

Remote Modular Controller RMC-100

Unmatched scalability and functionality

A single RMC-100 controller is capable of managing automation, liquids and gas measurement, and asset data concentration for very large production and transmission facilities. Even so, the controller may still scale down to a single-board RTU footprint for smaller systems. There is no other platform in the industry with such a wide dynamic range. This frees you, the end user, OEM partner or integrator from uncertainty about having to choose a closed-ended model of a product family, hoping it will remain relevant for your assets many years into the future.



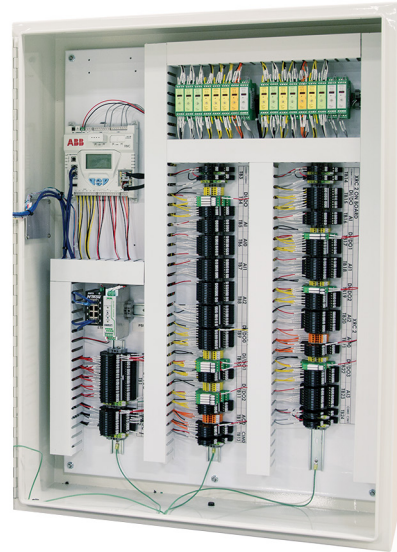
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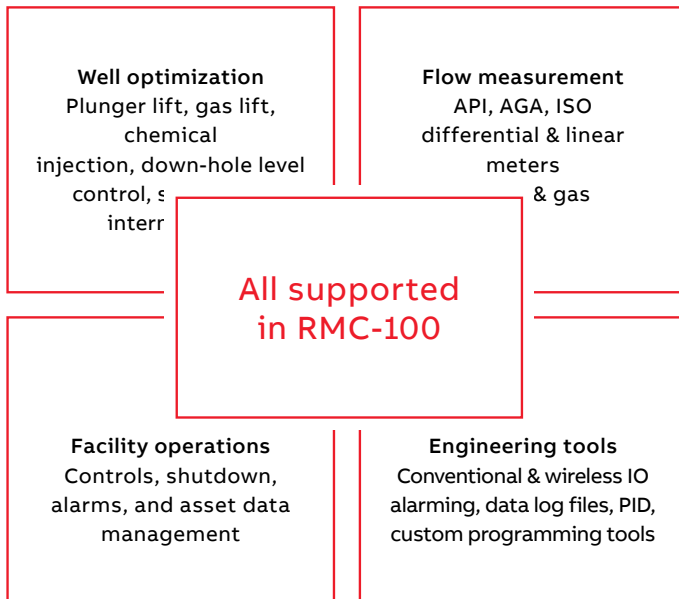
The RMC-100 is a new class of controller with backward compatible functionality based on ABB Totalflow software, communications and IO technologies. The RMC-100 is the first in a series of major upcoming steps into a next generation platform. Existing end user knowledge base, work processes and benefits are nimbly brought forward.

RMC-100 controller features

- DIN rail mount
- 9 to 30Vdc
- 300MHz or 720Mhz purchase option
- Two port Ethernet switch
- Onboard IO (4XAI, 6XDI/DO, 2XPI, 1XAO)
- 2XTFIO busses (up to 44 TFIO modules)
- 2XCommunications module ports RS232, RS485, RS422 software configurable
- Backward compatible with Totalflow G4 XSeries software applications and protocol suite



Software elements within controller



Horsepower example: 24 well PAD

- 72 API compliant measurement applications
- 24 artificial lift wellhead applications
- Multi-zone shutdown and control logic
- Commensurate general purpose and protocol based IO