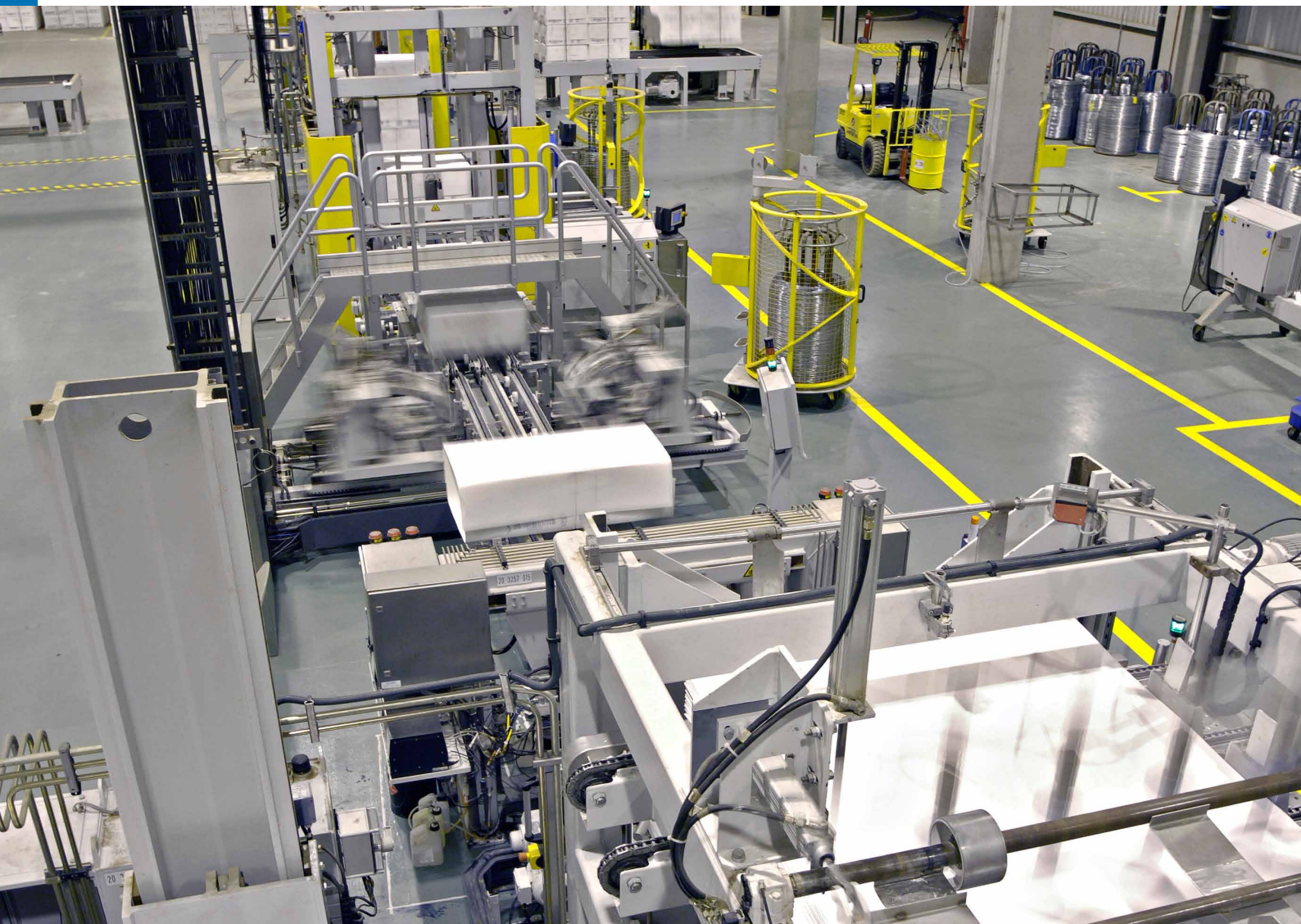


Machine Control Systems (MCS)

ANDRITZ process control solutions



Machine Control System (MCS)

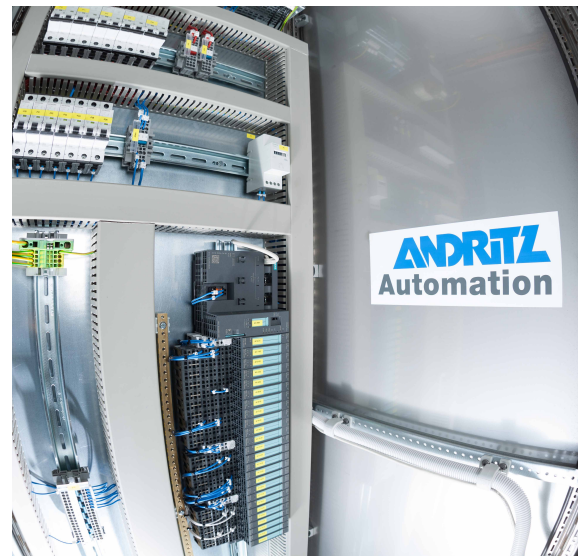
ANDRITZ process control solutions

As the leading supplier for control systems, ANDRITZ AUTOMATION also offers a fast, tailored system for ANDRITZ machines that require special hardware and implementation beyond common Distributed Control System (DCS) standards. The Machine Control System (MCS) solution can be integrated in existing DCS systems and is delivered with an integrated safety system that meets the highest standards. Already implemented in more than 1,000 applications, the ANDRITZ MCS is particularly suited to integration in highly complex machines and offers superior control.



Characteristics

MCS	Included
ANDRITZ process library with advanced fast loop integration for optimum performance and precision	✓
Central IO cabinets (incl. routing level or decentralized routing level)	✓
Decentralized IO cabinets with fieldbus link	✓
Control cabinets with uninterruptible power supply (UPS)	✓
Computer/Server/Client switchgear cabinets with KVM system	✓
ANDRITZ project workflow including design-review	✓
Pre-arrangement for IDEAS simulation	✓
Pre-arrangement for continuous remote support service and lifecycle assistance with integrated web documentation	✓
Test and approval according to EN 62381	✓
Robust touchpanels at field level 5,7" - 19"	✓



- Integrated hardware simulation capability for soft commissioning and operator training
- Cost efficiency through process optimization
- Ergonomic local operation capability
- Rapid reacting system

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