

Avaloq Container Platform Reference

Simplicity for a new era

Customer opportunity

Banks are currently challenged with delivering new and enhanced services, delivering services faster across multiple touchpoints, and driving operational efficiencies—while facing increasingly competitive markets and frequent change in the regulatory environments.

By working together, Avaloq and Red Hat address these challenges through Avaloq Container Platform Reference (ACPR). ACPR is powered by Red Hat® OpenShift® Container Platform and is the implementation platform for Avaloq's banking and wealth management solutions.

ACPR provides an open source, technical standards-based platform that is embedded in Avaloq products, allowing customers to focus on improving services, decreasing time to market, and using existing technology investments.

Avaloq Container Reference Platform

Avaloq built new architecture to allow their banking customers to better serve clients while also giving those customers the opportunity to keep pace with rapid improvements in cloud services, application development, and integration.

At the heart of this architectural shift is ACPR. ACPR delivers a wide breadth of financial services solutions for wealth management, customer engagement, and data analytics. Additionally, ACPR delivers integration capabilities to Avaloq's core banking platform, as well as the [Avaloq.ONE](#) ecosystem solution—through which third party systems can be connected to Avaloq's solutions.

ACPR provides:

- Sound and coherent architecture
 - Infrastructure-as-code
 - Repeatability and scalability
 - Monitoring and logging
- Additional security by design
 - Disconnected installation
 - Encrypted sensitive cluster configuration
 - Artifact signature
 - Hardening
- Avaloq operators and configurations
 - Avaloq application monitoring and alerting resources
 - Database schema management



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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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- Apache Kafka cluster-wide configuration
- Configurability and customization
- Interfaces to external services and third-party deployments

ACPR powered by Red Hat OpenShift

Red Hat OpenShift includes an enterprise-grade Linux® operating system, container runtime, networking, monitoring, registry, and authentication and authorization solutions. Automate life-cycle management to get increased security, tailored operations solutions, easy-to-manage cluster operations, and application portability.

Red Hat OpenShift stands out as a leader with a security-focused, supported Kubernetes platform—on Red Hat Enterprise Linux. Red Hat offers expert training and consulting for customers that need further support.

In addition to providing the core platform and container orchestration, Avaloq also uses Red Hat AMQ, based on Apache Kafka, to provide low-latency communications between Avaloq microservices and applications.

Avaloq provides customers with configuration and installation guidelines. Additionally, ACPR benefits from the ability of Red Hat OpenShift to operate in a wide variety of environments including on-premise, virtualized, public cloud, or hybrid cloud. It is provided as a managed service from Avaloq.

Delivering customer value

By providing ACPR, Avaloq is supporting best-practice approaches to modern banking that address the realities of today's competitive and regulatory pressures. Through partnership with Red Hat, ACPR also addresses key risks traditionally associated with improving banking systems, such as procurement and operating costs, time to market and value for new services, shortening the development and deployment cycle, and usage of proven, open source solutions.

Find out more

Find out how to get ready for the future with [roadmaps from Avaloq and ACPR](#) or by contacting sales.

Learn more about [Red Hat products and solutions](#).