Vision & Samba: Connecting to Unicloud

Connect to the Unicloud Organization

1. Go to **Services → UniCloud → General**.
2. Enter your UniCloud username and password.
3. Click **Get Organization**, select your organization, then click **Save & Apply**.

Note: Ensure your PC and Unitronics Router are connected to the Internet.

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PLC Settings

1. Go to **PLCs → Add New Configuration**.
2. Choose your remote access choice:
   OFF – Uses telemetry port (telemetry pauses during access).
   ON – Uses a dedicated port (recommended).
3. Click **Save & Apply** again.

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Asset Type Setup

1. Go to **Asset Types**.
2. Add a new type or load an existing one.
3. Click **Save & Apply**.

4. Select **Asset Type: Unitronics**.
5. Configure memory bits, integers, and alarms.
6. Click **Save & Sync** until success messages appear.

Notes:

- Ensure you select the correct **Type** from the drop-down list.
- Confirm you receive **both success messages**. If messages don't appear, click **Save & Sync** again.

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Asset type configuration

Asset type name *	Asset_Type1210
Asset type description	
Asset type	Unitronics

Tag configuration

↻ Refresh   ☰ Visible columns (8 of 8)

Name	Alias	Description	Type	Data type	Length	Permissions	Actions
MB1		Door_Bit	Bit	MB	1	RO	Delete
MI1		Volume	Numeric	MI		RO	Delete

Add

Alarm configuration

↻ Refresh   ☰ Visible columns (6 of 6)

Name	Resolution	Description	Data type	Severity	Actions
Alarm1			MB	Warning	Delete

Add

Save & apply   Save & sync

« SERVICES

UniCloud
General
PLCs
Asset types
Assets
Diagnostic
Certificates

UCRB8_R_52.07.13.8
View Settings

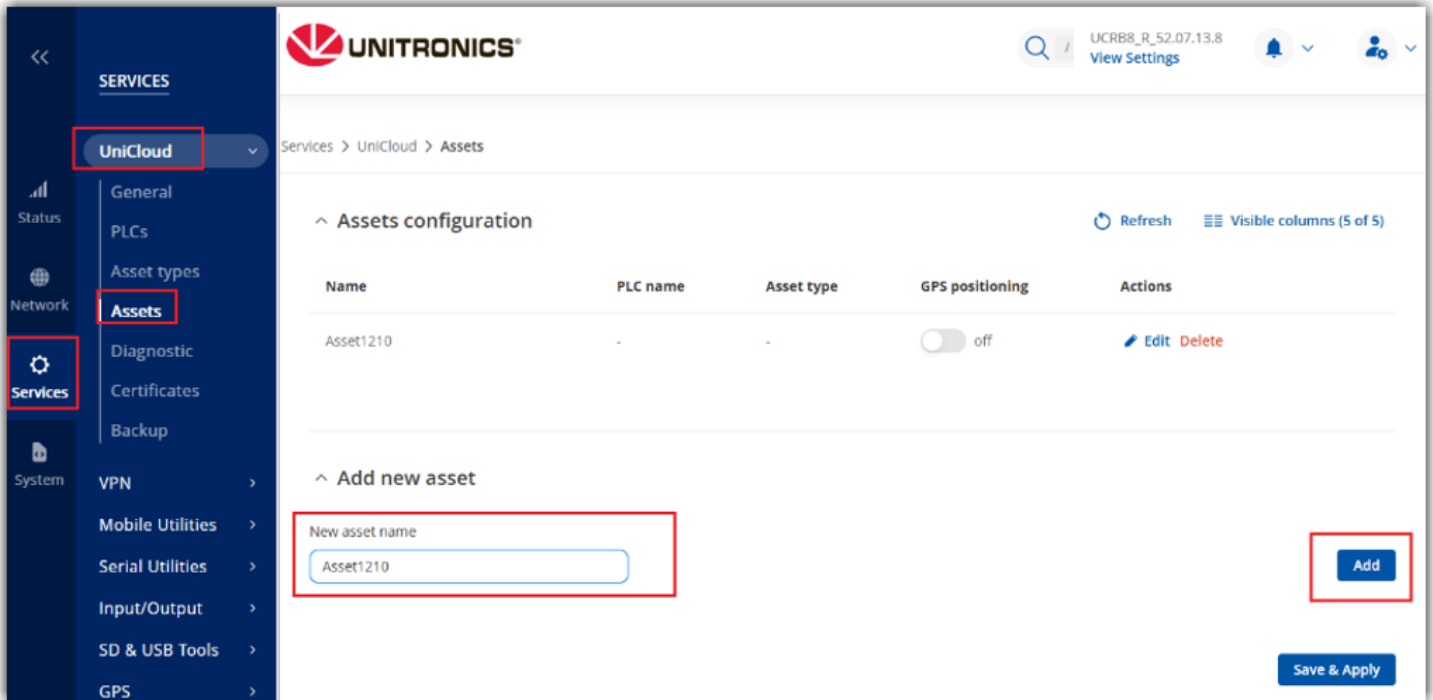Services > UniCloud > Asset types

Asset types configuration

Name	Description	Asset type	Actions
Asset_Type1210	-	Unitronics	Edit Delete

✓ Asset types loaded successfully   ✕

✓ Configuration has been applied   ✕

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Creating a New Asset

1. Go to **Services → UniCloud → Assets**.
2. Enter the **New asset name → Add**.

3. (Optional) Enable GPS (B8 models only).
4. Select **Asset Type** and set **Addresses**.
5. **Test** connection; if successful, click **Save & Apply** twice.

Note: You **must receive** a successful Test response. If the test fails, return to the PLC and Asset type tabs and verify all configuration settings. When all tests pass, click Save & Apply.

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Add Unitronics Router to UniCloud

1. In UniCloud: Go to **Device Management → Unitronics Routers Management**.
2. Click Add Unitronics Router → enter Unitronics Router Serial Number → Validate → Add.

Note: If validation fails, **contact Support for help**.
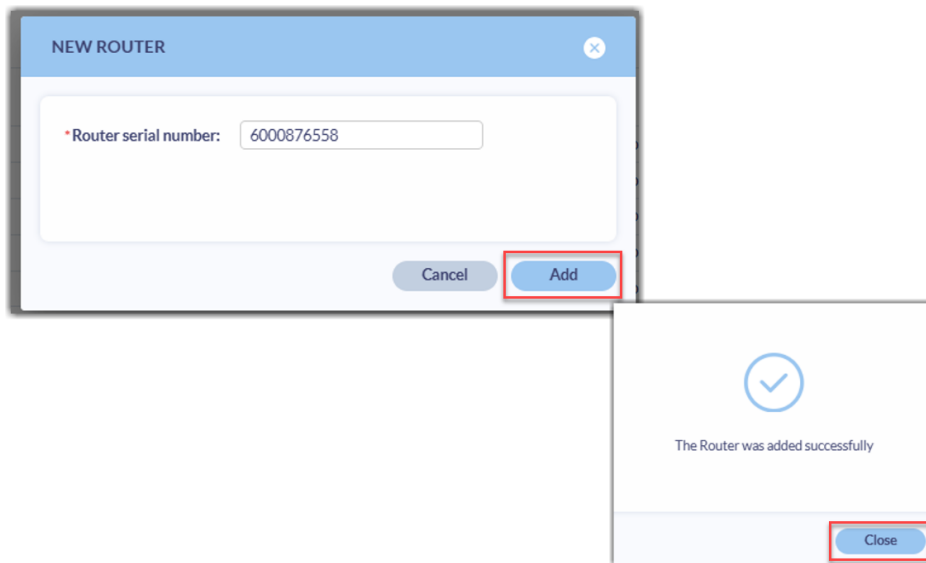
Add PLC to UniCloud

1. Go to **Device Management → PLC Management**.
2. Click Add PLC → enter Serial Number → Validate → Add.

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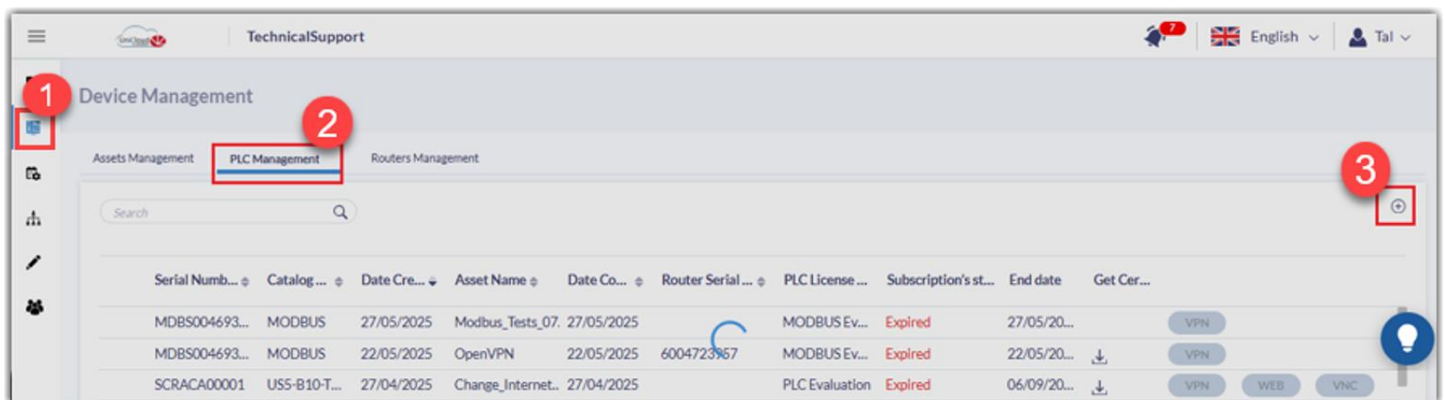
NEW PLC

PLC type: Unitronics

*PLC serial number: V8S00B30006 ✓

Cancel   **Add**

Link PLC to Unitronics Router

1. Return to Unitronics **Routers Management** → select Unitronics Router.

	Serial Number ⇕	Model ⇕	Catalog Number ⇕	Date Created ⇕	Owner ⇕	# Assets ⇕	# PLCs ⇕	
	6000876558	UCR-B8	UCR-ST-B8-EU	12/10/2025	TechnicalSupport	0	0	WEB
	1127011469	UCR-B8	UCR-ST-B8-SA	24/08/2025	TechnicalSupport	0	0	WEB
	6004723957	UCR-B5	UCR-ST-B5-EU	16/03/2025	TechnicalSupport	1	1	WEB
	1127008576	UCR-B8	UCR-ST-B8-SA	19/11/2024	TechnicalSupport	0	0	WEB

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2. Enter PLC serial → Validate → Close.

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ROUTER DETAILS

Certificate   Disconnect

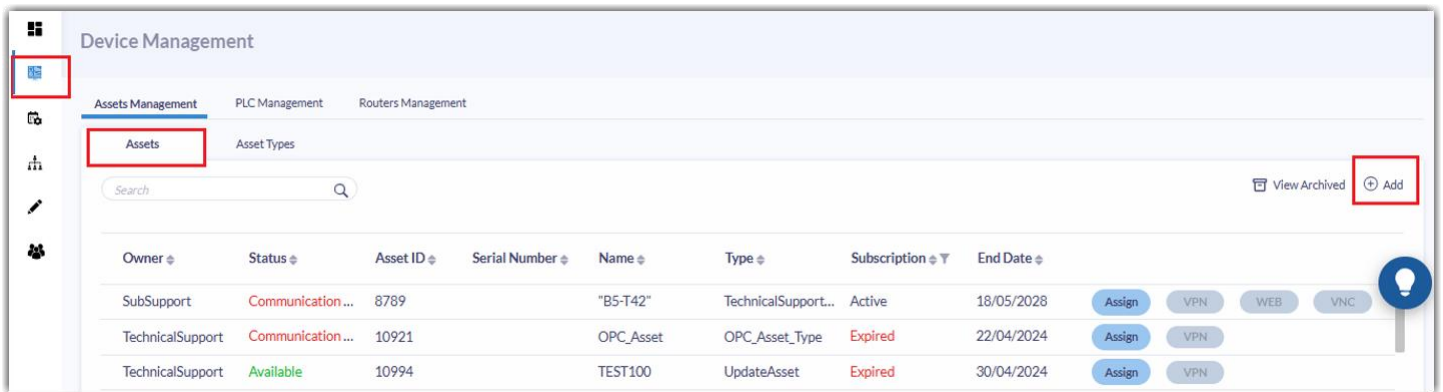|	
Router Serial Number: 6000876558	Date Connected: 12/10/2025
Owner: TechnicalSupport ✏	Router Model: UCR-B8
Location: Israel ✏	WEB
Comments: ✏	

Assets   **PLCs (1)**

⊕

	Serial Number ⇕	Model ⇕	Catalog Number ⇕	Date Created ⇕	Asset Name ⇕
🔗	V8S00B30006	Vision	V350-J-B1	12/10/2025	

Close

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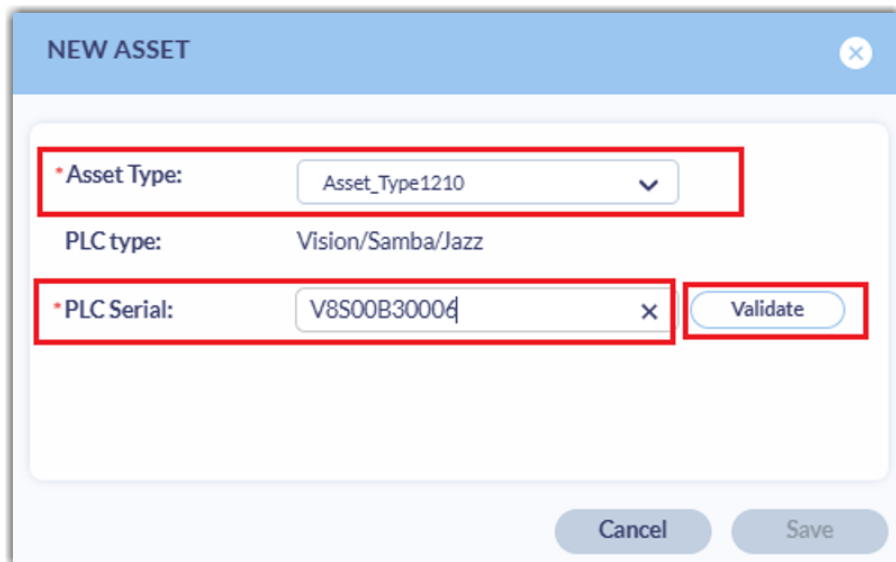
Create Asset in UniCloud

1. Go to **Device Management → Assets → Add Asset**.

2. Select Asset Type → enter PLC Serial → Validate.

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3. Enter Asset Name → Save → Download certificate.

NEW ASSET ⊗

*Asset Type:	Asset_Type1210 ⌄
PLC type:	Vision/Samba/Jazz
*PLC Serial:	V8S00B30006 ✓
*Asset Name:	Asset1210
Asset Serial Number:	
Comments:	
Router Serial:	6000876558

Cancel   Save

DOWNLOAD CERTIFICATE ⊗

Download the asset's certificate here:

Cancel   Download

Upload Certificate to UNITRONICS ROUTER
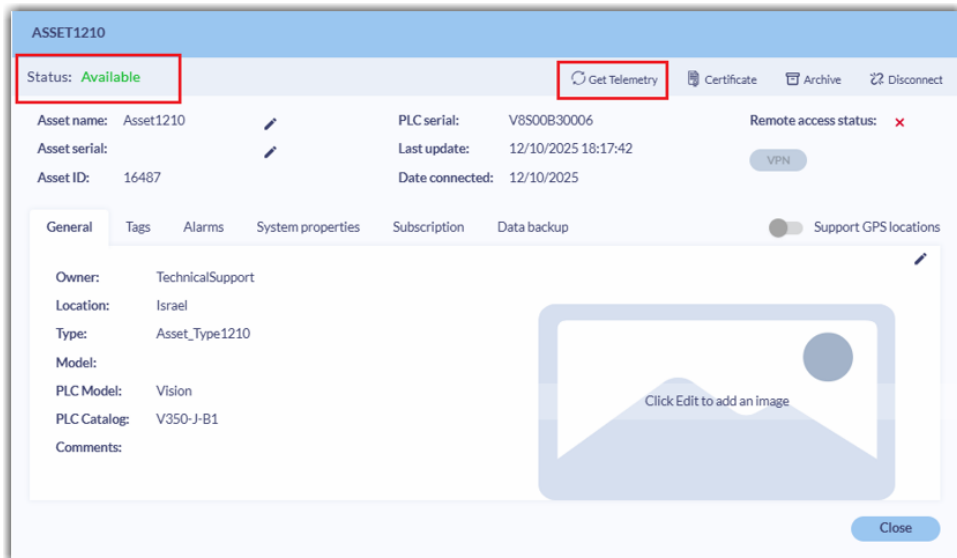
1. On the Unitronics Router: Go to **Services → UniCloud → Certificates**.
2. Upload the certificate file and confirm upload success.

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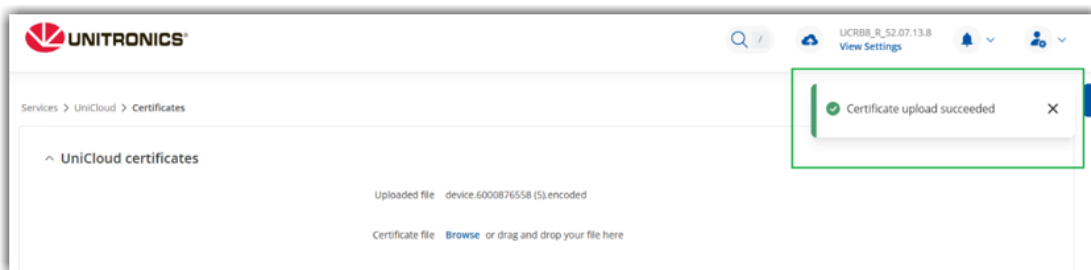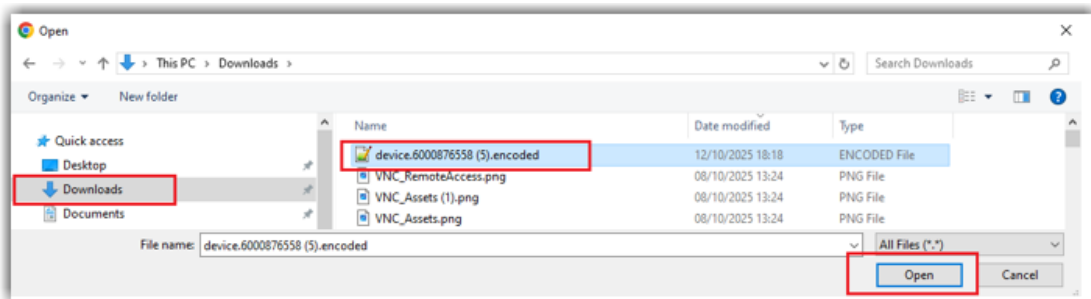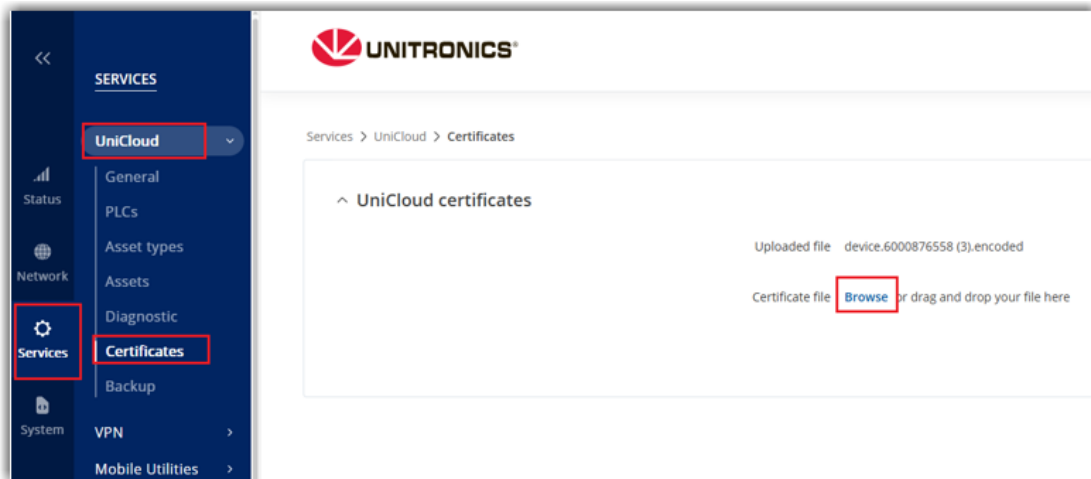
Once the router configuration completed, return to the Unicloud

1. Click **Get Telemetry.**
2. **Connected**: Tags are received - setup successful!
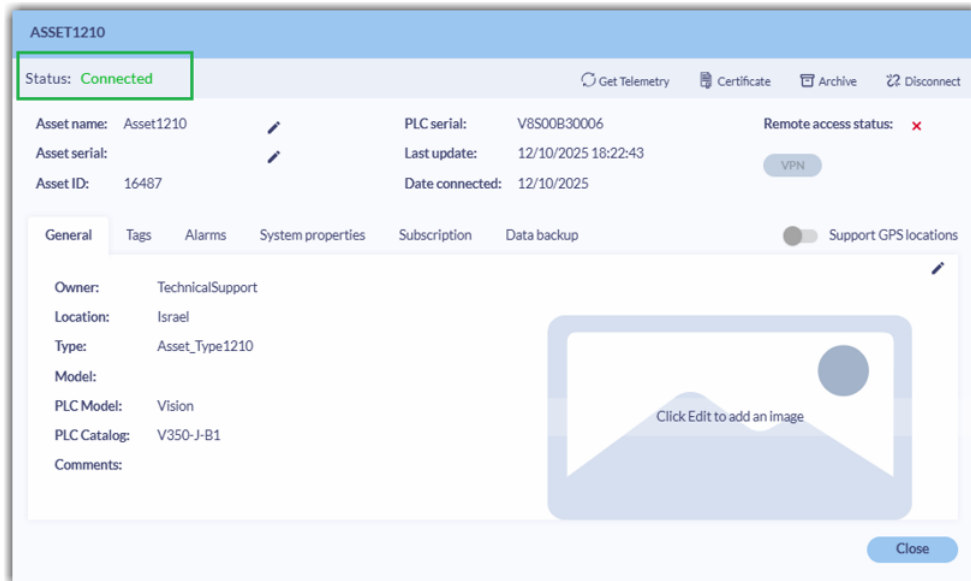
✅ **Your UNITRONICS ROUTER is now ready to communicate with UniCloud.**

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