



Warehouse WiFi Transformation for OM Logistics in Pune, India

OM Logistics Ltd is one of India's leading supply chain and logistics service providers, established in 1991. The company offers comprehensive logistics solutions, including transportation across road, rail, and air, along with warehousing, distribution, and third-party logistics (3PL) services. With a strong nationwide presence, OM Logistics focuses on leveraging technology to enhance operational efficiency and deliver reliable, scalable supply chain solutions.

Defining Business Requirements

As part of its warehouse modernization and operational efficiency initiatives, OM Logistics required a robust and scalable WiFi infrastructure across multiple warehouse locations in Pune.

The key objectives included:

- Enabling seamless connectivity for handheld devices used by warehouse staff
- Supporting barcode scanning and real-time inventory tracking
- Ensuring uninterrupted data flow with warehouse management systems (WMS)
- Providing consistent wireless coverage across large warehouse environments
- Minimizing downtime and ensuring high network reliability
- The absence of a reliable wireless network could lead to operational delays, data inaccuracies, and reduced productivity



OM Logistics Ltd. Warehouse

Deploying Alta Labs WiFi

To address these challenges, a high-performance wireless solution was deployed using Alta Labs wireless technology.

The deployment included:

- Installation of **32 Alta Labs AP6 Access Points** across approximately 10 warehouse locations in Pune, India
- Use of **Alta Labs PoE injectors** for efficient power delivery and simplified infrastructure setup
- Centralized network management for monitoring and control across all sites
- Seamless roaming capability to ensure uninterrupted connectivity for mobile devices

The project was successfully executed by integration partner Minitek Systems India Pvt. Ltd., with strong supply and backend support from national distributor Mass Infonet Pvt Ltd.



AP6 Mounted Inside the Warehouse

Results Delivered

The deployment delivered significant operational improvements:

- **Seamless Connectivity:** Reliable WiFi coverage across all warehouse locations
- **Improved Efficiency:** Faster barcode scanning and real-time inventory updates
- **Operational Continuity:** Uninterrupted roaming for handheld devices
- **Enhanced Accuracy:** Reduction in manual errors through real-time data synchronization
- **Scalability:** Infrastructure ready to support future warehouse expansion
- **Centralized Control:** Simplified network monitoring and management



AP6 Deployed in the Warehouse

"From deployment to daily operations, the Alta Labs solution has been reliable and easy to manage through centralized control. Overall, our experience has been excellent, with improved visibility, stability, and simplified network management across all warehouse sites."

- Ram Kishor - Regional I.T Incharge,
OM Logistics Ltd., Pune



AP6 Mounted in the Warehouse

CASE STUDY:

OM Logistics Ltd.**OM Logistics Network, ELEVATED**

By implementing a modern WiFi infrastructure powered by Alta Labs, OM Logistics successfully transformed its warehouse operations into a more connected, efficient, and data-driven environment. The collaboration with Minitex Systems India Pvt. Ltd. and Mass Infonet Pvt Ltd ensured a smooth rollout and ongoing support, setting a strong foundation for future digital transformation initiatives.



AP6 Deployed Underneath Eave

For More Information

Visit the OM Logistics, Ltd. website at:
omlogisticssupplychain.com

Visit the Minitex website at:
www.minitexsystems.com

Visit the Mass Infonet website at:
www.massinfonet.in

Additional Alta Labs Case Studies
www.alta.inc/case-studies