

Deliver converged charging for 5G

Deploy a converged charging platform with Red Hat and MATRIXX Software



By 2025, 5G will account for

20%

of global connections.¹

Red Hat and MATRIXX Software offer an agile, cloud-native converged charging system solution to help you take advantage of 5G market opportunities while increasing efficiency and innovation across your organization.

Success requires new business models and innovation

Competition in the telecommunications industry continues to increase. 5G services represent a new opportunity for network operators to differentiate themselves and gain a competitive advantage. Network slicing, cloud-native, and real-time capabilities allow operators to create new revenue streams and business value.

Even so, many legacy online charging systems (OCS) do not provide the agility, performance, or scale required to deliver return on 5G network investments. As a result, operators may need to deploy a new charging system to profit from innovative 5G services.

Red Hat and MATRIXX Software offer an agile, cloud-native converged charging system (CCS) solution to help you monetize 5G services and unify charging functions across your organization.

Deploy a converged charging solution with Red Hat and MATRIXX Software

Based on open source innovation and cloud-native approaches, the Red Hat® and MATRIXX Software solution provides the speed, agility, and efficiency 5G service delivery demands. Each component in this integrated, validated solution delivers key functionality.

- [Red Hat Enterprise Linux®](#) is one of the most popular enterprise Linux platforms. It provides an open source foundation for deploying and scaling existing applications, as well as adopting emerging technologies, across bare-metal, virtual, container, and all types of cloud environments.
- [Red Hat OpenShift®](#) is an enterprise-ready Kubernetes container platform with full-stack automated operations to manage hybrid cloud and multicloud deployments. It provides a consistent, adaptable platform across bare-metal and private, public, and edge cloud infrastructure.
- The [MATRIXX Digital Commerce Platform \(DCP\)](#) is a cloud-native, 5G-ready converged charging system that is compliant with 3rd Generation Partnership Project (3GPP) standards. It includes a broad set of digital commerce functions and runs in containers on Red Hat OpenShift.

The Red Hat and MATRIXX Software solution connects network core and IT systems to deliver unified, high-performance rating, charging, and event streaming for 3G, 4G, and 5G networks. The modular, microservices-based design allows you to configure only the services you need now and add others as requirements change. Open source innovation and interoperability let you customize your deployment with community-based development and collaboration tools and third-party products. Consistency across infrastructures – including bare metal and private, public, and edge clouds – allows you to deploy the solution where it makes the most sense.

Monetize 5G services and business models

The Red Hat and MATRIXX Software converged charging solution uses an adaptable, cloud-native design to help you take advantage of 5G market opportunities. Speed time to market for innovative services using MATRIXX DCP's *click not code* configuration capabilities. Offer personalized experiences with instant access and transparent pricing for customers. Combine disparate, complex system views with a common interface and digital commerce approach.



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Unify your charging systems across networks

Red Hat and MATRIXX Software help you deploy a single, modern, and adaptable solution that works for all network services. Unify and streamline rating, charging, and event streaming functions across 3G, 4G, and 5G networks. Gain an accurate, up-to-date view of your customers with immediate synchronization of interactions and purchases between front-end and back-end systems. Streamline management tasks using simple, agile, and efficient operating models. Rapidly integrate channels—including mobile applications, web self-care, and customer relationship management (CRM)—via a flexible business application programming interface (API) gateway.

Speed deployment with a complete solution

The integrated, validated Red Hat and MATRIXX Software solution lets you get started quickly with the services you need today and expand functionality over time. Streamline installation with fast, automated deployment of prebuilt container images into Red Hat OpenShift. Simplify deployment and operations with a complete, supported software stack. Easily configure key services using unique *click not code* functionality that reduces coding and change requests. Connect existing software tools and workloads with agile integration capabilities.

Learn more

Innovative 5G services can help you differentiate your organization in the competitive telecommunications market. The Red Hat and MATRIXX Software converged charging solution gives you the agility, efficiency, and consistency you need to succeed.

Learn more at redhat.com/telco and matrixx.com/cloud-native-technology.

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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