NRG Data Transport Service

User Configuration Instructions

Authors:
Technical Services

© NRG Systems
110 Riggs Road
Hinesburg VT 05461 USA
Tel: 802-482-2255
Fax: 802-482-2272
sales@nrgsystems.com
support@nrgsystems.com
www.nrgsystems.com

NRG_DataTransportService_User_Instructions
Rev. 1.0
INTRODUCTION

Being able to reliably receive data from your SymphoniePRO logger is paramount to a successful site installation. NRG has developed the Data Transport Service in order to better facilitate this process.

The following instructions indicate how to set up and use NRG’s Data Transport Service. The logger configuration piece is required for any Transport Method, however, one or more Transport Methods may then be used in conjunction based on your preferences and requirements.

Enrolling in Transport Service

To enroll in transport service, contact your Sales Representative at NRG Systems, or NRG Technical Support.

Terms and Conditions do apply, and the service is protected by the NRG User Agreement.
LOGGER CONFIGURATION

Once subscribed to the service, you will get an email address to receive all data emails from your SymphoniePRO Data Loggers. Be sure to set the following values:

**Email Schedule**

- **Frequency**: Daily
- **Time (Logger Local)**: 00:00
- **SMTP Server**: nrgdatamail.com
- **SMTP Port**: 587
- **User Name**: mysend@nrgdatamail.com
- **Password**: ********
- **Sender’s Email**: mysend@nrgdatamail.com
- **Sender’s Name**: SymphoniePRO Data
- **Recipient’s Email**: [your-email]@nrgdatamail.com
- **Recipient’s Name**: NRG Transport Service
- **CC Email**: Enter email address
- **CC Email 2**: Enter email address
- **Subject Line**: Site 123456 Data

**NOTE:** If you require an email account for sending emails as well one may be provided (fees may apply).
TRANSPORT METHOD: FTP / SFTP / FTPS

Configuration information for NRG Systems
NRG Technical Services will need the following information to configure over FTP:

<table>
<thead>
<tr>
<th><strong>Host</strong></th>
<th>IP address or domain name of FTP server</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Username</strong></td>
<td>The username for accessing the FTP server</td>
</tr>
<tr>
<td><strong>Password</strong></td>
<td>Password for username</td>
</tr>
<tr>
<td><strong>Port number(s)</strong></td>
<td>The port(s) on which the FTP server is listening</td>
</tr>
<tr>
<td><strong>Folder</strong></td>
<td>The root folder to store data in</td>
</tr>
<tr>
<td><strong>Use site folders</strong></td>
<td>Store files in separate site folders? (yes/no)</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>The type of FTP connection (FTP/SFTP/FTPS)</td>
</tr>
</tbody>
</table>

*NOTE: If you require an SFTP account for transferring data, one may be provided by NRG Systems.*

Data will be stored with the above credentials for access by the end user.
TRANSPORT METHOD: SHAREPOINT

Configure your SharePoint site for apps with the following instructions set. Once configured, send the following to NRG Systems Technical Support to complete the data pipeline:

<table>
<thead>
<tr>
<th>Tenant site address</th>
<th>https://[tenant].sharepoint.com</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site name</td>
<td>https://[tenant].sharepoint.com/sites/[site_name]</td>
</tr>
<tr>
<td>Folder name</td>
<td>[sub folder to store data on site]</td>
</tr>
<tr>
<td>Client ID</td>
<td></td>
</tr>
<tr>
<td>Client Secret</td>
<td></td>
</tr>
</tbody>
</table>

Generate the client id and secret

1. Navigate to https://[tenant].sharepoint.com/sites/[site_name]/_layouts/15/appregnew.aspx
2. Generate a client_id and client_secret

   copy these and

3. Enter the following and click create

<table>
<thead>
<tr>
<th>Title</th>
<th>NRG Data Service</th>
<th>Sharepoint Upload</th>
</tr>
</thead>
<tbody>
<tr>
<td>App Domain</td>
<td><a href="http://www.nrgdatamail.com">www.nrgdatamail.com</a></td>
<td></td>
</tr>
<tr>
<td>Redirect URL</td>
<td><a href="https://www.nrgdatamail.com">https://www.nrgdatamail.com</a></td>
<td></td>
</tr>
</tbody>
</table>

Give the app permissions on the site

4. Navigate to https://[tenant].sharepoint.com/sites/[site_name]/_layouts/15/AppInv.aspx
5. Enter the client_id from above in the "App Id" field and click Lookup
6. Add the following XML to the permissions field, and click Create

   <AppPermissionRequests AllowAppOnlyPolicy="true">
   <AppPermissionRequest Scope="http://sharepoint/content/sitecollection/web" Right="FullControl" />
   </AppPermissionRequests>