

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

[Screenshot 2024-06-27 at 2.56.46 PM.png](#)

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.

[image.png](#)

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.

[Screenshot 2024-06-27 at 3.13.03 PM.png](#)

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`:

[Screenshot 2024-06-27 at 5.36.27 PM.png](#)

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.

[Screenshot 2024-06-27 at 3.19.33 PM.png](#)

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`.

[Screenshot 2024-06-27 at 3.20.30 PM.png](#)

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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