



Teltonika SMS Notification Module User Manual

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Setup Guide for RUT956 with Teltonika SMS Notification Module for Ignition.

This module is intended for enabling SMS notifications on a Teltonika RUT 956 4G router from the Ignition SCADA package from Inductive Automation.

Compatibility

- Inductive Automation - Ignition 8.1.40+
- Teltonika - RUT956:
 - Firmware RUT9M_R_00.07.13.2+

Router Setup

1. Initial Hardware Setup

- Insert your SIM card into the router
- Connect all the GPS, Wifi and LTE antennas
- Power on the Teltonika RUT956
- Connect an Ethernet cable from your computer to the router

2. Basic Router Configuration

- Follow the Teltonika Quickstart Guide from the Teltonika website
- Configure the router Ethernet address to be compatible with your network
- Connect the router to your Ignition gateway via an Ethernet port

User Configuration for SMS Access

1. Access Router Settings

- Open a web browser and navigate to your router's IP address
- Log in using the credentials you created during the quickstart setup

2. Create a User Group with SMS Permissions

- Navigate to: System → Administration → User Settings
- Click on the System Users tab
- Scroll down to Add New Group
- Enter a group name (e.g., "ignitionsms") and click Add
- In the popup window:
 - Under the Write permissions, search for "messages" and select System > Messages
 - Repeat for Read permissions
 - Click Save and Apply

3. Create User for Ignition Access

- Scroll down to **Add User**
- Enter a username (e.g., "ignition")
- Create a secure password
- Select your new group (e.g., "ignitionsms") from the dropdown
- Click **Add**

Ignition Module Configuration

1. Install Ignition Module

- Install the Ignition SMS module through your Ignition gateway
- Accept the licensing agreement

2. Configure SMS Notifications

- Navigate to **Config** → **Notification** in the Ignition gateway web interface
- Click **Create New Alarm Notification Profile**
- Select "**Teltonika SMS**" and click **Next**
- Configure the profile:
 - Enter a profile name
 - Add an optional description
 - Select an audit profile if needed for notification logs
 - Enter the IP address or hostname of your Teltonika router
 - Enter the username and password you created (e.g., "ignition")
 - Optionally enable Two-Way SMS for alarm acknowledgment
- Click **Create New Alarm Notification Profile**

Verification

- Create an alarm pipeline in Ignition designer that utilises the Notification Block with your new notification profile selected.
- Save your pipeline and use the **Config** → **Notification** page in the gateway to navigate to "Test Alarm Pipelines" (Note that users need to have the "SMS" contact details filled out in the international format e.g. "+614xxxxxxx")
- Select your pipeline and click "Test" to send a test SMS to verify the system is working properly.
- Check that notifications are being properly delivered

Your SMS notification system is now ready to use with your Ignition gateway!