



Introduction

NRG Cloud is a web platform which includes support for managing SymphoniePRO Data Loggers. The following instructions describe the minimal configuration for a SymphoniePRO Data Logger to connect to NRG Cloud to enable the following features:

- Data storage and management
- Visualization
- Shared user access
- Remote configuration

Instructions

SymphoniePRO Logger

1. Connect to SymphoniePRO Logger with [SymphoniePRO Desktop application](#)
2. Configure SymphoniePRO Data Logger

The screenshot shows the NRG Cloud web interface for configuring a SymphoniePRO Data Logger. The interface is divided into several sections:

- Memory:** SD Card section showing a pie chart of storage usage: *.rld Files (11.5 MB), Other (34,757.3 MB), and Free (3,902 MB). Capacity is 38,671MB.
- Location:** Fields for Description (Hinesburg, VT), Latitude (44.5), Longitude (-73.2), Elevation (m) (134), and Time Zone (UTC-5:00). A checkbox for Lock Location is checked. Buttons for Load From Logger and Save To Logger are present.
- Data Retrieval:** Fields for Start and End dates. Data available from 2022-10-07 to 2022-10-21. A button for Retrieve By Date Range is present. Checkboxes for Do not retrieve files that already exist in raw data folder and Import files to site after retrieving are checked.
- Configuration:** Fields for Serial Number (820604310), Model (SymphoniePRO (820604310)), Ref Time (2022-10-21 11:00:30), Logger Time (2022-10-21 11:00:30), and Firmware Version (3.4.6).
- Security:** Fields for Data Encryption Password (Disabled) and Logger Access PIN (Disabled).

The 'Logger' icon in the left sidebar is highlighted with a yellow box. The 'Site' section is also highlighted with a yellow box, showing fields for Site Number (508), Description (Drc Eng Test 2), and Project (Cloud dev).

NOTE: Minimally, set Site Number



3. Configure Schedules tab to email

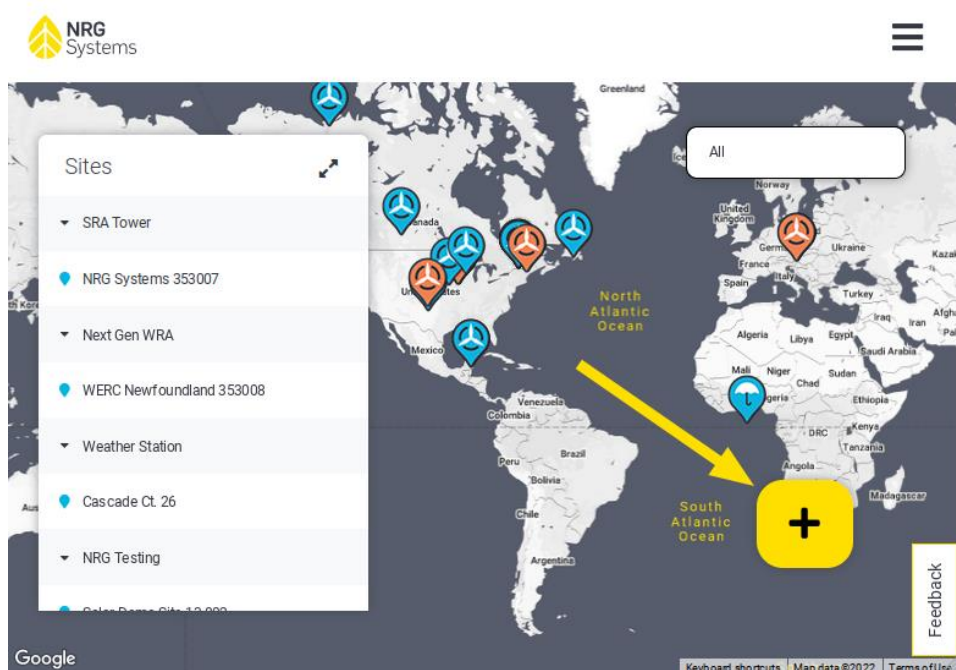
- a. Enable Diagnostic Check-In
 - b. SMTP settings (you will need to provide these, or contact NRG Sales for an NRGDatamail account)
 - c. Recipient's Email = cloud@nrgsystems.com
4. Save All Changes
 5. Retrieve the latest file from the Logger tab

Create NRG Cloud Site

1. Open a browser, navigate to <https://cloud.nrgsystems.com>
2. If necessary, complete the steps to sign up for a free account



- From the fleet view, click the + button to add a new site



- Drag and drop your RLD file, and follow the instructions to add the site

Enable Remote Configuration

During the Add Site process an Email Security Tag will be created. You may add this to the SymphoniePRO Logger’s recipient email address at any time to enable Remote Configuration.

Click the @ button to copy the full email address.

Security

Enable Remote Configuration ?

Security Tag

pg9wytdmefouaca4clgd

@ Not verified

Data Encryption Password

Logger Access PIN (Only digits allowed)

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Create



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Once the logger is configured with the Email Security tag, it will be verified on Diagnostic Check-In and Remote Configuration features will be enabled.

Share Site

From the Site Breadcrumbs, navigate to Users, click Add User.

Enter the email address of the new user, and choose the appropriate role (see tooltip for more information)

If the new user is already registered in NRG Cloud they will now see it in their fleet. If not, they will receive an email notification to complete the sign-up process.

