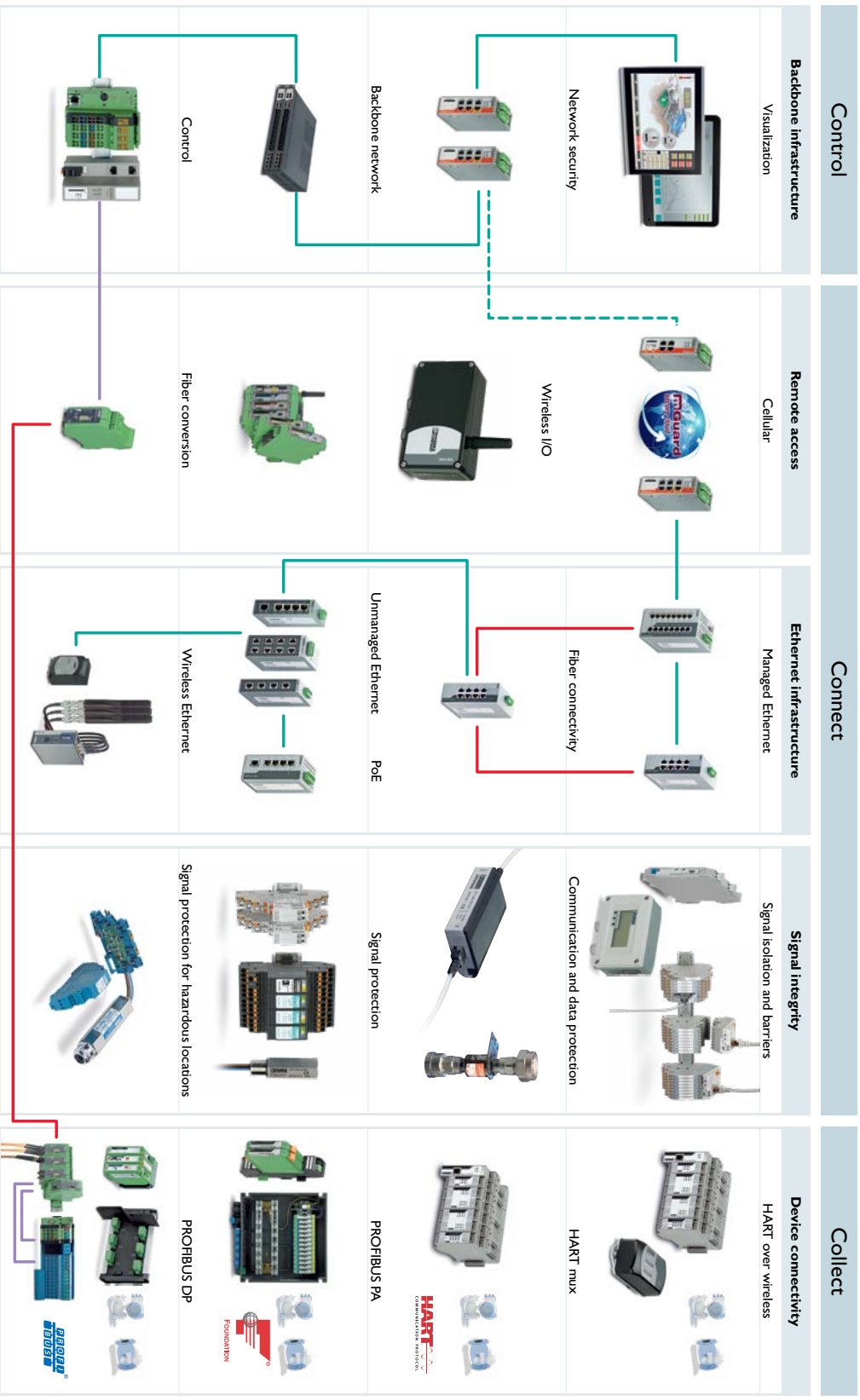


Solutions for process automation

<p>HART</p>  	<ul style="list-style-type: none"> • HART mux • HART USB modem 	<ul style="list-style-type: none"> • Get access to diagnostic data of your HART instruments via Ethernet • One HART master per channel for faster polling than traditional serial mux • HART over wireless can be achieved by integrating our mux with a WLAN Ethernet radio • Applications for both retrofit and new builds to incorporate HART information into your plant asset management system
<p>Signal isolation</p> 	<ul style="list-style-type: none"> • Analog signal converters • Analog loop isolators • Analog set point modules • Intrinsically safe isolators 	<ul style="list-style-type: none"> • Slim, modern, modular analog signal conditioners • Signal conditioning/filtering keeps your signal integrity • Isolate active loops and power passive loops • Modules for temperature conversion and limit relays • Modules available for hazardous locations and safety (SIL) applications • Modules with CID2, ATEX, IECEx, EAC, GL approvals
<p>Signal protection</p> 	<ul style="list-style-type: none"> • Power and data protection • Data protectors with status LEDs • Hot swappable and pluggable • State-of-the-art products • Warranty enhancements • True CAT 6A POE+ protection 	<ul style="list-style-type: none"> • Protection of critical equipment • Increased uptime • Three-stage local and remote functional status indication • Allows for easy installation and replacement • Tested and certified to UL and EN/IEC standards • Robust and reliable protection for high bandwidth signal applications
<p>Process Fieldbus</p>  	<ul style="list-style-type: none"> • Foundation Fieldbus • Profibus PA 	<ul style="list-style-type: none"> • Modular and block-style device couplers with integrated short circuit protection • Custom junction box builds for easily deploying field instrumentation via FF/PA couplers • Redundant power supply options with Ethernet diagnostics and effective cabling solutions for up to four segment installations • Profibus DP/PA coupler with transparent integration from DP/PA • Physical layer diagnostics for Profibus PA available via Ethernet and ProfiTrace • Diagnostics in the field provide more accurate real-time status of physical layer devices
<p>Networking and communication</p> 	<ul style="list-style-type: none"> • 900 MHz I/O • 900 MHz Ethernet • Cellular modems • Ethernet switches • Security router and firewall • I/O systems 	<ul style="list-style-type: none"> • Long distance, high performance, easy wire replacement for I/O • High bandwidth 200 mW WiFi - wireless communication on both 2.4 and 5 GHz • Wide array of connectivity networking options • Communicate with your systems worldwide with a secure VPN connection and free cloud service • Fast and cost-effective I/O options in IP20 and IP67 suitable for potentially explosive areas



Control

Connect

Collect

Backbone infrastructure

Visualization



Network security



Backbone network



Control



Remote access

Cellular



Wireless I/O



Fiber conversion



Ethernet infrastructure

Managed Ethernet



Fiber connectivity



Unmanaged Ethernet



POE

Wireless Ethernet



Signal integrity

Signal isolation and barriers



Communication and data protection



Signal protection



Signal protection for hazardous locations



Device connectivity

HART over wireless



HART mux



PROFIBUS PA



PROFIBUS DP

