

Wi-Fi 7 Upgrade for an MCG-Sized Warehouse

A distribution centre roughly the size of an MCG field had dead wireless zones between long racking aisles, pick scanners dropping connections, Wi-Fi Yealink phones cutting out, and tracking tags on pick bins losing their signal. We installed 89 Ubiquiti Wi-Fi 7 access points along every aisle, overhead and in pack/dispatch so operations now run smoothly from one end of the shed to the other.

KEY RESULTS

89

Ubiquiti Wi-Fi 7 access points installed

MCG-sized

warehouse floor fully covered

100%

of pick scanner aisles with stable connectivity

Stable

Wi-Fi Yealink phone calls across the floor

BEFORE

- Warehouse floor is roughly the size of an MCG field with long metal racking aisles blocking signal
- Handheld pick scanners constantly dropped their Wi-Fi connection between aisles
- Wi-Fi Yealink phones cut out mid-call, slowing pack and dispatch coordination
- Tracking tags on pick bins failed to report location across large open areas

AFTER

- 89 - Ubiquiti Wi-Fi 7 access points installed
- MCG-sized - warehouse floor fully covered
- 100% - of pick scanner aisles with stable connectivity
- Performed a full warehouse RF site survey mapping racking, aisles, pack/dispatch and high-density zones

"Pick scanners now stay connected the full length of every aisle, our Wi-Fi phones no longer drop calls, and the tracking tags on bins report instantly. It changed how we run the floor."

- Warehouse Operations Manager