

Streamline your journey to digital services

Modernize your operations and business support systems (OSS and BSS) with Red Hat



Through open source leadership and production deployment experience, Red Hat delivers technologies, tools, and services to modernize your OSS and BSS. Key products include:

- [Red Hat® OpenShift® Container Platform](#)
- [Red Hat Integration](#)
- [Red Hat Ansible® Automation Platform](#)
- [Red Hat Process Automation](#)

Red Hat Consulting also offers services to help you modernize faster and more easily:

- [Container adoption program](#)
- [API-centric integration program](#)
- [Automate network configuration services](#)
- [Automate workforce optimization solution](#)
- [Red Hat Open Innovation Labs](#)

Digital services require modern support systems

Advancing technology continues to provide new ways to deliver telecommunications services. To stay competitive in a fast-changing digital services market, you must rapidly develop, introduce, and iteratively evolve services. However, legacy OSS and BSS typically use large, monolithic applications that are difficult to modify, scale, and update quickly and cost-effectively, impeding your ability to compete.

Modernizing your OSS and BSS can help you increase flexibility, speed, and innovation to become a digital service provider (DSP). A container-based microservices architecture lets you transform today and build an adaptable foundation for tomorrow. These cloud-native frameworks bring elastic scalability, higher reliability, and greater efficiency to your services and operations.

Through open source leadership and extensive production deployment experience, Red Hat delivers technologies, tools, and services to help you modernize your OSS and BSS more easily and at your own pace.

Modernize your OSS and BSS with Red Hat

Open source communities power innovation and develop many of the technologies needed for OSS and BSS modernization. Open source platforms also provide flexibility and interoperability to prepare for future change. As the world's commercial open source leader, Red Hat offers a comprehensive set of production-grade, open source solutions and technologies for OSS and BSS transformation. Built on cloud-native expertise, these security-focused solutions provide a containerized, microservices-based architecture and an automated continuous integration/continuous deployment (CI/CD) pipeline to support innovation.

Red Hat solutions let you control the pace of change during your migration. Continue using legacy applications and connect them to new applications over time with advanced integration technologies. Or refactor legacy applications to operate more flexibly and efficiently on container-based platforms. Rapidly build new applications with reusable microservices and cloud-native development capabilities.

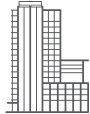
Red Hat OSS and BSS solutions are also customizable. Easily add integrated Red Hat products and certified third-party products – including service catalogs, billing systems, and service assurance offerings – from Red Hat's extensive open partner ecosystem to meet your organization's needs.

Automate, integrate, and develop for success

OSS and BSS modernization occurs in three main areas: automation, integration, and application delivery. Red Hat provides key functionality in each area.



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About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.

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Automate business processes to increase speed and efficiency

Business automation can streamline operations and service delivery. Through automation, you can enhance efficiency, encode processes to eliminate errors and increase consistency, and improve customer experiences, all while reducing costs. [Red Hat Ansible Automation Platform](#) and [Red Hat Process Automation](#) provide all the tools needed to implement enterprise-wide business automation. Build containerized microservices and applications to enforce policies, streamline operations, automate decisions, and measure results across varied environments. Use human-readable syntax to define your network and infrastructure as repeatable, scalable code that can be shared between teams. Get started quickly and expand your automation easily through agentless deployment.

Integrate new and legacy applications to streamline operations

Application integration technologies connect diverse, distributed applications, data sources, and development teams to remove bottlenecks, optimize resource and component reuse, and promote collaboration. With an application programming interface (API) centric design, [Red Hat Integration](#) delivers a comprehensive set of integration and messaging technologies to join applications and data across hybrid infrastructures. Modernize and streamline your application development with service composition and orchestration, application connectivity and data transformation, real-time message streaming, and API management.

Adopt modern delivery approaches to improve flexibility

Modern application development approaches use containerized microservices to create applications that can be natively deployed and managed across hybrid cloud environments. Combined with DevOps models, these approaches improve production efficiency and allow elastic application scaling. [Red Hat OpenShift](#) provides an enterprise-grade Kubernetes container platform with full-stack automated operations to manage hybrid deployments and support cloud-native application development. Accelerate innovation with security-focused DevOps processes and CI/CD pipelines.

Get help from Red Hat Consulting

Red Hat Consulting helps companies build modern environments and implement the organizational and cultural changes needed to use that environment more effectively. The [container adoption](#) and [API-centric integration](#) programs assist you in planning a straightforward, controlled OSS and BSS modernization journey and streamlining its execution. You can also gain new skills and innovative development approaches through [Red Hat Learning Subscriptions](#) and [Red Hat Open Innovation Labs](#). Schedule a complimentary discovery session at redhat.com/en/services/consulting.

Learn more

Modern OSS and BSS can help you become a successful digital service provider. Read the [Open source for modernizing telecommunications OSS/BSS whitepaper](#) to learn more.