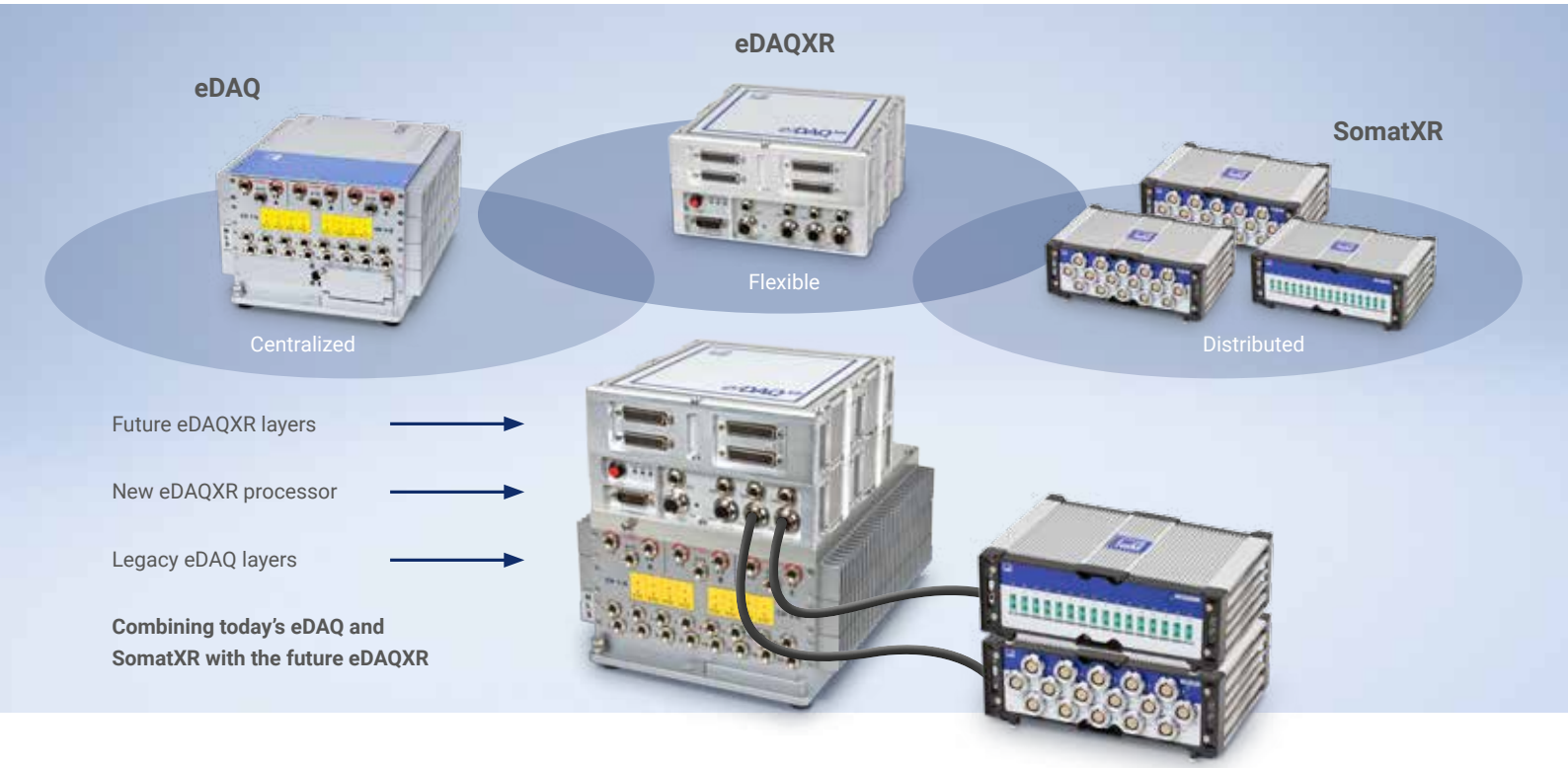
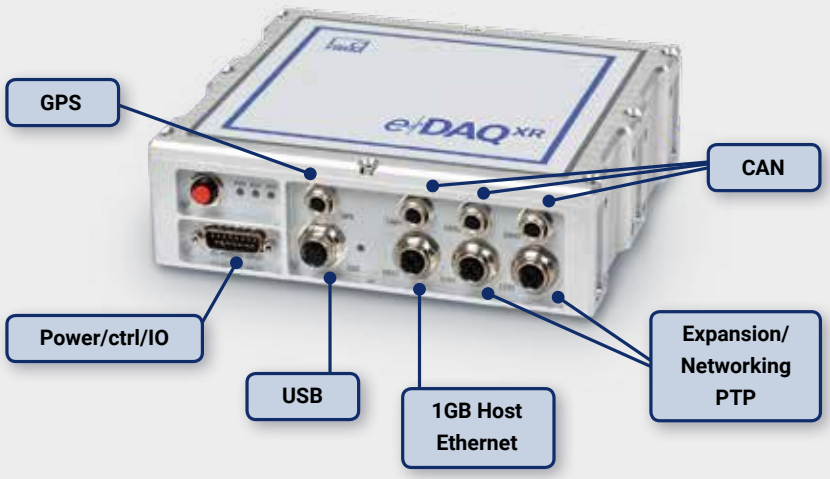
eDAQXR: The Next Generation



The vision for the eDAQXR was to develop a new data acquisition system that protects the investment our eDAQ customers have made over the years, while providing a migration path to the future. The result is a system that can be centralized and/or distributed, and offers powerful web-based software for configuring and running a test.

The first step in the migration is the release of a new processor, the EXRCPU. The processor is the hub that makes it possible to connect legacy eDAQ layers with future eDAQXR signal conditioning layers, as well as connect to SomatXR modules with two expansion Ethernet PTP ports. As mentioned above, the software is running on the eDAQXR web server, so there is no software to install on your PC. All you need is a web browser to run the software. This can be a PC, a tablet, or even a phone.



- 8 - 36V operating power
- -40 - 80 deg. C operating temp
- Protect your current eDAQ investment
  – Signal conditioning layers
- 1-10+ SomatXR modules synchronized via Ethernet PTP
- Migration path to future generation system
- 34% smaller system footprint than eDAQ (with fins)
- Networking multiple systems
  – Plug and Play-one SIE file
- Data file remains SIE, so retain analysis process
- Powerful processor – improved throughput

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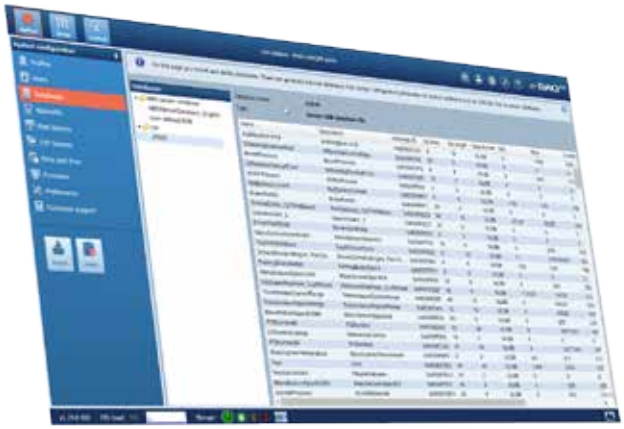
NEW Powerful and Versatile Software!

Over the years, we have listened to our customers' feedback, and with that feedback have come up with an interface that is easy for our eDAQ customers to transition to. The software provides powerful capabilities like sensor databases, CAN .dbc, Excel support, and versatile real time display panels, just to name a few.

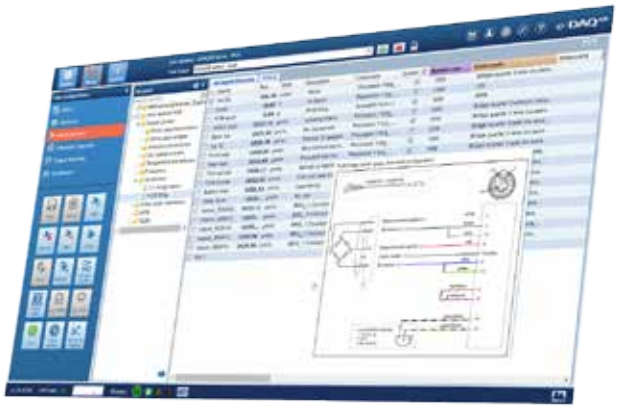


System view:

- Create unique user profiles and logins
- Multiple users can be logged in at once
- Customize and import sensor databases
- Import CAN .dbc and/or .txt files
- Setup email server to be notified of test conditions
- Setup FTP server to automate data upload of previous .SIE file while another test is running

Setup view:

- Spreadsheet view for setting up and editing channel information
- Live digital readings of all channels before test run
- Excel support (limited in initial release)
- Add channels from sensor databases (drag and drop)
- Easily search, sort, group channels
- Powerful onboard computed channels
- Different sample rates in same datamode
- Automatically logs all channels, without needing to set up datamode



Control view:

- Configure real time displays the way you want
- Strip charts
- Overlay plots
- Spectrum view – FFT
- Min/Max tracking
- Alarm and warning if user defined limits exceeded
- Multiple tabs
- Multiple users can view different tabs at the same time