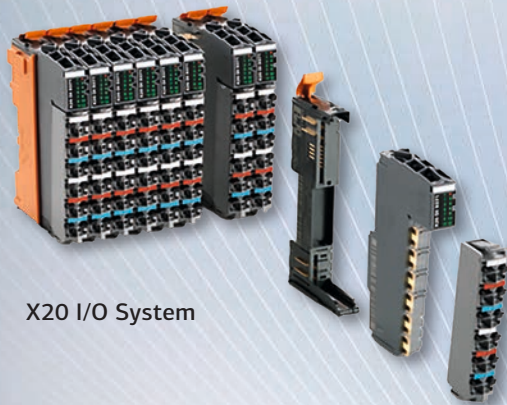


WOOD TECHNOLOGY | UPGRADE



X20 I/O System



X20 CPU

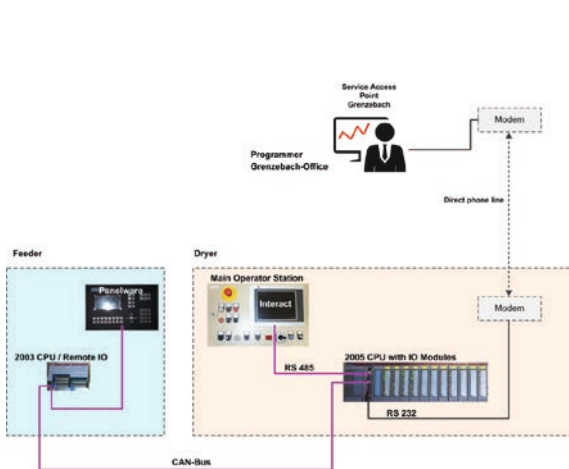


Power Panel

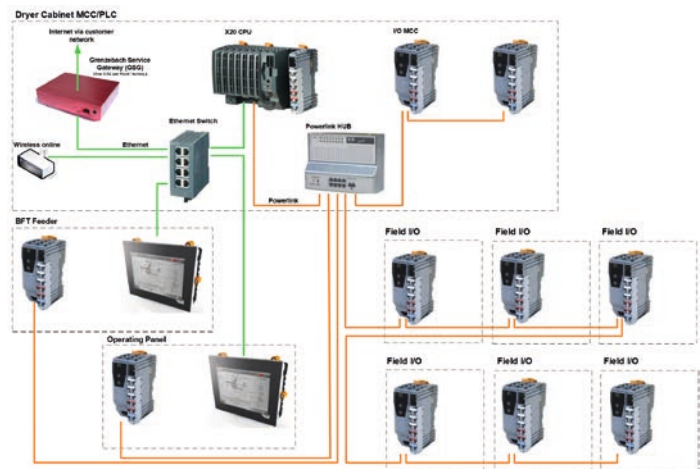
Modernize your existing Dryer Controls
with newest B&R X20 Control Systems

WOOD TECHNOLOGY | UPGRADE

Are you still using a control system which is not available on the market anymore? If so, you should plan your upgrade now before legacy systems and unexpected failure cause unplanned downtime or unnecessary maintenance costs. Grenzebach BSH offers cost optimized revamping of your old B&R dryer control system.



Old system architecture



New system architecture with B&R X20 control components (with or without field I/Os)

Benefits of an upgrade:

- » Simple, cost-saving revamp concept
- » Upgrade with GSG (Grenzebach Service Gateway) and replacement of the CPU and all I/O components (see diagrams)
- » Minimized risk of control system or control station failures
- » High availability through use of latest CPU technology
- » Use of up-to-date I/O hardware
- » Full B&R Automation support
- » GSG (Grenzebach Service Gateway) with secure access via VPN tunnel technology, allowing service contracts with variable response times
- » Supply of preassembled I/O components and upgrade documentation allowing you to install components by yourself to reduce the revamp costs
- » Fully tested components and software
- » Short shutdown and commissioning times
- » Same user interface as before
- » New features like trending and system overview
- » No new operator training required, documentation still applicable
- » Modern Ethernet topology for control system and operator panel
- » Routing to multiple lines with only one GSG
- » Only one CPU for dryer and feeder
- » Prepared for connection of an additional PC as backup for the Power Panel

If you require a proposal or wish to change to Siemens or Rockwell, please get in touch with us. We shall be glad to prepare a revamp concept for you.



- + Increased productivity
- + Extended service life
- + Maximized machine availability
- + Higher profitability
- + Lower total operating costs

WeSERVICE

ADDED LIFETIME – ADDED VALUE

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