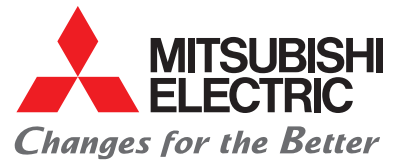




for a greener tomorrow



You wouldn't believe the things we do in the Water Industry...



Complete automation solutions from a single source

...simply everything!

Life cycle management

Savings between 25% and 50% and less engineering effort through:

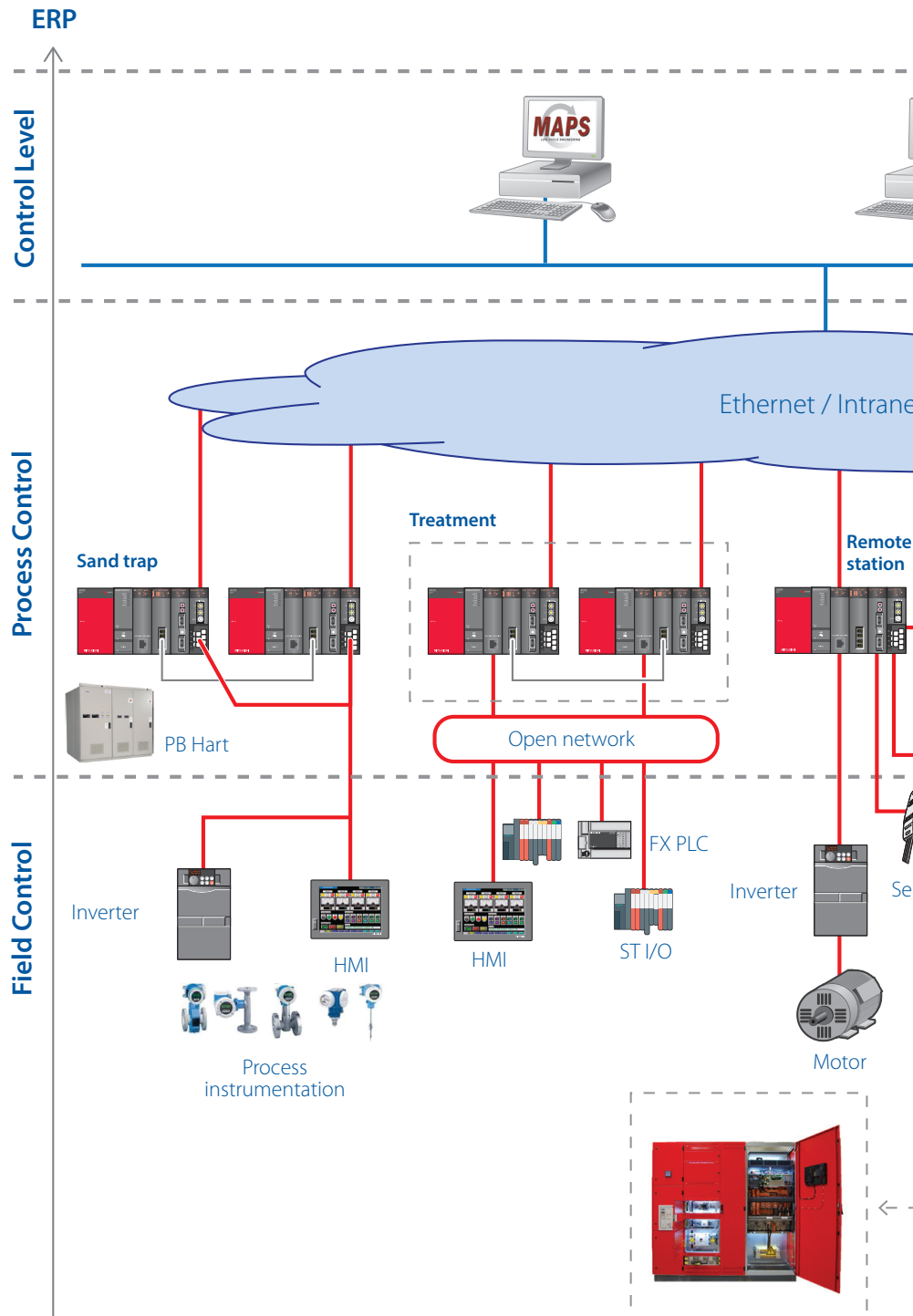
- Scalable and flexible system architectures
- Seamless integration into existing architectures
- Process control solutions from SCADA to fully integrated DCS systems
- Condition Monitoring: Intelligent real-time monitoring of processes for up to 30% reduction in maintenance costs
- Network options include all common open network standards including CC-Link IE Control and CC-Link IE Field high performance networks (1GB)
- Backwards compatibility

Energy management

With energy costs rising, we can help you to maximize savings and efficiency.

Active energy management:

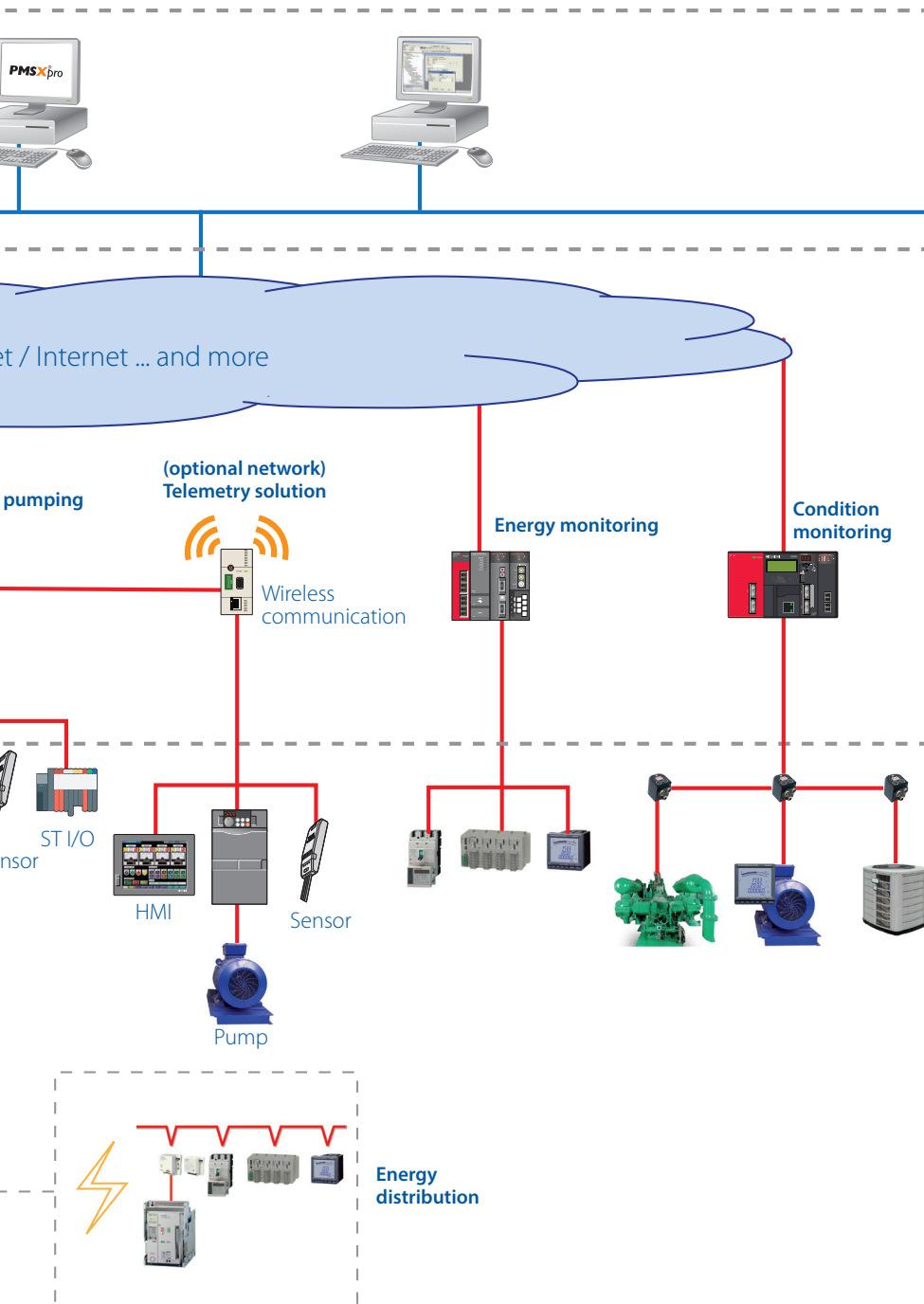
- Scalable solutions from energy audits, over peak load management through to Overall Equipment Effectiveness (OEE)
- Class leading drives (from low to medium voltage)
- Integrated regenerative braking systems
- Optimum excitation control for additional energy savings up to 15%
- Intelligent power off function
- Class leading LVS line-up for power distribution and monitoring
- Full energy reporting available in MAPS SCADA



"Mitsubishi's 'out-of-the-box' usability was a major contributor to the success of the project"

Paul Abbott Lead Control System Engineer PJA Control Systems Ltd. System Integrator to Water Treatment Works

Completely integrated automation solutions



Data transparency

To collect the actual data required, turn it into information and present it to the right people at the right time.

- Remote plant control and data access over large distances via smartRTU
- Enhanced data logging function
- High integrity systems: cyber security as core design basis

Water quality and plant security

We pride ourselves on the fact that our products and solutions offer:

- Redundant systems for highest reliability (multiple levels of redundancy)
- High quality – the only DCSTÜV certified to strictest VGB R170 A, B and C standard
- MAPS SCADA: architecture and product are future proof. Your plant will run 24x7x365
- Robust hardware even under rough environmental conditions >>> long asset life
- Solutions for leakage reduction and intelligent pressure control
- Retrofits under running operation
- Best-in-class technologies (proved by benchmark tests), best-in-class MTBF rates >>> Low risk of failure increases the profitability!

“It was easy to create the network systems and it has very powerful and unique features”

Jean Petersen PRO/Automatic





Global service and support

As with any activity, maintaining the quality and operational function of your equipment is essential. Downtime from any operational failure is never good news. In today's tough business conditions returning to full production as soon as possible is critical. At Mitsubishi Electric we aim to deliver industry leading levels of service and support that will provide cost savings, improved machine availability and system uptime to our customers and minimise implementation risk.

We provide a professional on-site service through our System Service Team and Service Agent network and offer a tailored range of service contracts for single and multi-site companies, on an annual or project basis called our 3 Diamond Service.

- Dedicated technical support
- 24/7 on site engineer call-out availability
- Annual maintenance visits
- Extended warranty
- Technical manual library
- Multi-vendor product support
- Commissioning service
- Repair services

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