Remote Condition Monitoring Customer Portal

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Landing page – myabb RCM

Remote Condition Monitoring service for drives ⚙

Condition indexes for your drives

Electronic components have a thermo-mechanical aging mechanism related to temperature cycling. In a drive, temperature cycling is induced by ambient temperature variation and temperature rise caused by the loading of the drive. Combined effect of both ambient and load variation to the drive aging is shown in the Stress index.

My installations

Hovering mouse over any index bar triggers text explanations

Indices show overview of your whole RCM drives installed base over 3 different dimensions. Overview updates automatically on frequent basis.

Click here to access your RCM product list

Navigate from overview view to drive list view
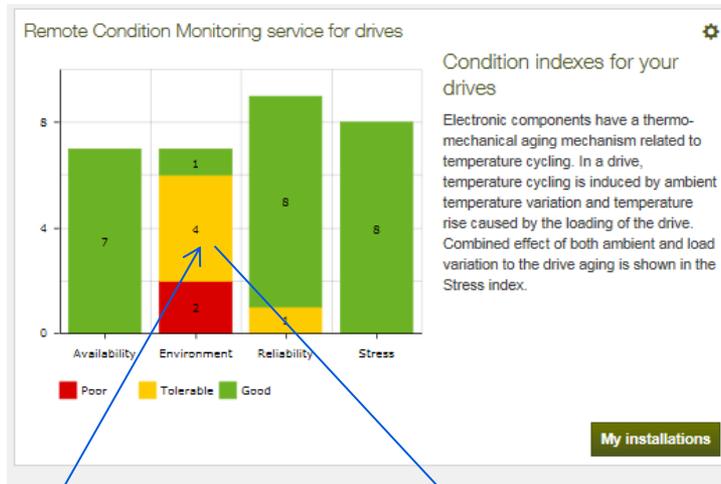
Click any sector in indexes to access subset drives that all share the same condition level.

Clicking yellow environment index area leads user to installation list that show details of all the drives that share same condition. In this example common criteria is; ambient temperature=tolerable.

RCM - Installation list

RCM products distinquished with condition light. Click on the condition text to filter up products with RCM connection.

Click any product to proceed

Color explanation. Green = OK , Yellow= drive in alert mode, Red = drive in fault mode

Live KPI – dashboard view

Dashboard shows latest drive status from KPI perspective. Each trend show min, max, average over latest up to 5 days with 5 minute plotting interval.

Condition indexes show installation status over 4 Dimensions. Hover the mouse over the index to see text explanation appear.

Index color options are green, yellow and red. Index status updates automatically.

Zoom can be used to widen & narrowing the time frame

Other RCM features (reports, email alerts) can be accessed here

Use left and right side arrows to navigate trend backwards or forwards.

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Cooling fan wear indicator for ACS880

Remote Condition Monitoring for This S/N belongs to ACS880 rcm tests
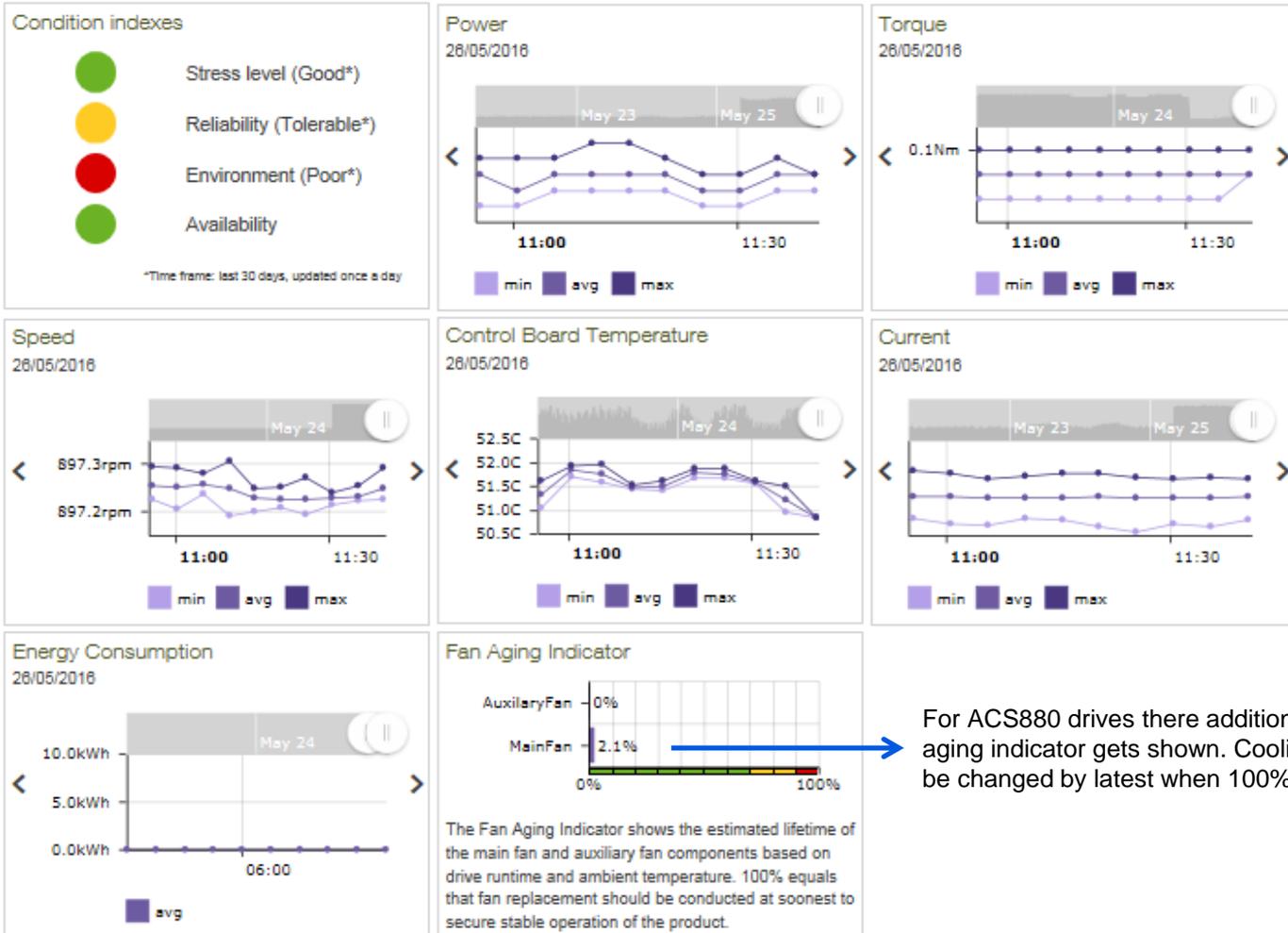
For ACS880 drives there additional feature: fan aging indicator gets shown. Cooling fan should be changed by latest when 100% is reached.

Live KPI – Details View

Choose time parameters. System uses default time zone fetched from PC Operating System. If unavailable, system uses UTC by default.

Hover over to see exact datapoint info
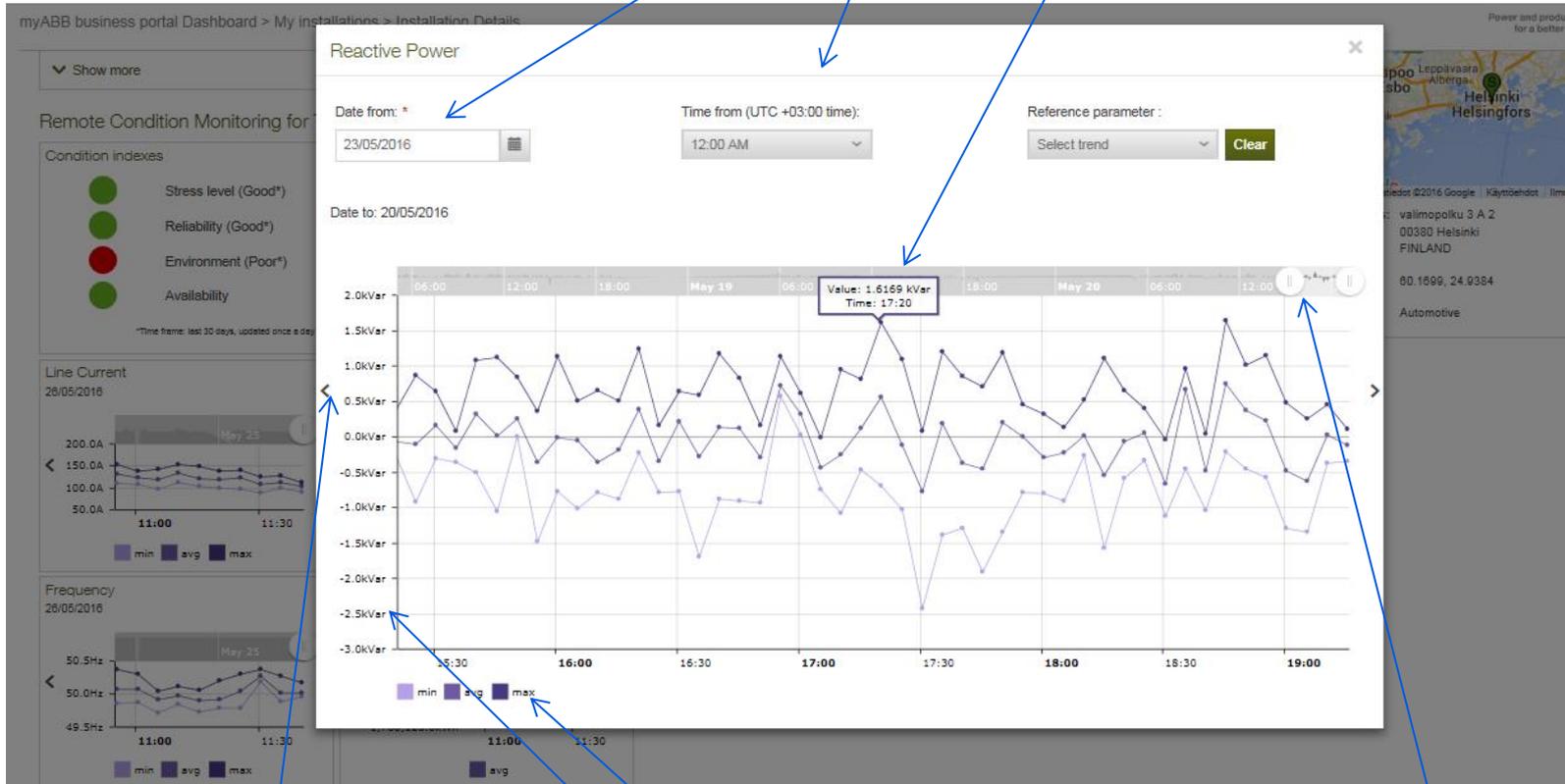
Arrow buttons to navigate along the trend.

Zoom along the trend to Widen/narrowing visible data set

Activate / disactivate trends by preferrence (max, min & average trends are provided)

Dynamic scaling for y axle

Live KPI – Trend Comparison mode

List of available trends for comparison is populated by the web service
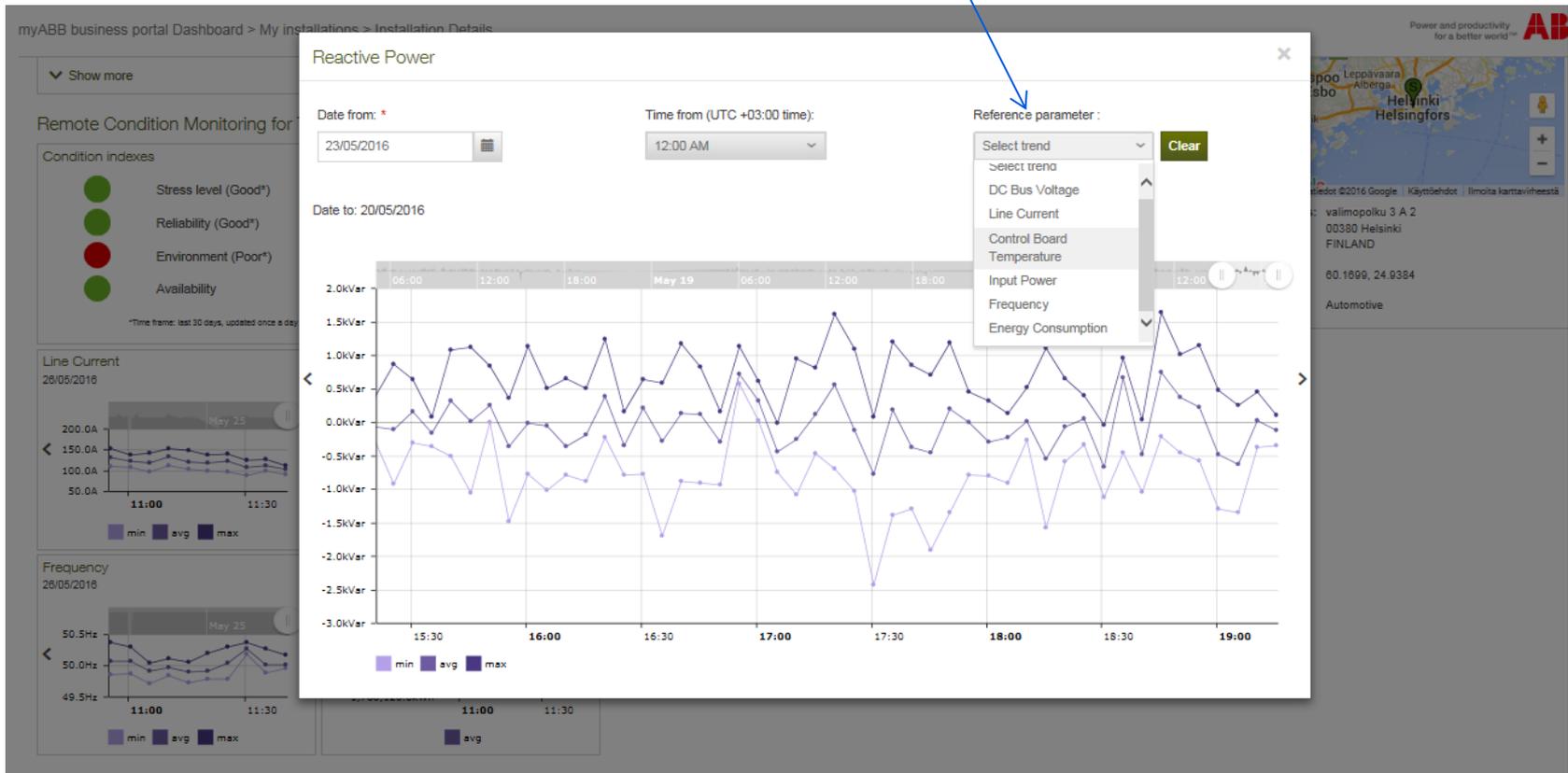
Live KPI – comparison mode

Activate / disactivate trends
as per required.

RCM Report history

Generate custom report

Recommended Services +	Service History +	Spare Parts +	Related Documents +	Service Agreements +	Available Trainings +	Remote Condition Monitoring −

RCM report   Email Subscription

Custom report

Report Name ⇕	Report Creator ⇕	Date ⇕	Language ⇕
⬇ ABB GISL-Z142370008_(2016-04-30_21-00-00)_(2016-05-12_21-30-00)	rcmtestaaja@gmail.com	13/05/2016	EN
⬇ ABB GISL-Z142370008_(2016-04-30_21-00-00)_(2016-05-12_21-30-00)	rcmtestaaja@gmail.com	13/05/2016	EN
⬇ ABB GISL-Z142370008_(2015-02-03_01-00-00)_(2015-02-12_01-00-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2015-02-03_01-00-00)_(2015-02-12_01-00-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2015-02-02_01-00-00)_(2015-02-11_01-00-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2015-02-01_01-00-00)_(2015-02-10_01-00-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2014-12-31_22-00-00)_(2015-01-30_22-30-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2016-04-30_22-00-00)_(2016-05-04_22-30-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2016-04-30_22-00-00)_(2016-05-04_22-30-00)	jarkko.pukkila@fi.abb.com	05/05/2016	EN
⬇ ABB GISL-Z142370008_(2016-04-30_22-00-00)_(2016-05-04_22-30-00)	mcp.customer@gmail.com	05/05/2016	EN

← **1** 2 →

Double-click to open .pdf report.
Loading & opening pdf should take <10 sec.

Browse report history

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Generate new report

Select date and time.
Note! Your local lime zone is **automatically fetched from** your PC operating System. If this is not possible, by default time zone is in UTC.
Note 2: max duration from-to timespan for report is 3 months

Select language for report

Select report chapters.

Custom report ✕

d > My installations > Installation Details

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Date from: *   Date to: *

01/05/2016   26/05/2016

Time from (UTC +03:00 time):   Time to (UTC +03:00 time):   Language:

12:00 AM   12:30 AM   English

Report sections:

● Full Report

○ Availability

○ Fault & Warning

○ Drive Condition

○ Running Profile

○ Temperature

Generate

			Date ⇕	Language ⇕
6-04-30_21-00-00)_(2016-05-12_21-30-00)			13/05/2016	EN
6-04-30_21-00-00)_(2016-05-12_21-30-00)			13/05/2016	EN
5-02-03_01-00-00)_(2015-02-12_01-00-00)	jarkko.pukkila@fi.abb.com		05/05/2016	EN
5-02-03_01-00-00)_(2015-02-12_01-00-00)	jarkko.pukkila@fi.abb.com		05/05/2016	EN
5-02-02_01-00-00)_(2015-02-11_01-00-00)	jarkko.pukkila@fi.abb.com		05/05/2016	EN
5-02-01_01-00-00)_(2015-02-10_01-00-00)	jarkko.pukkila@fi.abb.com		05/05/2016	EN

Generates report

All produced reports will appear in report history list

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Subscribe for email alerts

Recommended Services	Service History	Spare Parts	Related Documents	Service Agreements	Available Trainings	Remote Condition Monitoring
+	+	+	+	+	+	–

RCM report   **Email Subscription**

Subscribe for email notifications about drive events

Select one or many criteria about which events you want to receive email

Selection	Event description
☐	Drive encountered a fault
☐	Drive encountered a warning
☐	Drive performance is limited due to reaching internal limit or other reason
☐	Drive parameters have been changed
☐	Receive notification if control board temperature exceeds `10` Celcius level
☐	Receive notification if IGBT temperature exceeds `10` Celcius level
☐	Receive notification if cooling air temperature exceeds `0` Celcius level

Save
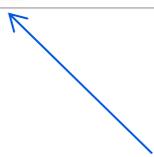
Check in one or many thresholds based on the criteria you want to receive email alerts about

Temperature threshold setting accepts numerical values

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