# A new era in variable speed drive parameter setting, supervision and diagnostic

**Industry 4.0** enables the implementation of flexible factories as well as integrating substainable development. These factories need to be safe and allow energy savings using smart drive systems. These systems will exchange information and trigger different actions. They will also provide high efficiency and easy commissioning.

**Powerdrive MD2,** high power drives featuring a new HMI and a secured Bluetooth connection, combined with Systemiz, offer more interactivity, customization, monitoring and diagnostic processes.

**Systemiz**, a unique application offering multiple services supporting our ranges of smart motors and drives. Pairing and settings become simple & intuitive and the access to all related product documentation is instantaneous.

Our solutions provide you with greater responsiveness, remote or on-site self-diagnostic capability, and easier integration within your systems.

**Systemiz** is compatible with all iOS, Android, Windows PC platforms, and with the new 7" HMI installed on the drive's front panel.

## Product library

- Product identification by QR or digital code
- Direct access to all product documentation (brochures, instructions, manuals, certificates, etc.)

## Drive user interface

- Simplified, intuitive and interactive drive settings
- Motor parameters (electrical characteristics and options) supplied automatically by the QR code (or numeric code)
- Fully configurable operator interface
- Outstanding innovative diagnostic tools

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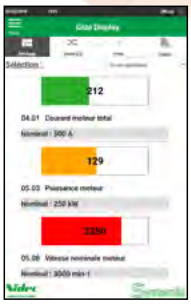
# Systemiz
# A modern drive interface accessible to all



### Intuitive and interactive settings
- Initial commissioning wizard based on application-oriented interactive questionnaire
- Clear menu organization and browsing adapted to non-drive specialists

### Simplified Motor-Drive pairing
- Electrical data and motor options filled in automatically using QR code
- When QR code is not available, a setting wizard based on motor technology will help going through

### Fully customizable operator interface
- Total flexibility for the parameters to display: number, size or format
- Possibility of generating several interfaces selectable by scrolling list

### Smart alarm
- Notification of operating parameter deviation
- Alarm or trip settings each combining up to 5 simultaneous conditions

### Innovative diagnostic tools
- Time-stamped logging of the last 100 events (Start/Stop, alarms, trips)
- For each of the last 10 trips, indication of the most probable root cause and graphs of the main operating parameters before tripping

## Powerdrive MD2: a comprehensive range of high power drives

### IP00 frame for drive cabinet integration

- Designed for **all types of architecture**
- **Air** or **liquid** cooled frames available
- **Single frames up to 500kW** with parallelisation for higher power levels
- Mains **380V -10% to 480V +10%** and **500V -10% to 690V +10%**
- Modular design for **easy access to all components in a few minutes**

### Ready-to-use solutions

- Standard **ready-to-use** solutions or **designed based on specifications**
- **IP21** or **IP54**
- **Air** or **liquid** cooling
- ***Express* availability service in 5 days** up to **500kW** for 400V 6-pulse drive with standard combination options

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