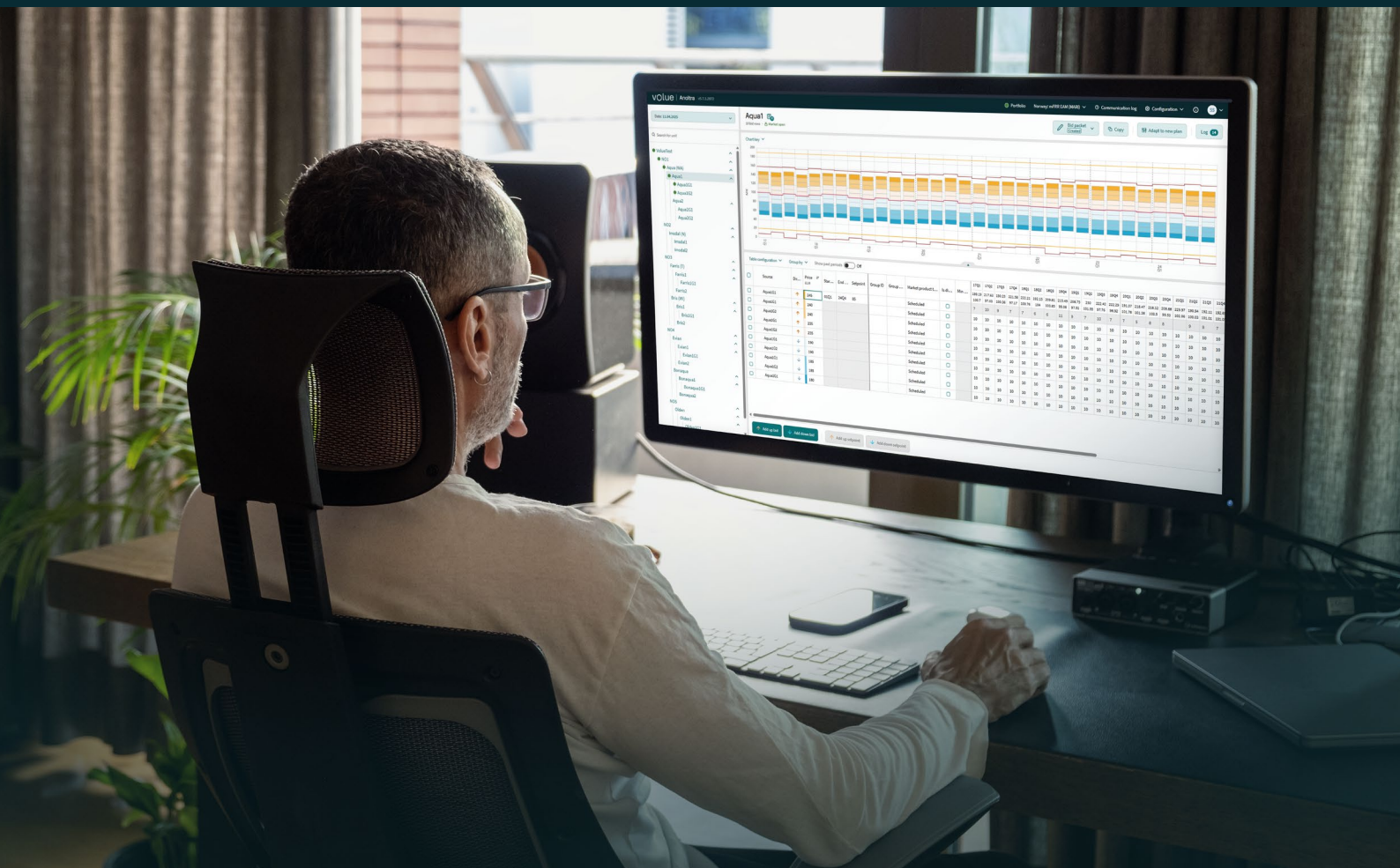


ECCo SP as SaaS

ECCo SP by ENTSO-E is a software for creating a secure, centrally managed network for data exchange. Value is offering a robust and reliable hosting of ECCo SP in Kubernetes for TSO and B2B communication.



Product overview

Product overview

SaaS offering of an ENTSO-E Communication & Connectivity Service Platform (ECCo SP).

ECCo SP is a standardised communication platform for the energy market and contains the ECP (Energy Communication Platform) and EDX (ENTSO-E Data Exchange) for communication between TSOs and BSPs. For details, see [ENTSO-E Communication and Connectivity Service Platform](#).

Key Benefits:

01

Seamlessly integrated with Ancitra and Activation Request SaaS, meaning no need for any on-premises component for communication with the TSO.

02

Integration from on-premises to send systemdata on EDIFact to ECP.

03

Robust setup with 24/7/365 monitoring with health checks through Kubernetes liveness probes.

04

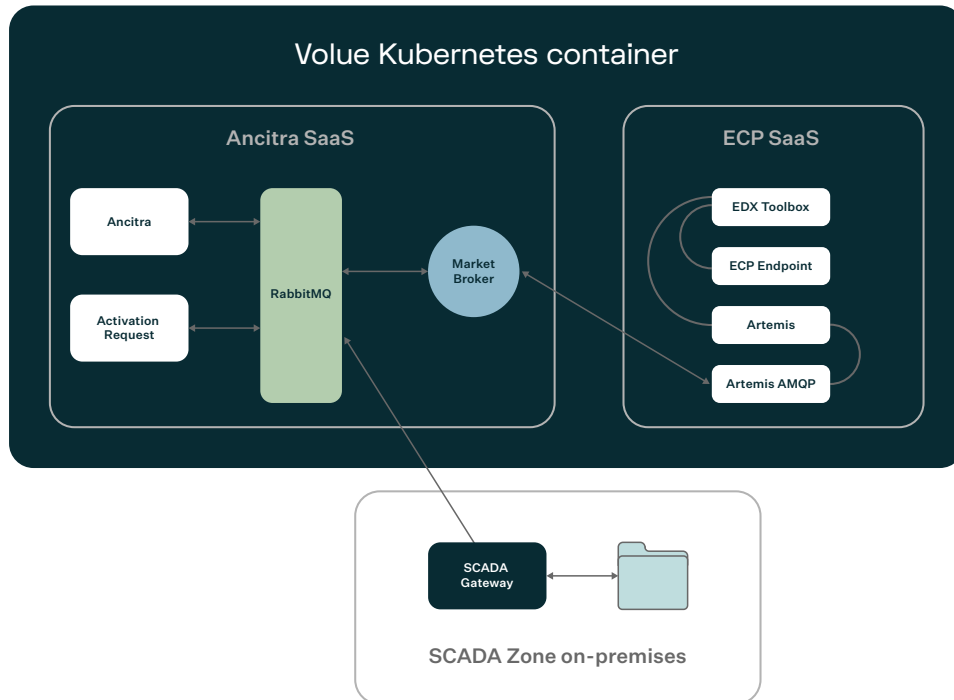
Security throughout the value chain.

05

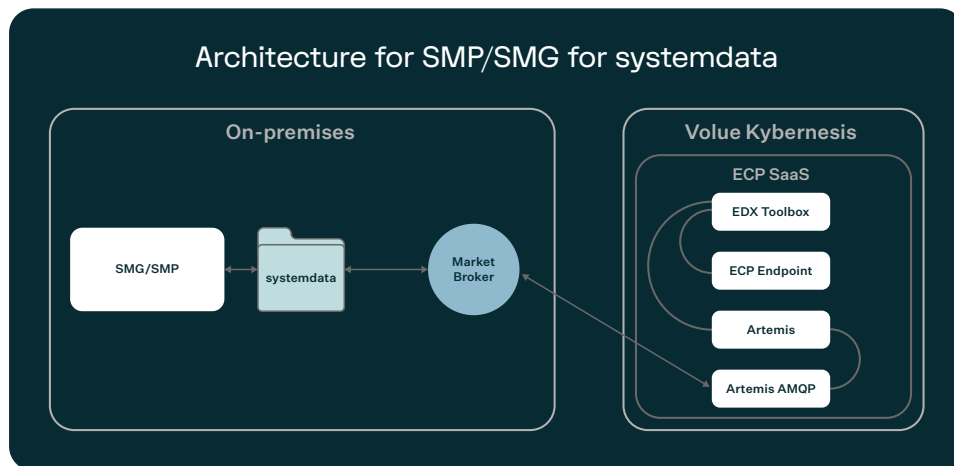
No need to maintain the solution or have in-house knowledge: all upgrades are taken care of.



Architecture for Ancitra SaaS



Architecture for SMP/SMG for systemdata



Security

ECCo SP is hosted in the Azure Cloud, leveraging the advanced security features provided by Microsoft. Azure offers a secure foundation, including network security groups, identity and access management, encryption, and threat detection.

We conduct regular security assessments, including static and dynamic code analysis, as well as vulnerability scanning of Value source code. These assessments are integrated into our CI/

CD pipelines, enabling automated and continuous security testing with each code change.

Each ECCo SP endpoint includes built-in authentication by default. These endpoints are typically accessible only within our internal VPN environment. The application is deployed in a Kubernetes container, configured according to customer-specific requirements. The deployment utilises official ECP/EDX Docker images.

By default, ECCo SP is not exposed to the public internet, ensuring an additional layer of protection.

Do you want to know more about ECCo SP as SaaS?

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