



## Overview

Federal-Mogul Motorparts is part of the Federal-Mogul Corporation; which is an American developer, manufacturer and supplier of products for automotive, commercial, aerospace, marine, rail and off-road vehicles; and industrial, agricultural and power-generation applications. The group was acquired in October 2018 by Tenneco, a Fortune 500 company.

The warehouse was originally installed with 34 access points of a very well-known brand of telecom products, but the network performance was not as satisfying as required. Federal-Mogul therefore decided to replace them with Altai Super WiFi after receiving recommendation from JNS, Altai's distributor in India. With the unique smart antenna technology, Altai's AP is able to cover a much larger area than any standard AP with strong and stable signal strength. Altai has up to now a long list of successful deployments for warehouses and manufacturing plants all over the world due to its outstanding technology.

Only 12 units of Altai's C1n are deployed in Federal-Mogul to provide a blanket coverage for their warehouse which occupies 60,000 sqm, supporting all the devices in the warehouse with zero down-time. Altai has not only saved 70% of cabling, switches and installation cost but also built a robust and reliable WiFi network.

### Customer Name:

Federal-Mogul Motorparts  
JNS Systech Pvt. Ltd. (Distributor)  
3R Imaging Solutions Pvt. Ltd. (System Integrator)

### Deployment Location:

India

### Application:

Private Wi-Fi network for warehouse management and communications

### Products used:

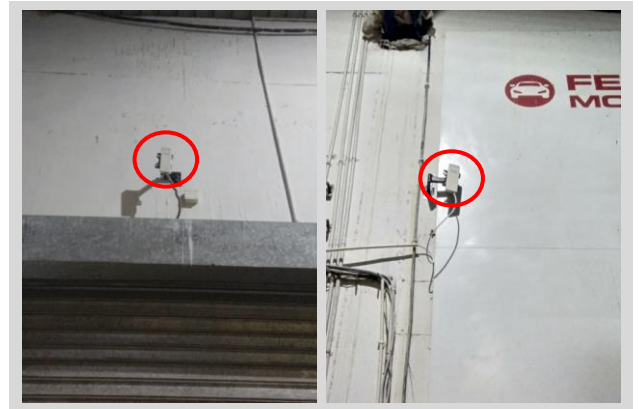
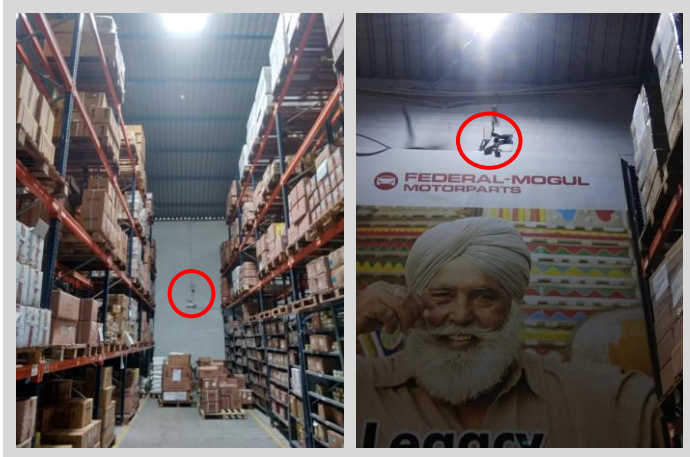
C1n, AltaiCare (cloud)

### Result:

Compared with the previous solution using 34 units of traditional AP, Altai has fully upgraded the network for Federal-Mogul with only 12 APs to make it become a robust and stable WiFi network. The new network powered by Altai Super WiFi is able to support numerous devices with zero down-time and has the operation process enhanced.

## The Challenge

- Large area coverage
- Competing with a well-known brand of telecom products
- Complex environment



## The Solution

Altai's C1n and cloud-based AltaiCare were used in the deployment to replace a previous solution deployed by a well-known telecom infrastructure brand. Although only 12 units of C1n, a compact yet powerful AP with built-in directional antenna, have been installed, the new Altai Super WiFi network is more robust and stable than the previous solution with 34 units of traditional AP. All the devices in the warehouse including handheld scanners, laptops etc. can be connected reliably and roamed around the warehouse without any delay. The management and operation process become more effective and efficient. The solution was designed and completed in a timely and professional manner by the local system integrator, 3R Imaging Solutions.



C1n Super WiFi CPE/AP

## About Altai

Altai Technologies is a leading supplier of carrier-grade Wi-Fi products and technologies with a distribution network reaching 100 countries. Altai Super WiFi is the leading solution for vertical industrial markets, covering over 200 container ports, manufacturing plants and warehouses globally.

The Altai Super WiFi Solution includes a complete portfolio of indoor and outdoor products for carriers, WISPs, and enterprises to support a wide range of applications such as mobile data off load, public access, WLAN access, and backhaul.

Utilizing patented smart antenna technology, as well as a cloud-based management system called AltaiCare, the Altai Super WiFi Solution is designed from the ground up to deliver Wi-Fi networks that have unprecedented performance, reliability, scalability, and manageability.

## Contact Us

Headquarters  
Unit 209, 2/F, Lakeside 2, 10 Science Park  
West Avenue, HK Science Park, Shatin,  
Hong Kong

Phone: +852 3758 6000  
Fax: +852 2607 4021  
Email: [info@altaitechnologies.com](mailto:info@altaitechnologies.com)

[www.altaittechnoloaies.com](http://www.altaittechnoloaies.com)