ARCO **API**

ARCO Platform provides the ability to interface to many 3rd party systems using an Open API. The API is based on the latest Web-based Restful Architecture. All data contained within ARCO Platform is securely exposed to the 3rd party systems.

RESTful API

Full ARCO Data Access

Full Event Inheritance

Full Audit Trail

Features

ARCO API provides complete access to ARCO Platform data and associated views.

RESTful API interface for information exchanges.

Signal R subscriptions via web-sockets for repeated communication.

Full Audit Trail of all commands, events and configuration changes.

Can be explored by using tools such as Postman or SoapUI.

Token/TLS Authentication.

Reports Template

User REST API	Manage or synchronise ARCO Users properties and roles
Events REST API	Send or retrieve event histories from ARCO
Commands REST API	Receive any command from ARCO
Status REST API	Request the status of any object in ARCO
Configuration REST API	Read and write the properties of any object in ARCO
Mobile API	Mobile Application interface to ARCO

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Integration

Access Controls

ARCO API provides full integration of all access control users, roles, schedules and user properties. The Access API also allows for full management of biometric user data such as face and fingerprint templates.
ARCO API also supports the importing of user data from external files.

Contact ID

ARCO API provides a TCP ASCII based gateway for processing of events from the client and allows commands to be sent to the client.
The format of the event messages sent is fully configurable and can also support SIA and other standard ASCII protocols.

Email Notification

ARCO API enables the configuration of an SMTP (Simple Mail Transfer Protocol) to send, receive, and/or relay outgoing mail between email senders and receivers.
ARCO Platform Rules module enables you to fully control exactly when an email notification will be sent.

Video

ARCO API enables the integration with third-party video systems from any manufacturer that supports RTSP or ONVIF video formats.
Configurable Dashboard enables the full control of video displays within the ARCO Platform.

Push Notifications

ARCO API allow communication to Mobile Applications.

IoT Lora Gateway

ARCO API allow wireless IoT device integration.

Active Directory

ARCO API supports sets of HTTP operations, which provide create, retrieve, update, or delete access to the service's resources.
This enables HR Integration.

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