certain functions, you can shift the execution of specific activities in and out of the company, while retaining control of the overall business process.

ALIGNING IT AND BUSINESS: ENTERPRISE SERVICES ARCHITECTURE

One of the major benefits of powering enterprise applications with SAP NetWeaver is the ability to align your IT practices with your company's business requirements. You can draw on decades of SAP enterprise experience and the extensive road map provided by the new Enterprise Services Architecture.

Based on SAP NetWeaver, Enterprise Services Architecture is your blueprint for services-oriented, enterprise-scale business solutions that offer the increased levels of adaptability, flexibility, and openness that enable change in your organization.

SAP NetWeaver provides a platform that allows you to create a flexible architecture at your own pace, addressing, one at a time, those business pain points that are most critical to your organization.

INNOVATION AT A SUSTAINABLE COST STRUCTURE

SAP NetWeaver reduces TCO across your IT landscape, freeing your resources so you can refocus on growth. Its components are integrated in a single platform and come preconfigured with applications, thus eliminating the need for many integration projects, reducing complexity, and speeding up implementation. The platform supports IT standardization

and consolidation, so you can leverage all your existing IT investments, including both SAP and non-SAP systems. With SAP NetWeaver you get a product, not a project, thus lowering the cost of change while increasing IT flexibility.

POWERING ALL SOLUTIONS

From this point forward, all SAP and select SAP partner solutions will be powered by SAP NetWeaver. SAP is evolving its solutions into service-oriented business applications based on SAP NetWeaver, allowing SAP applications to integrate with non-SAP applications. And, for the first time, SAP is offering its platform for third-party development. Many independent software vendors are already building their applications on SAP NetWeaver.

When you see the *Powered by SAP NetWeaver* endorsement logo you know you are getting a solution that delivers very specific business advantages. For example:

- **Collaboration** supported along the entire process chain allows everyone involved to exchange and share information, time-compressed processes that result, and better products and services.
- **Flexibility** increases the ability to change business processes captured in applications while containing cost.



- **Visibility** makes reporting, analytics, and unstructured information residing in disparate information systems readily available to all stakeholders involved in a business application process – when they need it and where they need it.

Because they are powered by SAP NetWeaver, you can integrate SAP and SAP partner solutions into your design and development efforts early in the process. With SAP NetWeaver at their core, these new applications will then be able to seamlessly integrate with your current and future SAP and non-SAP software.

THE FIRST TRULY INTEGRATED PLATFORM

The 2004 release of SAP NetWeaver is the first platform that integrates mobile, portal, collaboration, knowledge management, business intelligence, master data management, integration broker, business process management, and application server technologies into one product. For the first time, these components are synchronized into one release, delivered as one package, with one installation process, one price. This provides you with one product that covers all you need for building and integrating applications.

Providing Road Maps for Key IT Practices

SAP NetWeaver also helps align IT with business requirements by addressing a broad range of IT practices – such as the harmonization of master data or advanced analytics and reporting. SAP NetWeaver drives both immediate results and long-term benefits. The long-term approach employs incremental adoption steps, realized through small, project-based entry points into SAP NetWeaver. The road maps to the Enterprise Services Architecture that SAP delivers ensure rapid ROI and reductions in cost of ownership.

By following the IT practices road map provided by SAP, you can extract maximum value from your IT investments. You are able to adopt SAP NetWeaver components using a gradual, strategic process that continues until the entire IT landscape architecture is optimized.

Examples of the IT practices supported by SAP NetWeaver include:

- Analytics and reporting
- Custom application development
- Composite application development
- Internal-portal deployment and management
- Business-to-business process management
- Application-to-application integration
- Web services deployment
- System consolidation
- Master data consolidation
- Securing applications
- Remote mobile access to enterprise applications

With SAP NetWeaver, you can innovate more easily and create new applications and processes to meet changing business conditions. And you can make your existing applications more innovative – more flexible, extensible, and collaborative.

A PLATFORM FOR TODAY AND TOMORROW



In today's rapidly changing economic environment, leading companies are seeking new ways to realize long-term profitable growth. The key is to provide companies with the flexibility to innovate. SAP NetWeaver provides the platform and the power to elevate IT to an enabler of change. And the Enterprise Services Architecture blueprint, made possible by SAP NetWeaver, provides the road map for these changes.

SAP NetWeaver is the most cost-effective integration and application platform available for building new, custom applications and integrating your existing applications and infrastructure. SAP NetWeaver is specifically designed to help you to reduce costs, enable growth, and jump-start innovation.

When your business is powered by SAP NetWeaver, you can make the fundamental changes needed to compete in today's market. At the same time, you know that you have the platform, the infrastructure, and the road map that will allow your company to grow profitably over the long term.

FOR MORE INFORMATION

To find out how you can make SAP NetWeaver an integral part of your company's business operations and processes, go to www.sap.com/solutions/netweaver

To learn more about how to develop, implement, and operate SAP NetWeaver and to collaborate with the SAP technical community, visit SAP Developer Network at www.sdn.sap.com

SAP NetWeaver COMPONENTS

SAP NetWeaver means you get a single platform with all components synchronized into a single package. It means one installation process, one integrated platform, and one resource to turn to when you need support.

SAP NetWeaver is provided as a general-purpose platform. Its capabilities are delivered by the following components:

- **SAP Enterprise Portal** provides a complete portal infrastructure along with knowledge management and collaboration software.
- **SAP Business Intelligence** makes information actionable by helping companies identify, integrate, and analyze disparate business data from heterogeneous sources.
- **SAP Master Data Management** is the foundation for providing harmonized, consistent information to heterogeneous applications across the enterprise.

- **SAP Exchange Infrastructure** provides open integration technologies that support process-centric collaboration among SAP and non-SAP components both within and beyond enterprise boundaries.
- **SAP Mobile Infrastructure** supports multichannel access through voice and mobile technology, so people can stay connected to the information they need, offline or online.
- **SAP Auto-ID Infrastructure** provides a complete auto-ID middleware solution. It connects radio frequency identification (RFID) data directly from auto-ID data capture sources, such as RFID readers, and integrates the data directly into enterprise applications.
- **SAP Web Application Server** is a development and deployment platform that supports Web services, business applications, and standards-based development based on key technologies such as J2EE and ABAP™.

SAP NetWeaver also includes the following tools:

- **SAP Solution Manager** provides centralized management for all stages of the software life cycle, from design to development, deployment, implementation, versioning and testing, and ongoing operations.
- **SAP Composite Application Framework** provides the environment for building composite applications and comprises design tools, methodologies, services and processes, an abstraction layer for objects, and user interface patterns.
- **SAP NetWeaver Developer Studio** enables a model-driven development methodology for building professional Web user interfaces.

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