



CUSTOMER SUCCESS STORY

How Bavitech Systems Transforms Multi-Site Video
Deployment with IONODES' PERCEPT Cloud

A CENTRALIZED, REMOTE APPROACH TO MANAGING DEDICATED VIDEO DISPLAY ACROSS DISTRIBUTED CUSTOMER ENVIRONMENTS

Bavitech Systems is one of IONODES' primary European partners recognized for its expertise in deployment of leading-edge security, telecommunications, and network systems. With over 20 years of experience in video surveillance and connected security environments, the company has built a strong reputation for delivering high-quality, reliable, and future-ready solutions.

The company supports private and public organizations across sectors such as airports, healthcare, retail, critical infrastructure, and high-end residential environments, where security, performance, and precision are essential. By combining deep technical know-how with a strong understanding of operational challenges, Bavitech designs

and deploys tailored systems that not only meet technical requirements but also support real-world needs, ensuring long-term value and peace of mind for its clients.





Delivering Consistency Across Multi-Site Video Deployments

For customers managing video across multiple locations, deployment consistency is critical. Each site may have different users, networks, display requirements, and security policies.

Without the right tools, configuring and supporting dedicated video display devices across many sites can require significant coordination, local technical knowledge, and numerous travels.

To simplify this process, Bavitech uses IONODES PERCEPT Cloud to prepare, configure and manage Secure Display Stations remotely, helping make multi-site deployments more consistent and easier to support.

THE CHALLENGE



In multi-site environments, local teams often need access to selected live camera views without being given full access to the broader video management system. The viewing experience needs to be simple, controlled, and reliable, but the deployment process behind it can become complex.

For one customer environment, the project involved more than 20 sites, with 2 to 3 Secure Display Stations per site, for a total deployment of roughly 50 to 60 devices. Each unit needed to be prepared, configured, assigned to the correct location, and validated before being handed over for daily use. Sending technical resources to every location would add cost, scheduling complexity, and delays. It would also place more responsibility on local teams, who may not have the technical knowledge required to configure video sources, user access, templates, network settings, and device behaviour.

DEPLOYMENTS WITH MINIMAL DEMAND



Bavitech needed a way to reduce on-site complexity, reduce deployment costs, and optimize rollout through centralized, remote configuration, helping customers benefit from faster implementation and a smoother end-user experience.

To address these needs, Bavitech delivers a streamlined video display solution that gives customers dedicated local viewing points without the overhead of a full workstation, using IONODES Secure Display Stations as part of its deployment approach.



Secure Display Stations support ONVIF and RTSP video sources, PTZ camera control, multiple display layouts and VMS integration if needed. This gives Bavitech an open-platform way to adapt each deployment to the customer's camera environment, site requirements, and viewing needs.

Bavitech leverages PERCEPT Cloud for remote, cloud-based management to prepare and support Secure Display Stations across multiple

THE SOLUTION

customer sites, enabling more efficient deployments with minimal demand on local teams. By handling much of the configuration remotely, either ahead of or during rollout, Bavitech helps customers achieve faster implementation, greater consistency, and a smoother on-site experience.

The process begins with Bavitech receiving each unit to perform cloud onboarding, after which it is shipped to each end user's site.

When the device arrives on site, installation is reduced mainly to commissioning. The Secure Display Station is brought online, connected, and powered, then the remote configuration can start. This minimizes the need for advanced technical expertise at each location.

Through PERCEPT Cloud, the Bavitech technical team then performs the full remote configuration. They can verify software versions, apply updates, create SDS user accounts, configure network settings, assign video sources, prepare display templates, define views, and organize devices by customer site or store code. This ensures each Secure Display Station is prepared according to the customer's requirements and correctly associated with its location.

“What used to take days of coordination and on-site work can now be handled remotely with full confidence. It has completely changed how we approach deployments, and for end users, it just works from the start.”

— Philippe Chidoan , Senior Technical Project Manager at BAVITECH Systems

REPEATABLE, CLOUD-ASSISTED WORKFLOW



PERCEPT Cloud also provides Bavitech with real-time visibility into device health and deployment status throughout the rollout. Through the live video output window, the team can visually verify what is displayed on each monitor without the need for on-site visits, ensuring that all Secure Display Stations operate as expected. GPS-based positioning adds an additional layer of insight by enabling devices to be viewed and monitored on a map across distributed sites.

This creates a repeatable, cloud-assisted workflow for distributed deployments, while still allowing each site to receive the views, settings, and access it requires.

THE OUTCOME

For Bavitech, this approach transforms multi-site deployments into a centralized and highly controlled operation powered by PERCEPT Cloud.

By shifting complexity away from the field, Bavitech delivers faster, more consistent rollouts with far less reliance on on-site resources. What once required extensive coordination and travel can now be executed efficiently at scale.

For end customers, sites are quick to deploy, easy to operate, and ready from the moment they are connected. Local teams are freed from technical setup, while users benefit from a reliable and consistent viewing experience.

With PERCEPT Cloud, Bavitech maintains full visibility and control across all devices, enabling proactive validation and seamless support. This marks a fundamental change in deployment strategy, allowing Bavitech to deliver smarter, more scalable solutions that simplify operations while raising the standard for performance and reliability.



Compatible with most IP cameras



Available VMS integration or run in standalone



Locked down and secure for installation in public areas



Display up to 32 cameras on up to three 4K monitors



ABOUT **BAVITECH** SYSTEMS

Founded in 2006, Bavitech Systems was built on a vision to deliver objective, adaptable solutions that evolve with customer needs. The company maintains independence from specific brands, allowing it to stay solution-focused rather than vendor-driven in its technology choices and to select the most appropriate solutions for each project. It is committed to meeting its contractual obligations while maintaining close relationships with clients and continuously identifying technologies that can improve operational efficiency.

Beyond its commercial activities, Bavitech promotes sustainable development and prioritizes solutions aligned with regional initiatives, contributing to the acceleration of the local energy transition. The company values long-term partnerships and operates with transparency to build trust with its clients.

WHAT CAN NODES DO FOR YOUR BUSINESS?

Visit our [product page](#) to learn more about the Secure Display Station and PERCEPT Cloud or [Request a personalized demo](#) today!

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