

Belden Horizon™ Console On-Prem

New Enhancements Also Include
Virtual Node and Layer 3 PDN



PRODUCT BULLETIN

Belden Horizon™ Console (BHC) – including Secure Remote Access (SRA), the Persistent Data Network (PDN), and edge orchestration – is now available for on-premise deployment, allowing organizations to deploy it in their own environment – be it an air-gapped environment at a site or a cloud tenant of their choice. New enhancements to BHC also include the Virtual Node feature for PDN, which makes sending OT data to the cloud as secure as possible; and Layer 3 PDN (L3PDN), which allows multiple remote networks to be reached through a single connection to BHC.

- **Increase flexibility for your organization while staying secure** with an on-prem version of Belden Horizon Console that can be installed in your existing infrastructure
- **Bring OT data to the cloud for data ingestion and analytics** securely using Virtual PDN – no time-consuming, on-site IT hardware installations required
- **Reduce network management costs** in your industrial networks' operations via the Virtual Node and L3PDN functionalities

Key Features

- Belden Horizon Console On-Prem is an air-gapped version of BHC that can be installed in your existing environment, whether a private cloud/data center, a public cloud tenant, or site infrastructure in case certain latency and security requirements must be met
- The Virtual Node functionality allows you to send OT data from remote sites to a cloud service (BYOC - Bring Your Own Cloud) or private cloud of your organization's choice, where it can then be processed and analyzed further
- The Persistent Data Network has gained Layer 3 IP Routing functionality, allowing multiple remote networks to be connected – and making their management that much simpler

Your Benefits

- **More control** of your data collection and analysis infrastructure, with Belden Horizon Console's high level of security
- **More flexibility** in deployment architecture with Belden Horizon on-premises, for situations where security, latency, and compliance make deploying offsite more difficult
- **Less downtime** of OT systems, resulting in lower operational expenditures (OpEx) over time
- **Less hassle** thanks to the ability to instantly route data among multiple sites without having to create new VPN connections

Markets

Belden Horizon™ Console is suitable for use in any industrial setting, including manufacturing, energy, oil and gas, water and wastewater, transportation, and machine building. Belden Horizon Console On-Prem is an ideal choice for customers where latency and security requirements need it to be deployed in their own environment.

Belden Horizon Console

Belden Horizon provides a simple, seamless, secure, and reliable way to connect to industrial systems. The platform's edge orchestration capabilities allow users to deploy and manage edge applications across one or many devices at the same time, locally or remotely. Secure Remote Access technology helps ensure secure cellular or wired connections. The platform also supports always-on connectivity to geographically dispersed assets via the Persistent Data Network application.



The user interface to access Belden Horizon software services like SRA, PDN and Edge Orchestration

Software applications deployed in an edge environment like Belden Horizon Data Operations and Belden Horizon Data Manager