

Reedbut Group

Sector:



Warehousing & Logistics

Products:



Cambium cnPilot WiFi 6



Cambium cnMaestro centralised cloud-management

Services:

WiFi survey, network configuration, design, and installation

Highlights:

- Reedbut Group is a corrugated box manufacturer and designer of high-quality, bespoke e-commerce packaging solutions which are 100% recyclable.
- To improve connectivity at its three UK warehouses it needed to replace its existing WiFi with a more resilient wireless network.
- Reedbut reached out to warehouse WiFi experts Redway Networks who recommended a new Cambium Networks cloud-managed WiFi6 solution with cnPilot and cnMaestro cloud-managed technology.
- Redway Networks delivered a seamless WLAN installation with no interruption to Reedbut's business.
- Reedbut has improved network management and visibility and can monitor warehouse activities in real-time.
- Cambium's robust cloud-managed wireless network has delivered better capacity and faster network speeds which has streamlined day-to-day operations and improved warehouse efficiency.



REEDBUT GROUP

PROTECTING THE *environment*
THROUGH INNOVATIVE PACKAGING

Reedbut Group improves efficiency at its warehouses with high-performance WiFi from Redway Networks.

Reedbut Group has improved wireless network performance at its three UK warehouses with a new high-performance wireless solution from Redway Networks.

The Cambium WiFi 6 solution with cnPilot and cnMaestro cloud-managed technology was chosen to streamline warehouse operations by providing reliable, fast wireless communications between Reedbut's order picking systems and its hand-held devices.

Reedbut Group is one of the UK's leading independent sheet plant manufacturers of eco-friendly, bespoke packaging. It manufactures a range of FSC certified specialist packaging for its retail customers from design concept through to production and e-commerce fulfilment.

To meet delivery demands to its customers in the UK, Europe and Worldwide, Reedbut's business relies on seamless warehouse automation, so any gaps in warehouse WiFi coverage can reduce efficiency and cost time.

Legacy WiFi due for replacement

Reedbut's existing Netgear wireless solution was outdated and could no longer support the coverage and connectivity demands of Reedbut's warehouses which are based in Milton Keynes, Andover, and Rochester.

Reedbut holds stock for several large retailers and products need to be shipped quickly to meet timescales, so warehouse productivity plays an important role in business operations.

Trevor Green, Group Managing Director for Reedbut Group says: "Our existing WiFi had done its job but we were starting to experience slow network speeds and WiFi dropouts in our warehouses which identified the need for a more robust wireless solution. I was recommended to Redway Networks and reached out to them to conduct WiFi surveys and recommend the best-fit WiFi for providing robust warehouse connectivity with easy network monitoring and performance management."

WiFi surveys highlight issues

Redway Networks conducted on-site surveys at all three warehouses using Ekahau's heat-mapping software to determine the layout, positioning of the existing access points, the number of devices in use and what future plans Reedbut had for its WiFi usage. From the surveys, Redway's engineer discovered that all three sites had insufficient wireless coverage with unreliable connectivity and dead spots which were reducing efficiency in scanning stock.

To provide a more resilient wireless network that would improve network capacity and ensure warehouse devices ran flawlessly, Redway Networks recommended a new Cambium Networks cloud-managed enterprise WiFi 6 solution. Cambium's cnPilot access points have many antenna options to ensure the wireless signal is strongest where needed so are ideal for warehouse environments.

Trevor says: "Redway Networks gave me an in-depth WiFi report on what we currently had and what we could achieve in terms of performance with Cambium both now and in the future and I knew it would be a good fit for us."

Reedbut selects Cambium from Redway Networks

Trevor gave Cambium the green light and Redway's engineer recommended increasing the number of internal access points to improve wireless capacity, signal strength and data throughput from anywhere in the warehouse (as more APs would cover a smaller area and deliver faster, more consistent speeds). Redway's engineer then installed thirty-one Cambium cnPilot internal and external enterprise access points at Reedbut's warehouses and stock-holding sites in Milton Keynes, Rochester and Andover - all managed through the cnMaestro dashboard.

Trevor says: "Redway Networks did a really good job of installing our new Cambium WiFi with no impact to our business as all the hardware was pre-staged and tested to allow for a seamless migration."

Cambium WiFi delivers results

Since installing Cambium, Reedbut has seen an improvement in warehouse productivity and efficiency which has enhanced distribution and customer service. The network which includes a guest WiFi can now be managed remotely through Cambium's one pane of glass dashboard which has given the business complete network visibility and ease of management.

Trevor says: "Our new Cambium wireless solution is delivering fast, reliable coverage which has streamlined operations and enabled us to support successful automated warehousing."

"Redway Networks delivered a great project and we now have better reliability, connectivity, speed and coverage in all our warehouses. Having external access points mean we can now load our lorries outside in the forklift bays and use our wireless scanning equipment without any interruptions to connectivity, which has saved time."



Wireless + Networking Solutions. Made Simple.

Redway Networks is a leading IT infrastructure reseller with expertise in the planning, design and installation of enterprise-wide WiFi, network switching and security solutions to the UK warehousing sector. We only endorse world-leading technology products and deliver bespoke solutions that support successful automated warehousing.