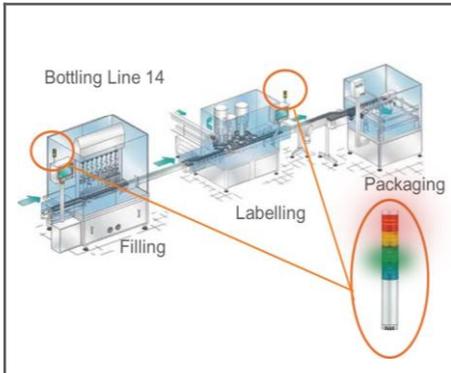


Case Study: Manufacturing

Manufacturing Workers using Spectralink Device for Alerts, Updates and Voice Communication

At the bottling facility...



...Mike the Manager has a Spectralink phone.



...and so does Ted the Technician



...and others too.



...later, during the night



Any downtime on the line, even just a few minutes, will cost the manufacturer a lot of money. A physical indicator visually shows the machine status - green signals that all is fine, red means a problem exists. It's not always possible for someone to see the colour of the lights though, which is why the signals are sent via the network to an alarm server. But the machine must be fixed quickly!

Luckily, Mike the Manager uses the **ruggedized Spectralink** device to manage machine alerts and communicate with other workers. Upon alert receipt, he uses Microsoft **Lync directory and presence** combined with a **RTLS system**, to call the closest technician. Technician Ted has also seen the alert on his Spectralink device and is on his way already. As they walk, Mike and Ted discuss the situation – and the call is **seamlessly** handled over the Wi-Fi network.

Ted quickly fixes the problem, and uses the **barcode scanner** to scan the machine's barcode, which sends the machine ID and clear codes back to the server. He updates the system, with **context sensitive keys** that make navigation easier, and feels confident that the Spectralink device **won't break** if inadvertently dropped.

Spectralink phones can be a **shared resource**, utilised as, and when needed, across shifts. The batteries and hardware are built to last, with over **10 hours talk time** from one charge, and spare batteries can be charged at the same time.

Now the line is running smoothly, Sandy the Security Guard uses one of the Wi-Fi phones while on her rounds at night, safe in the knowledge that the **panic button** and built in **motion detector** are linked to the security systems and central control room, AND push-to-talk enables **walkie-talkie** functionality.