

PRISM Wi-Fi 6 MO10 Enables Industry 4.0

BACKGROUND STORY

Company: HYTEC INTER Co., Ltd.

Object: A chemical process plant

Location: Kyushu area, Japan

Manufacturing is tightly interlinked with information and communication systems, making it more scalable, competitive, and knowledgeable to allow the industry to increase production, efficiency and output while reducing resource consumption.



HYTEC INTER Co., Ltd. has professional technology on the communications and information systems. HYTEC has been using the edge technologies to support many of its industrial customers for future innovation and business growth.

REQUIREMENTS



This chemical process plant located in Kyushu uses high-density terminals to provide real-time insights about production output, inventory levels and asset locations as well as to catch emerging equipment problems before they result in extensive, expensive downtime.

CHALLENGES



1. Coverage: The plant area with a radius of 500 meters, covering both outdoor and indoor environment.
2. Performance: The high-density terminals to transmit and receive real-time data.
3. Reliability: The duration and reliability for the device to sustain in the extreme environment in the chemical plant.

PRISM SOLUTIONS

- Prism MO10 Wi-Fi 6 AX6600 Outdoor Tri-Radio Mesh Router



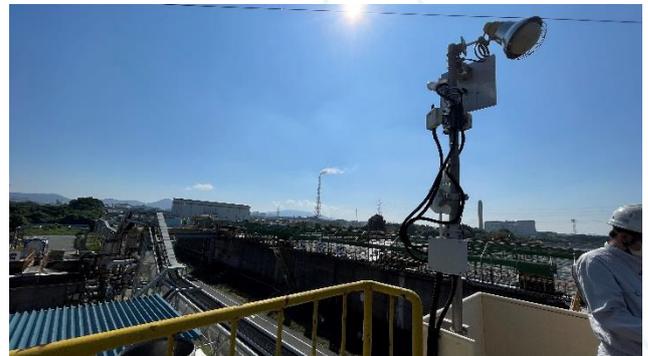
Prism MO10 Wi-Fi 6 AX6600 Tri-Radio Outdoor Mesh Router is housed in a rugged IP68 aluminum enclosure. The casing provides the waterproof, dustproof, wind load and salt spray protection against the extreme environment conditions in the air.



PRISM Wi-Fi 6 MO10 reaches farther and covers a greater area, and can support low-latency, high-performance outdoor and indoor connectivity in dense industrial environments.

PRISM Wi-Fi 6, is used as a more cost-effective approach because Wi-Fi 6 is less expensive to deploy and operate compared to cellular.

Overall, HYTEC has successfully used the PRISM Wi-Fi 6 solutions to support the chemical process plant to enhance its efficiency at lower TCO in operations management.



For more details and case studies, visit www.prismwifi.com

*The seller is HYTEC INTER Co., Ltd. HYTEC INTER Co., Ltd. is PRISM's official distributor in Japan.