ABB Ability™ Condition Monitoring for drives
Release note 4.1.3

What’s new?

AC880 and ACS800 drives support

The table shows the supported drive types and the applicable software name and package:

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Software name</th>
<th>Software package</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS880</td>
<td>AS880 Diode supply control program</td>
<td>ADIL2, ADILB (Applicable for BCU-xx based DSU only)</td>
</tr>
<tr>
<td>ACS880</td>
<td>ACS880 Test bench control program (+N5300)</td>
<td>ATBL</td>
</tr>
<tr>
<td>ACS800</td>
<td>ACS800 FCB Application program template</td>
<td>ATXR</td>
</tr>
</tbody>
</table>

The following features are applicable for monitoring the drives: Condition indices, line trends, histograms, scatter plots, event list, change parameter list, parameter backup, user limits, email alerts, rename drive, generate report, and expert report.

Notes

- The calculations for remaining lifetime data are updated in the Condition-Based Maintenance:
  - The average prediction curve is calculated using all remotely collected data, previously this used the first 30 days data. The data is used to estimate the component replacement data and to improve the lifetime estimate. The changes in the drive stresses affect only the actual aging curve and does not change the slope of the extrapolated average prediction curve.
  - Improvement made to Lifetime estimates for low output frequency and high load applications, this is now frequently updated with field failure data and accelerated life testing.
- Cumulative energy consumption is not based on direct measurement of power/energy. It is calculated from measured current and estimated voltage and is therefore an estimation of power/energy as the drive is not an energy measurement device.
- Use the latest version of Google Chrome browser for a better user interface experience.
- Features availability in Condition Monitoring for drives portal is based on the users contract.