



a platform for
rapidly creating elegant
business integration and
web-services solutions

hp service integrator

an hp netaction product

product brief

the integration challenge

Business developers increasingly need an easy-to-use, low-cost integration platform to quickly build composite business and web services. For example:

- If one of your competitors launches a new set of web services that provides their customers and partners with easy access to valuable order-processing information, you need a low-cost way to quickly match—or improve on—that capability. How can you integrate the relevant systems and combine them to create new web services without building the whole solution from the ground up?
- If your company acquires a firm that uses a different ERP system, employees from both firms will need a way to update customer records across all line-of-business areas. You want a fast, flexible, low-cost point solution to integrate the “customer update” processes across all relevant systems—without divesting either ERP system.

Until now, integration options for challenges such as these have been limited to either hard coding the integration or investing in costly middleware. But hard coding is both difficult to maintain over time and difficult to reuse to solve other integration problems. Proprietary middleware solutions are costly, require expensive training and staff investments that cause lock-in—and can dramatically slow down the integration process.

HP Service Integrator is an easy-to-use integration platform that speeds and simplifies the process of integrating information systems to create composite web and business services. By modeling services underlying new and existing applications in a high-level development environment, developers can quickly solve integration problems using elegant point solutions that are low-cost and easy to create, deploy, and modify.





solve integration problems using elegant point solutions that are low-cost and easy to create, deploy, and modify

there's a better way to integrate

HP Service Integrator is a process-enabled, easy-to-use integration platform that allows developers to rapidly integrate information systems to create composite web and business services. The software includes both an integration platform and process technology for a one-stop-shop solution.

Using HP Service Integrator, you can easily expose underlying services from new and existing applications, web services, Java™ classes, and Enterprise Java Beans (EJBs), and then model them in a high-level development environment. Within this environment, service components can easily be linked (with transformation where desired) and orchestrated. The resulting services, which make up whole or partial solutions, can then be packaged and deployed on an application server running the HP Service Integrator run-time system. The flexible services packaging enabled by HP Service Integrator can significantly ease services management while minimizing business risk.

Over time, HP Service Integrator allows you to develop a portfolio of service components with a common data and service model. Integrators and business developers can easily reuse services from the portfolio components, connecting and orchestrating them to modify existing services or create new services in order to solve other business problems. As new services are created, deployed, and added to the services portfolio, you are assured a growing resource of components that accelerate the development of future integration solutions.

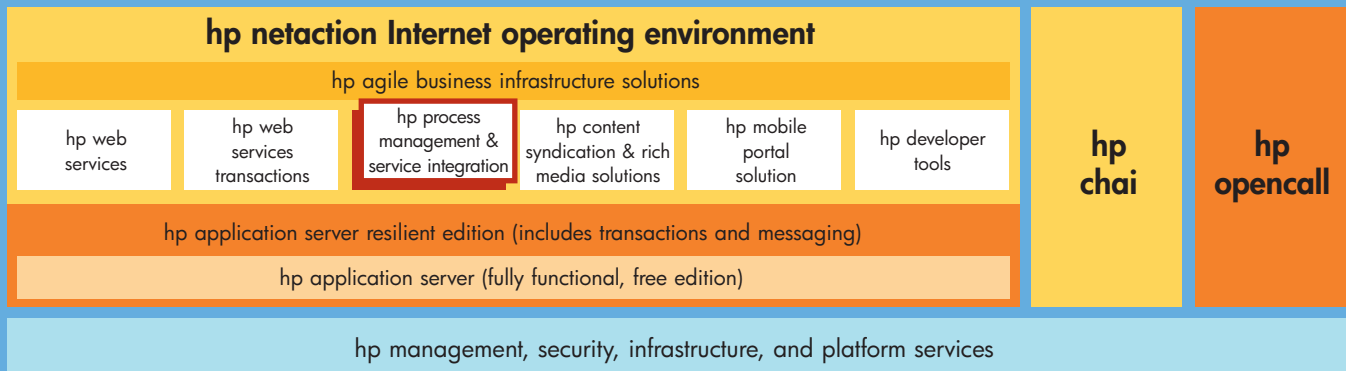
advanced features in a low-cost integration platform

HP Service Integrator includes the following key features:

- **development capabilities for composite web and business services**, enabling new services to be easily created, linked, aggregated, and orchestrated
- **standards-based technology**, ensuring that solutions are open and your business is not locked into costly, proprietary technologies
- **a platform for creating reusable services and solutions**, enabling service providers to capture complete solutions in discrete packages and then leverage them across multiple scenarios for increased competitiveness
- **design-time service modeling** through a high-level, graphical development environment that provides capabilities to aggregate services, applications, and components; configure links between services; and make them available to any other service, component, or person
- **easily expose any service as a web service**, enabling standards-based integration between existing and new technologies while maximizing IT investments
- **a service-centric model that uses process** to orchestrate underlying services and create flexible business applications that can be modified without deep programming or application knowledge; ensures that services can interact with all required applications, components, and processes
- **a graphical process design tool** that makes it easy to link services together, aggregate them, and modify them to meet changing business requirements

hp netaction architecture

the platform to develop, integrate, and deploy business web services that integrate data, communication, and intelligent mobile devices



features

benefits

low-cost integration platform	<ul style="list-style-type: none"> provides state-of-the-art, enterprise-grade integration capabilities at a price appropriate for point solutions
service-centric computing	<ul style="list-style-type: none"> places business and web services at the center of the services solution provides a new, faster way to work, reducing the need for programming skills to create and modify services increases the involvement of business developers while increasing their control over the creation of the services
standards-based technology	<ul style="list-style-type: none"> enables the use of diverse development tools ensures easy interaction with other standards-based solutions eliminates the need to "lock in" with a costly, proprietary middleware vendor
platform for creating reusable services	<ul style="list-style-type: none"> enables rapid reaction to changing customer and business demands, as well as faster time-to-revenue maximizes ROI on existing and new software assets
designed for web services integration from the ground up	<ul style="list-style-type: none"> allows easy integration and orchestration of aggregate web services using a service-based model
design-time service modeling	<ul style="list-style-type: none"> provides a high degree of control over solution creation, packaging, and deployment via a graphical development environment reduces implementation risk enables easy aggregation of business and web services through graphical user interface (GUI) management tools
service orchestration using graphical process definition tool	<ul style="list-style-type: none"> builds integration and application processes quickly via a flexible process definer that graphically defines processes from the top down or bottom up abstracts processes and services, making it easy to modify and redeploy business services as needed enables the use of process to orchestrate business services and create flexible, reusable services

big impact, small price

HP Service Integrator enables solution providers and IT staff to significantly reduce integration costs and decrease the time it takes to complete a project. Key benefits of HP Service Integrator include the following:

- increases business agility** by enabling service providers or IT departments to focus on creating service components while giving business developers more control within a shorter service creation lifecycle
- reduces business risk** for service providers committing to fixed-price integration projects or tight delivery timeframes
- reduces integration costs** by providing a low-cost integration platform that eliminates the need for costly middleware
- increases speed and competitiveness** by accelerating the integration process, minimizing deployment costs, and enabling an organization to resell or reuse packaged services across many clients or line-of-business functions
- maintains an open, standards-based infrastructure** that is less expensive and easier to maintain than an infrastructure built around proprietary middleware or integrated via piecemeal hard coding



why hp

Our vision and leadership in end-to-end solutions for your always-on Internet infrastructure and service-centric computing needs is just one reason to choose HP. Another is our unflinching commitment to open standards—demonstrated by our contribution to OMG, W3C, OASIS, J Consortium, the Java community process, the Apache Software Foundation, IT-ISAC, UDDI.org, and others. The HP Netaction software suite supports the interoperability of web services and applications, improving the customer experience and safeguarding the value of your IT investment. And, of course, we are famous for our best-in-class services.

products that work well together

HP Service Integrator integrates with other HP Netaction products such as the HP Application Server and HP Web Services Platform. The resulting interoperability provides foundation services such as failover and load balancing. You can use HP Service Integrator along with the full suite of HP Netaction tools, infrastructure components, and support services. And to ensure your success, HP provides a wide range of HP value-added services, such as technical consulting and end-to-end support.

HP Service Integrator is bundled with the following components:

- HP Application Server
- HP Message Service
- HP Web Services Platform
 - HP Service Composer
 - HP Registry Composer
- HP Web Services Registry
- HP Process Manager, Interactive Edition

getting the most from your investments

HP is committed to providing high-quality software services that address all aspects of your Internet operating environment and align with your business goals. With HP as your partner, you have access to standards-based, modular, multi-platform software coupled with HP's best-in-class services and support portfolio. HP offers premier onsite deployment assistance and development support in addition to consulting, outsourcing, financing, education, extensive electronic self-help, and mission critical support options—all focused on helping you maximize the return on your investment.

take the next step

If you'd like to evaluate HP Service Integrator 1.0, visit www.hpmiddleware.com for a free download of the product.

For complete information about how HP Service Integrator can simplify and accelerate the development of aggregate web service solutions for your business, visit the HP middleware software web site at: www.hpmiddleware.com

