

## National Manufacturing and Distribution Facility William Angliss Drive - Laverton

### NHP Electrical Engineering Products

#### The Customer:

NHP Electrical Engineering Products Pty Ltd ([www.nhp.com.au](http://www.nhp.com.au)) are industrial switchgear and automation specialists. They have over 500 staff and offices throughout Australian and New Zealand.



## **The Requirement**

As part of the construction of a new state-of-the-art National Distribution and Manufacturing facility based in Laverton, Victoria, NHP required the supply of an RF wireless network to compliment the new Warehouse management Software system being implemented. The new facility was designed to deliver even greater levels of service, responsiveness and inventory management to NHP customers and accordingly more accurate receiving, putaway and despatch functions were required. UMD's role was to supply and commission the RF wireless network to ensure coverage throughout the warehouse as well as providing adequate coverage and throughput to support the implementation of a Cisco IP phone system.

## **The Solution**

UMD undertook a Professional Site Survey for the wireless LAN infrastructure to determine the most suitable locations for the access points to be mounted as well as the most suitable antenna types. The area was especially difficult to cover as an area above and below a metal mezzanine floor was needing coverage. Steel shelving and a low ceiling also presented additional obstacles to coverage.

Upon installation of the access points excellent coverage was achieved in all required areas with suitable redundancy in case of access point failure.

All equipment was configured and commissioned for NHP with UMD supporting the rollout of the equipment at the point of go live.

## **Intermec equipment**

2435 RF handheld scanners

2455 RF Vehicle Mount terminals & keyboards

PL4 wireless label printer

PM4i Barcode label printers

1551 tethered barcode scanners

1553 tethered barcode scanners

## **Cisco equipment**

Cisco 1200 Access points