ALTA LABS AP6-Pro Audio and Networking Distributor User Guide

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Global Manufacturer Deploys Alta Labs WiFi to Finally Bring Stability and Reliability to their Core Network

Networkstore.lk was brought in to resolve issues that Noratel International (Pvt) Ltd was encountering with their existing WiFi network in their transformer manufacturing facility in Katunayake, Sri Lanka. Noratel is a global manufacturer of transformers and reactors. Noratel's transformers can be found in many applications around the globe: from ships and trains to wind turbines, lifts, escalators, cranes, solar panels, refrigerators, and medical devices.

The customer had an existing UniFi WiFi 6 Series deployment throughout their facility. Their existing network had many issues, especially when working with ERP systems and videoconferencing software. Issues included:

- **Frequent Connectivity Drops**: Persistent connectivity drops disrupting important tasks, even occurring within close proximity.
- **Inconsistent Signal Strength**: The signal strength fluctuated quite a bit, making it difficult to rely on a stable connection.

- **Slow Performance**: Network speeds were well below the level of internet service being delivered to the facility.
- **Overheating**: Devices on the network were running hot after a few hours and it was assumed this could be part of the issue.
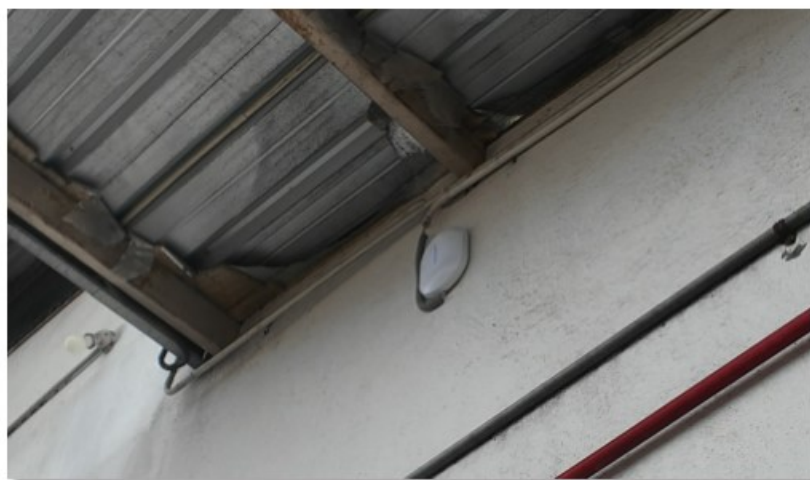

Noratel Manufacturing Facility

The existing Ubiquiti hardware was replaced with 10 Alta Labs AP6-Pro Access Points and 5 Alta Labs AP6 Access Points. All of the issues they were encountering previously were resolved by the Alta Labs WiFi system.

Replacing a UniFi AP with an AP6-Pro

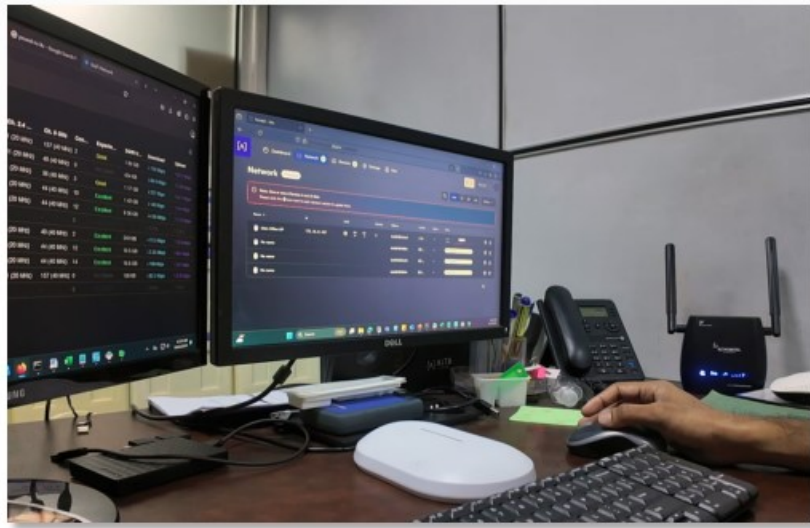| Noratel Katunayake Overview	
APs deployed in General Operations area approx 2,800 m²	
370 Users	
10 AP6-Pro Access Points	
5 AP6 Access Points	

The Noratel site is approximately 75,800 m2. Alta Labs access points were installed in the General Operations area that covers approximately 2,800 m2. The plan is to now expand coverage with additional Alta Labs access points covering the remaining operational and factory areas that are approximately 38,000 m2. Noratel has decided to integrate Alta Labs switches in the upcoming deployment in addition to all of the Alta Labs access points they will deploy.

AP6-Pro Installed

"After a year of persistent challenges and unreliable connectivity with Ubiquiti UniFi, Alta Labs Access Points have elevated our network performance to a new level of excellence. Their unparalleled stability and superior performance have delivered the seamless and consistent Wi-Fi experience we urgently required. Encouraged by their success, we are now planning to extend the deployment of Alta APs to cover our entire factory premises in the near future."

– Dilip Roshantha, Manager – Information Technology, Noratel International (Pvt) Limited

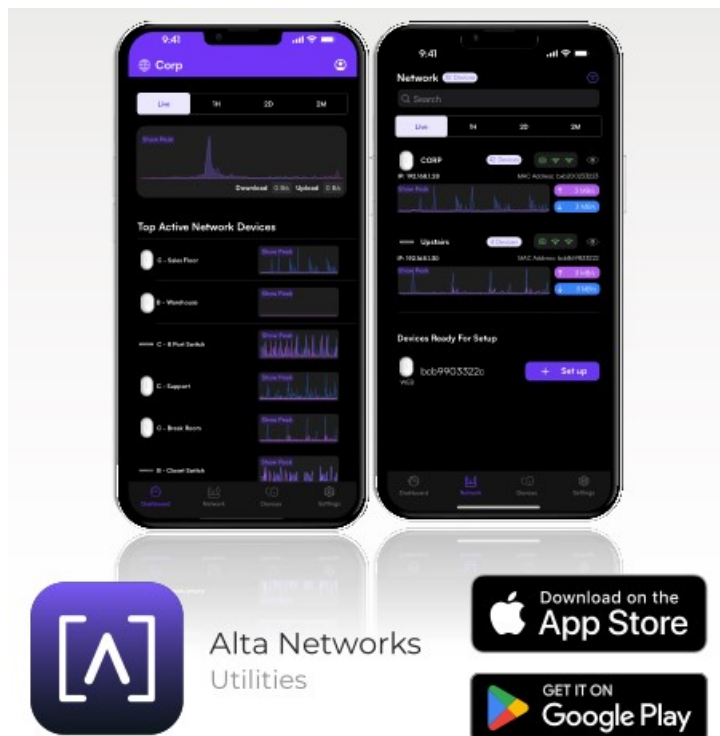Alta Labs Control Management Platform

For More Information

Visit the Noratel website at **noratel.com**

Visit the Networkstore.lk website at **networkstore.lk**

Visit our website for more case studies at **alta.inc/case-studies**

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References

- 〰 **Home - Networkstore.lk**
- 🧨 **Home ::: NORATEL - When PERFORMANCE matters**
- **User Manual**