



RIB CostX Cloud Service Description

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RIB CostX Cloud

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Document Purpose

This document describes RIB CostX Cloud, including key features and limitations, as well as the operational parameters.

This document must be read in conjunction with the AVEVA Connect service description, which describes the common services available for all functional digital services on AVEVA Connect. Any additions or exceptions to the common services are described in this document.

Audience

The audience of this document are IT departments and business decision makers who are investigating whether to leverage AVEVA cloud offers in their own IT landscape.

About RIB CostX Cloud

The RIB CostX Cloud platform is a third-party product that allows users to perform accurate and efficient measurement from 2D drawings, and generate automatic quantities from BIM or 3D models, using the most advanced electronic take-off system available today.

Users can prepare estimates, tenders, and Bills of Quantities with ease using a fully integrated environment for take-off and estimating. The RIB CostX Cloud platform also features powerful spreadsheet-based workbooks that are live-linked to the drawings in question.

RIB CostX Cloud has all the functionality and features of the RIB CostX Cloud solution with the added benefits of cloud-based hosting and storage via Microsoft's Azure Virtual Desktop Service.

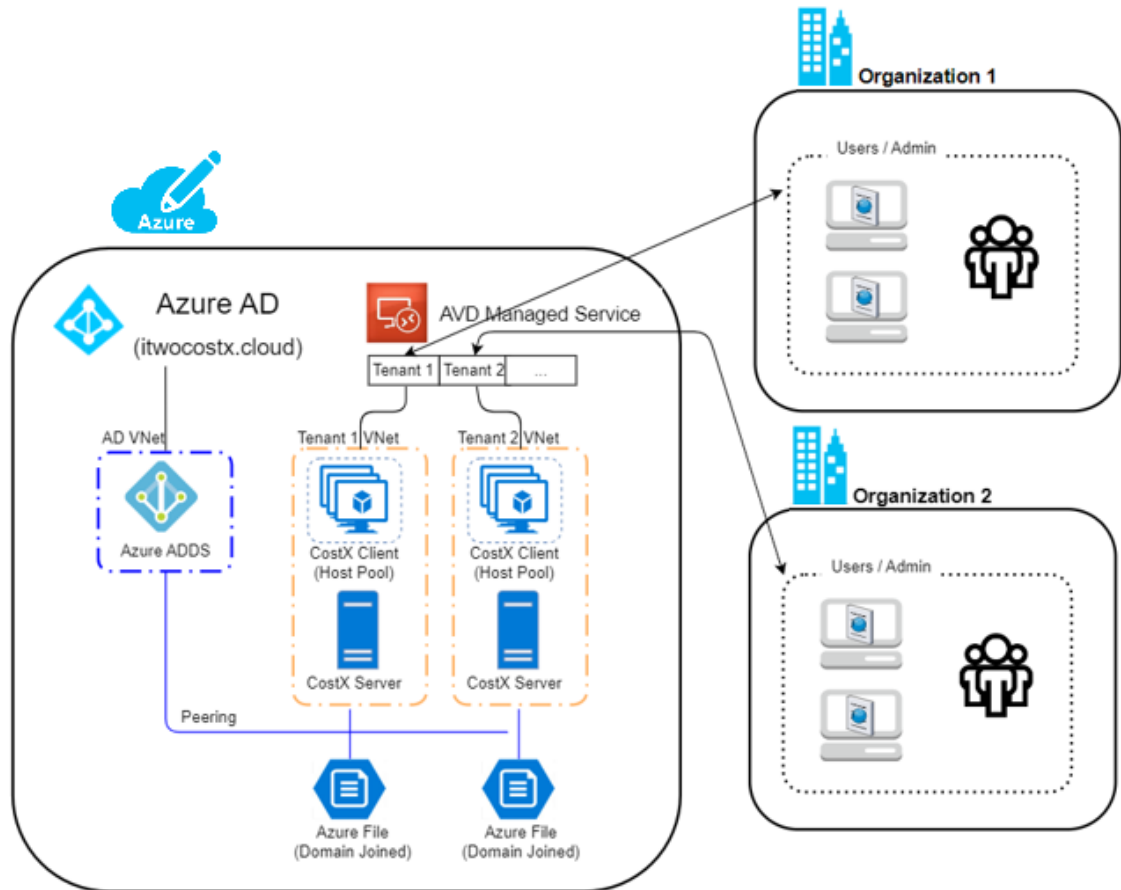
Key Features

- Advanced 2D and 3D/BIM take-off and estimating.
- Live-linked workbooks to drawings, allowing easy export of Bills of Quantity and other documents.
- Fully managed service with Microsoft Azure and Azure Virtual Desktop.

Key Benefits

- All the functionality of RIB CostX is delivered in the cloud without the worry of hosting and storage.
- Reduce time spent in take-off by 80% compared to existing manual processes.
- No infrastructure procurement or configuration required.
- Easy set up for the end user.

Architecture



Service Overview

The RIB CostX Cloud service provides the same features and functionality as the on-premises version of the product. RIB CostX Cloud will automatically update when new versions are released.

The service provides access to any user with a valid RIB CostX Cloud license.

User Management

Each user can access the cloud portal using their own branded URL.

Users can:

- Check system and account license statuses.

Administrators can:

- Check system status.
- Manage user accounts, including:
 - Create new users and administrators.
 - Disable and enable users
 - Reset passwords.
 - Assign CostX Cloud licenses.
 - Manage CostX Cloud user permissions.

Service Limitations

RIB CostX Cloud service has no known service limitations.

Regional Cloud Availability

RIB CostX Cloud is accessed via the public Internet using HTTPS/TLS (a secure transport mechanism). The web applications can be accessed via any supported web browser.

RIB CostX Cloud is available for deployment in the following public cloud regions:

- Asia-Pacific – Australia
- Asia-Pacific – India
- Asia-Pacific – Japan
- Asia-Pacific – Korea
- Europe North – Ireland
- Europe West – Netherlands
- Europe – United Kingdom
- Americas – Canada
- Americas – US

Hardware and Software Requirements

RIB CostX Cloud is executed through application streaming technology therefore client hardware requirements are minimal. Client software requirements are given below.

Desktop Client Network Requirements

Component	Minimum/Recommended
Web browser	HTML5 compatible browser, including the latest versions of Google Chrome, Mozilla Firefox, Apple Safari, and Microsoft Edge.
Operating System	Windows 7, Windows 10, or Windows 11 MacOS 10.12 or later iOS, Android, Chromebook handheld
Firewall Port	HTTPS port 443
Round-trip (RTT) Latency	150ms or less to Azure hosting location for best results
Internet Bandwidth	3 Mbps or faster for the best user experience

Security Standards and Compliance

For enhanced security, AVEVA follows these practices:

SOC2: The operational practices for the RIB CostX Cloud service are aligned with SOC2.

Access control: Each RIB CostX Cloud user requires an AVEVA Connect account, provided as part of the customer subscription when signing up to the AVEVA Connect framework agreement.

Server-side encryption: RIB CostX Cloud uses server-side encryption with managed encryption keys to ensure the encryption of all data-at-rest throughout the system.

Decommission of the Service

Upon request and confirmation from the customer to decommission RIB CostX Cloud, RIB Software will follow a process for the decommissioning and destruction of data to include the deletion of all files and data held within the service:

- **Production Data:** Data is retained for at least 30 days after receiving the deletion request to safeguard against accidental or wrongful deletion. After this period, the process of deleting data is initiated.
- **Backup:** A backup of the Microsoft SQL Server data store may be provided (for an additional fee) upon request from the customer.

- A data destruction report confirming that the data was deleted in accordance with our procedure can be provided upon request.
- Refer to AVEVA Software Legal Information and Policies on the AVEVA Legal site at: <https://www.aveva.com/en/legal/>.

High Availability, Business Continuity, and Data Protection

To ensure high availability, business continuity, and data protection, RIB CostX Cloud service follows the timelines given below.

Database Storage

- RIB CostX Cloud services use Microsoft Azure Recovery Vault.
- Backups are stored using Azure Zone Redundant Storage (ZRS).

Data Backup

- Full backups are completed daily.
- All backup data is stored in the same cloud region as the cloud service. All backup data is replicated across multiple data centers within the same region.
- All backup data is retained:
 - Daily backups are kept for **7 days**.
 - Weekly backups are kept for **4 weeks**.
 - Monthly backups are kept for **12 months**.
 - Yearly backups are kept for **3 years**.

Disaster Recovery

In the event of a service failure, RIB Software initiates a recovery process in accordance with RPO and RTO objectives detailed below.

Cloud Service	Recovery Point Objective (RPO)
RIB CostX Cloud	24 hours

Cloud Service	Recovery Time Objective (RTO)
RIB CostX Cloud	48 hours Shorter durations are available at an additional cost.

Service Level Commitment

Contact RIB Software for additional information.

Customer Support

Customer support is provided by RIB Software.

For more information, contact methods and support coverage, visit <https://www.itwocostx.com/support/>.

Additional Terms and Conditions

Each client organization must agree to additional terms and conditions, including but not limited to RIB General Terms and Conditions, directly with RIB in order to subscribe or gain access to RIB CostX Cloud.

Additional Services

RIB Software offers a large range of construction software and provides services throughout the process from estimating to decommissioning. Visit <https://www.rib-software.com/en/group/about-rib/rib-worldwide> for more information.

Contact RIB Software

Contact RIB Software for additional information.

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RIB Software documentation is available at: <https://www.itwocostx.com/resources/>