



Power Quality Performance Module

Improve your power quality for greater plant reliability and efficiency

The Power Quality Performance Module helps you understand and reduce the impact of power quality on your business, identify power quality status and leverage power quality asset management.

Simple identification of power quality status

- Quickly see your facility's power quality status in a single dashboard
- Simply identify the rating of your facility's electrical health with the main contributors
- Easy-to-identify color code indicators to help you to quickly focus on the most urgent issues
- Get the first level of root cause analysis within three clicks

Protect your assets

- Identify the origin and number of events that are impacting your equipment
- Monitor the impact of your actions following the evolution of your facility's electrical health
- Leverage pro-active maintenance with color coded warnings that allow you to identify issues early and reduce business risks

Identify how power quality is impacting your business

- Determine the origin, estimated downtime and revenue losses due to power quality events
- Identify how much the grid is impacting your business and produce a simple report that can be used to negotiate with your utility
- Monitor the impact of power factor surcharges on your energy bill
- Use our analytical dashboard to decrease costs related to Power Quality and increase your production uptime

up to **40%**

of unplanned industry segment outages caused by power quality disturbances

(European Copper Institute 2012)

4%

of lost annual revenue in the industry segment can be attributed to power quality issues

(European Copper Institute 2012)

Power Quality Performance Module Features

Dashboards

1. Easy-to-understand business impacts of your power quality
2. Overview dashboard provides a comprehensive and simple overview of the power quality within your facility
3. Simple color codes provide the status of each event, disturbance and correction equipment
4. Guided root cause analysis drills down in just a few clicks to see what issues are happening and where
5. Determine where maintenance activities are needed with warnings and equipment diagrams that provide operating status and maintenance warnings of your asset

Reports

1. Detailed information and analysis on downtime and estimated costs in easy to read reports that can be used to negotiate with your facility
2. Pinpoint focus areas for improving plant reliability

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Operation	Magnitude	Timestamp	Node	Classification	Impact	Severity	Worst Phase	Location
0,0000	49,893	09/01/2016 01:45:44,340	Victoria_Kasting_main_7650	Seg	Yes	4,626	V1	Internal
0,0000	50,800	09/01/2016 01:46:44,322	Victoria_Kasting_PRL_K	Seg	Yes	4,150	V1	Internal
0,350000	63,462	03/01/2016 14:57:57,663	CH.4050T_B4_247	Seg	Yes	12,798	V3	Undetermined
0,054000	49,838	04/01/2016 08:46:48,913	CH.4050T_B4_247	Seg	Yes	1,733	V2	Undetermined
0,475000	43,493	02/01/2016 12:04:58,148	PQ.82	Seg	Yes	83,348	V1	External
1,675000	73,362	02/01/2016 09:53:45,924	PQ.82	Seg	Yes	44,569	V1	External
0,134000	51,442	21/12/2015 13:00:08,001	CH.4050T_B4_247	Seg	Yes	6,307	V2	Undetermined

Power Quality Performance Module available for Power Monitoring Expert and Power SCADA Operation

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