

## PRESS RELEASE

# REGUL R500: FAST, REDUNDANT PLC FOR CRITICAL APPLICATIONS

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GP Systems GmbH invites you to visit our booth at SPS IPC Drives, held in Nürnberg from November 28–30, 2017, to see and try out our new line of PLCs for critical and high-availability applications.

We will be presenting solutions for fault-tolerant I&C and distributed control systems, based on the REGUL R500 PLC, for industries requiring high availability and speed of operations.

The R500 series is a redundant, modular, fast controller for high-availability and mission-critical applications. The PLC controls equipment operating modes and manages a company's technological equipment according to defined algorithms. The R500 can operate as a standalone system or as a part of a distributed control system.

The REGUL R500 offers:

- Minimum task cycle of just 1 ms; switchover from main to backup CPU in 5 ms
- Redundant configuration of every PLC component (CPU, I/O modules, power supplies)
- Operation on a redundant, high-speed internal bus
- Local data storage inside I/O modules
- Hot-swapping of every PLC module, including bus modules and sub-rack extension modules
- Long (6-year) calibration interval

The REGUL R500 can be part of:

- Fiscal energy-metering systems with high-accuracy (0.025%) analog measurement modules
- Redundant systems with a high speed of operation
- Industrial gateways for I&C systems

The R500 series is already used in oil and gas applications and in nuclear power stations.

We would be glad to meet you and answer all your questions during SPS IPC Drives; our booth is #8-603 in Hall 8 and will be open from November 28–30.

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Website: <https://automation.gp-systems.com>

YouTube channel: <http://bit.ly/2AsewLs>

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