Successfully launch cloud-native services

Modernize your business infrastructure with Red Hat and Amdocs

> *"We recognize that each customer has different needs and requirements. Many of our customers have legacy environments but are moving steadily to the cloud. Our microservices-based applications and platforms can be deployed on any cloud infrastructure: public, private, or on-premise."*

Cédric Gégout
Head of Technical Product Management, Amdocs

Read the complete case study.

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Digital services require modern support systems

Advances in technology continue to provide new ways to deliver telecommunications services. To stay competitive, telecommunications companies must rapidly develop, introduce, and evolve digital services. Modernizing your operations and business support systems (OSS and BSS) can help you increase flexibility, speed, and innovation to become a successful digital service provider (DSP).

Container-based microservices architectures let you transform your OSS and BSS and build an adaptable foundation for the future. These cloud-native frameworks bring elastic scalability, higher reliability, and greater efficiency to your services and operations. Even so, OSS and BSS modernization can be a complex, time-consuming process.

Red Hat and Amdocs can help you navigate your digital transformation, no matter where you are on the path to cloud-native.

Successfully launch digital services with Red Hat and Amdocs

Red Hat and Amdocs are trusted experts in cloud-native innovation and telecommunications OSS and BSS. With business approaches that encompass people, processes, and technology, the companies can help you transform business operations. As the world's leading provider of enterprise open source solutions, Red Hat offers a production-grade, open source foundation for modern OSS and BSS environments. Amdocs, a leading telecommunications solutions provider, provides a cloud-native, open, and dynamic portfolio of digital solutions, platforms, and services to support customer growth, transformation, and cloud adoption. Both companies also deliver global support and services to help you streamline your transformation.

Built on years of experience and best practices, Red Hat® and Amdocs solutions provide containerized, microservices-based architectures and automated continuous integration/continuous deployment (CI/CD) pipelines to support rapid innovation and business agility. In fact, Amdocs uses Red Hat technology as the foundation for its internal cloud-native ecosystem. The company built a unified, automated CI/CD platform to develop, manage, and deploy cloud-native products across on-site and cloud environments. By creating key OSS and BSS applications as microservices, Amdocs delivers new features and services to market faster while reducing downtime for end customers and maintaining infrastructure freedom. Consequently, the new solution helped Amdocs increase release frequency from 3 to 12 times a year, reduce customer adoption time from weeks to days, and improve time to production by 20%.[1]

Based on learning from their own cloud journey, Amdocs created its Microservices360 (MS360) development platform for customer use. MS360 incorporates Red Hat OpenShift® to provide an innovative platform for managing all aspects of microservices life cycles, from development to operations. The MS360 framework delivers well-defined and tested business process flows and allows you to operate your microservices on any cloud infrastructure. It also abstracts server management and low-level infrastructure decisions, freeing developers to focus on new features and innovation.

1 *Amdocs blog. "How our R&D transformation better prepared us for the future," 30 April 2020.*

Reduce risk on the path to cloud

Red Hat and Amdocs can help you adopt cloud-native operations with less risk. Deploy traditional, containerized, and microservices-based applications on a single cross-infrastructure platform. Move workloads to the infrastructure — physical, virtual, or cloud — that makes the most sense at any time. Simplify development with built-in, standard tools and a unified, user-friendly interface. Take advantage of expert support and service offerings to create a strategy for transformation, implement technology and processes, train your staff, and optimize operations.

Speed time to revenue

With Red Hat and Amdocs solutions, you can move new services and features from development to production faster. Speed development, testing, and deployment with automated CI/CD pipelines. Increase collaboration and adopt DevSecOps approaches with a platform that unites development, operations, and security teams. Reduce development and deployment risks with consistency across development, test, and production environments.
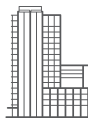
Rapidly adapt to change

Red Hat and Amdocs provide the tools and capabilities you need to adapt to changing market conditions. Deploy the services and functionality you need today and expand your capabilities as needs change with this modular solution. Easily change and improve application features — without impacting the stability of the rest of the application — using independent microservices.

Learn more

Red Hat and Amdocs deliver solutions, support, and expertise to help you modernize your OSS and BSS more rapidly, easily, and successfully.

Email ms360@amdocs.com to learn more about Red Hat and Amdocs solutions.

Using the new solution internally, Amdocs transformed its own product development process to deliver

4x

more frequent releases and

20%

faster time to production for new services.[1]

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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North America	Europe, Middle East, and Africa	Asia Pacific	Latin America
1 888 REDHAT1	00800 7334 2835	+65 6490 4200	+54 11 4329 7300
www.redhat.com	europe@redhat.com	apac@redhat.com	info-latam@redhat.com

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