Sadevio Cloud System Connector

To connect your on-premise access control system, you can install the SADEVIO Cloud Connector service. This service facilitates the integration of the SADEVIO Cloud Solution with your access control system.

Overview

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Download the Sadevio Cloud Connector and install it in the same network, where the Velocity Server is.

Configure Sadevio Cloud System.

- **Create a New Access System**:
  - Navigate to the **Maintenance** section.
  - Select **Access System**.
  - Click on **Create New Access System**.
- **Set Connector Type**:
  - Select **Web Socket** as the access system connector type.
  - This action will generate an application ID.
- **Record Application ID**:
  - Make a note of the generated application ID, as it will be needed for configuring the Cloud Connector.

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Configure Sadevio Cloud Connector

- **Locate the Configuration File**:
  - The configuration file for the Sadevio Cloud Connector is named `appsettings.json`.
  - You can find it in the `ProgramData` directory, usually located at `C:\ProgramData\Sadevio`.
- **Open the Configuration File**:
  - Navigate to the `C:\ProgramData\Sadevio` directory.

- Open the `appsettings.json` file with a text editor.
- **Activate the Cloud Connector Function**:
  - In the `appsettings.json` file, ensure that the cloud connector function is activated and the application id set.

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Configure Identiv Velocity features

1. **Locate the Configuration Section**:
   - In the `appsettings.json` file, find the configuration section for the access system.
2. **Set Access System Type**:
   - Set the `access_system_type` to `velocity_rest`.
3. **Enter Connection Details**:
   - Provide the IP address of your Velocity system.
   - Enter the generated password. See Generate API Password

Example configuration in `appsettings.json`:

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Configure Velocity Badge Template

- **Open Velocity Client**:
  - Launch your Velocity Client application.
- **Navigate to Credential Template Configuration**:
  - Go to **Configuration**.
  - Select **Velocity Configuration**.
  - Click on **Credential Template**.
- **Create a New Credential Template**:
  - Add the required functions as needed.
  - Press **OK** to save the new credential template.

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Retrieve and Configure Template ID:

  - Note the template ID of the newly created credential template.
  - Open the `appsettings.json` file.
  - Set the `velocity_rest_template_id` to the template ID. For example, set it to `30`.

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Configure Velocity Card Format

The card format configuration is used to determine which algorithm is used to generate the Velocity MATCH Code. Refer to the Velocity Card Format Mapping section in our documentation for details on the available algorithms.

To use "Special 36" for generating the MATCH CODE, follow these steps:

1. **Locate the Configuration Section**:
   - In the `appsettings.json` file, find the configuration section for card format.
2. **Set the Card Format**:
   - Configure the `velocity_rest_card_format` variable to the appropriate value. For "Special 36," set it to `41`.

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