



**SAP Solution Brief  
SAP NetWeaver**

## **UNIFIED LIFE-CYCLE MANAGEMENT WITH SAP NetWeaver™**

### **Enabling Efficient Management of SAP NetWeaver-Based Solutions**

With the SAP NetWeaver™ platform, organizations can meet business requirements by implementing crucial IT practices in a flexible step-by-step approach at lower costs. For instance, performing unified life-cycle management activities using SAP NetWeaver helps organizations automate application management processes and optimize all facets of an application's life cycle to ensure continuous operations and faster reaction to changing business needs. Unified life-cycle management is supported by SAP NetWeaver tools such as SAP® Solution Manager and components such as SAP Web Application Server.

CIOs are challenged to manage a growing number of mission-critical business applications that often need to be integrated with other applications both within and external to the enterprise. IT organizations must not only ensure that these applications are always available and performing optimally, but also adapt applications to dynamic business needs. The management of applications extends beyond the data center; IT groups must support colleagues and partners to ensure productivity and uninterrupted business operations. At the same time, CIOs are increasingly being held responsible for producing comprehensive documentation that affirms the organization's commitment to adhering to regulatory requirements. To address all these issues, organizations need a solution that helps them ensure efficient operation of applications, optimize IT service, reduce application management costs, and react rapidly to changing market and business requirements.

### **The Solution: Unified Life-Cycle Management with SAP NetWeaver™**

Using the SAP NetWeaver™ platform to support your unified life-cycle management activities helps you coordinate and manage all facets of the enterprise application life cycle, from gathering requirements and designing and building applications to deploying, operating, and optimizing the applications and the processes they support.

You can perform unified life-cycle management with SAP NetWeaver through practical and flexible activities that can be adapted to your organization's needs. These activities – which include software life-cycle management, landscape monitoring and operations, and IT governance – help you address specific requirements today and provide a pragmatic path to the Enterprise Services Architecture blueprint.

### **Enabling Software Life-Cycle Management**

By using SAP NetWeaver to support software life-cycle management, you can easily add new SAP® components or create an entirely new landscape based on SAP solutions. The SAP Web Application Server component provides the necessary tools for planning, validation, and execution of these installations. By helping you apply the latest support packages and patches to solve application problems, SAP NetWeaver allows you to simplify enterprise-wide software maintenance and keep your installed solutions up and running. SAP NetWeaver upgrades keep pace with the latest business requirements, so you can take advantage of new capabilities within your business processes. Tools provided by SAP NetWeaver help you deploy the latest SAP software releases and integrate them with existing solutions.

With the SAP Solution Manager application management tool, you can configure deployed SAP solutions to meet specific business requirements. The tool supports configuration from initial planning and preparation through to testing and end-user training. SAP Solution Manager helps you document business and technical requirements and map them to the solutions throughout your IT landscape.

### **Supporting Landscape Monitoring and Operations**

SAP provides the tools and services to help you run, monitor, and administer your SAP NetWeaver-based infrastructure in a highly effective manner:

- Tools and services available in the different SAP NetWeaver components help you effectively monitor a single installation of the SAP NetWeaver platform as well as an entire SAP NetWeaver-based system landscape. These tools and services include central alert and online activity monitoring and problem solving that help you accelerate problem detection, analysis, and resolution.
- SAP NetWeaver provides administration tools and services to help you configure and optimize an SAP NetWeaver-based system, ensure continuous operations, and report on service levels.
- Through data archiving capabilities available within SAP Web Application Server, you can analyze, categorize, archive, and retrieve data as needed. Effective data management helps you reduce system load and comply with legal requirements.
- The adaptive computing capabilities of the SAP NetWeaver platform help you consolidate and streamline your IT infrastructure to manage concurrent demand for resources more efficiently. With adaptive computing capabilities, you can run any application on any server at any time, delivering high system performance at a low cost of operation. At the same time, you gain a central point of control for flexible assignment of new and existing applications into your evolving IT landscape.

SAP Solution Manager helps you support end users who are experiencing problems. End users can create support messages directly in the application in which they are working. A service desk included in SAP Solution Manager enables you to accelerate problem resolution by accessing a knowledge base as you analyze problems and perform root-cause analysis. If you are unable to quickly resolve a problem, you can forward the issue to experts within SAP Active Global Support. You also have

access to additional support services provided by SAP Active Global Support, such as SAP Safeguarding and SAP Empowering, to name a few.

### **Enabling IT Governance**

To optimize the management of IT solutions, you need to integrate and coordinate all essential application management processes. SAP Solution Manager provides an open end-to-end application management tool that helps you address all steps and phases of the application management life cycle. With SAP Solution Manager, you can orchestrate these different processes and gain comprehensive oversight of your solutions. This, in turn, allows you to align operations with your company's business strategy.

Whether the result of evolving business requirements, solution enhancements, or problem resolution, change is common when it comes to IT solutions. Performing unified life-cycle management activities with SAP Solution Manager helps you ensure that all change requests are approved, and that all proposed changes are tested. Then you can apply these changes to production systems with tools provided by SAP Web Application Server. In addition, SAP NetWeaver allows you to store all project-related information in a central location to ensure transparency and auditability.

### **Business Benefits**

SAP NetWeaver provides a comprehensive platform for automating application management processes and optimizing all facets of an application's life cycle. At the same time, it helps you evolve your IT landscape into an agile, service-oriented business software environment so you can realize the following key benefits:

- Increased reliability of SAP NetWeaver-based solutions through application management consistency, error avoidance, and fast issue resolution.
- Reduced cost of implementation, operations, and change management projects through improved project efficiency, and a single point of control for multicomponent landscapes.
- Faster realization of the benefits of implementation and change management projects, through reduced complexity of multicomponent projects and increased project efficiency.

### **Gain from Efficient Management of Applications Today**

SAP NetWeaver provides the information and tools you need to perform core IT practices and achieve the following:

- Ensure the reliability and consistency of SAP NetWeaver-based solutions
- Support end-to-end business processes across components
- Enable a smooth transition between the different phases of the application life cycle
- Ease the adaptation of IT solutions to evolving requirements

Contact SAP to learn more about enabling specific unified life-cycle management activities with SAP NetWeaver. For additional information, please visit [www.sap.com/netweaver](http://www.sap.com/netweaver).

[www.sap.com/contactsap](http://www.sap.com/contactsap)



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