See topics

General enhancements (drives and rotating equipment)........................................................................................................2
  New way of adding or removing parameters in trend charts.................................................................................................2

Enhancements for reports .........................................................................................................................................................3
  Filter reports based on report status.....................................................................................................................................3
  New column for asset name in the reports page......................................................................................................................3
  Generate instant report from asset details page....................................................................................................................3
  View reports for an asset.........................................................................................................................................................4

Enhancements for drives............................................................................................................................................................5
  Extended list of monitoring parameters for ACS800 drives .................................................................................................5
  Extended list of monitoring parameters for ACS880 drives.................................................................................................5
  ACS880 wind turbine converters onboarded .......................................................................................................................5
  Enhanced default datalogger settings for DDCS drives........................................................................................................5
  Transient logger for LCI drives supports zip format...........................................................................................................5
Note: In this document, ABB Ability™ Digital Powertrain portal will be referred as “Powertrain portal”.

General enhancements (drives and rotating equipment)

New way of adding or removing parameters in trend charts

In the powertrain portal, it is more user-friendly to add or remove selected parameters or signals for monitoring. You can click in the signal list area or on the checkbox to add or remove the signals. The function is applicable in the Trends tab of following main tabs: Detailed information, Cross-asset analysis, and Event log.

Cross-asset analysis:

Operational parameters:
Enhancements for reports

Filter reports based on report status
In the Powertrain portal, the reports list includes the option to filter reports based on the report status.

New column for asset name in the reports page
In the Powertrain portal, the reports list includes a new column for Asset name.

Generate instant report from asset details page
In the Powertrain portal, you can generate an instant report from the asset details page.
View reports for an asset
In the Powertrain portal, under asset details page you can view all reports for the particular asset.
Enhancements for drives

Extended list of monitoring parameters for ACS800 drives
In Powertrain portal, the following ACS800 drives monitoring parameters are extended.

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Software name</th>
<th>Loading package</th>
<th>Firmware name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS800</td>
<td>ACS800 standard control program</td>
<td>ASXR</td>
<td>ASXR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AS7R</td>
<td>AS7R</td>
</tr>
<tr>
<td></td>
<td>ACS800 IGBT supply control program</td>
<td>IXXR</td>
<td>IXXR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ILXR</td>
<td>ILXR</td>
</tr>
</tbody>
</table>

Extended list of monitoring parameters for ACS880 drives
In Powertrain portal, the following ACS880 drives monitoring parameters are extended.

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Software name</th>
<th>Loading package</th>
<th>Firmware name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS880</td>
<td>ACS880 primary control program</td>
<td>AINL</td>
<td>AINL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AINF</td>
<td>AINF</td>
</tr>
<tr>
<td></td>
<td>ACS880 IGBT supply control program</td>
<td>AISL</td>
<td>AISL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ALHL</td>
<td>ALHL</td>
</tr>
</tbody>
</table>

ACS880 wind turbine converters onboarded
In Powertrain portal, the following UCU based ACS880 wind turbine converters are onboarded.

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Software name</th>
<th>Loading package</th>
<th>Firmware name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS880</td>
<td>ACS880 wind control software</td>
<td>WGSLU</td>
<td>WGSLU_1v4.00.58.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>WGSLU_2v4.00.58.0</td>
</tr>
<tr>
<td>ACS880</td>
<td>ACS880 wind control software</td>
<td>WGMLU</td>
<td>WGMLU v4.00.58.0</td>
</tr>
</tbody>
</table>

Enhanced default datalogger settings for DDCS drives
In Powertrain portal, the default datalogger settings (e.g. channels, sampling time, pre-trigger time, triggering conditions, etc.) are defined for each software of following DDCS drives onboarded to cloud.

Low-voltage drives: ACS800
Medium-voltage drives: ACS1000, ACS2000, ACS5000, ACS6000, ACS6000C
DC drives: DCS800

Transient logger for LCI drives supports zip format
In Powertrain portal, the NETA-21 remote monitoring device connected to LCI drives can send the transient recordings in .csv or zip formats.