Boost operational efficiency by gaining insight into your data workflow and digital maturity – and commission a network solution tailored for your precise needs.

Be Confident in Your Network
Data-driven insights have changed our everyday life. Can you imagine how efficient your operations could become if they could learn, adapt and meet changing demands using insights from the data already in your hands? Unplanned downtime, micro-stops and excessive waste could be tackled in real time.

This is what digitization is enabling us to achieve: Converting machine data into digital signals and using it to automate actions and processes. These advancements enable companies to improve not only operational efficiency, but also sustainability.

At Belden, we understand the operational, quality, safety and innovation demands of today’s connected plant – and we empower our customers to succeed by making the most of their real-time OT data.

Belden’s Network Assessment Service will provide you with a blueprint for a proven, end-to-end solution – one that’s designed to meet your specific KPIs and unique requirements, while ensuring your network outperforms industry benchmarks.

Let us help you uncover what’s possible!
The Next Right Step on Your Digitization Journey

Belden’s Network Assessment begins with a comprehensive understanding of your operation’s workflow and processes. Our consultants will dive deep with you to identify challenges and uncover opportunities.

The next step is an in-depth audit of the current state of your network. We then benchmark the findings against your desired state and conclude with a recommended business plan to maximize your return on investment.

Workflow Assessment
Evaluate the digital maturity of your plant and uncover automation opportunities

Network Survey
Analyze network infrastructure, data flow and data management

Network Benchmark
Benchmark installed solution against desired state in Belden Customer Innovation Center™ Lab

The Elements Behind a Best-in-Class Network

Belden’s Network Assessment service explores six core technical elements in order to uncover opportunities for optimization.

Each stage of our service offers you the opportunity to engage with our industry experts, who strive to design – with and for you – the best sustainable solution for your operational efficiency.

Operations Workflow
• Operational challenges
• Asset digital maturity
• Workflow data utilization

Network Infrastructure
• Field connectivity
• Data bandwidth and latency
• OT backbone network

Wireless
• Site survey
• Seamless wireless transmission
• Cellular options

Industrial Cybersecurity
• Firewalls, zones and conduits
• Deep-packet inspection
• Secure remote access

Edge Computing
• Data conversion
• Onsite real-time analytics
• Cloud connectivity

Data Management
• Data storage
• Edge computing and analytics
• Data visualization and reporting