

Increased Productivity in Material Replenishment

The water spider at Karl Storz

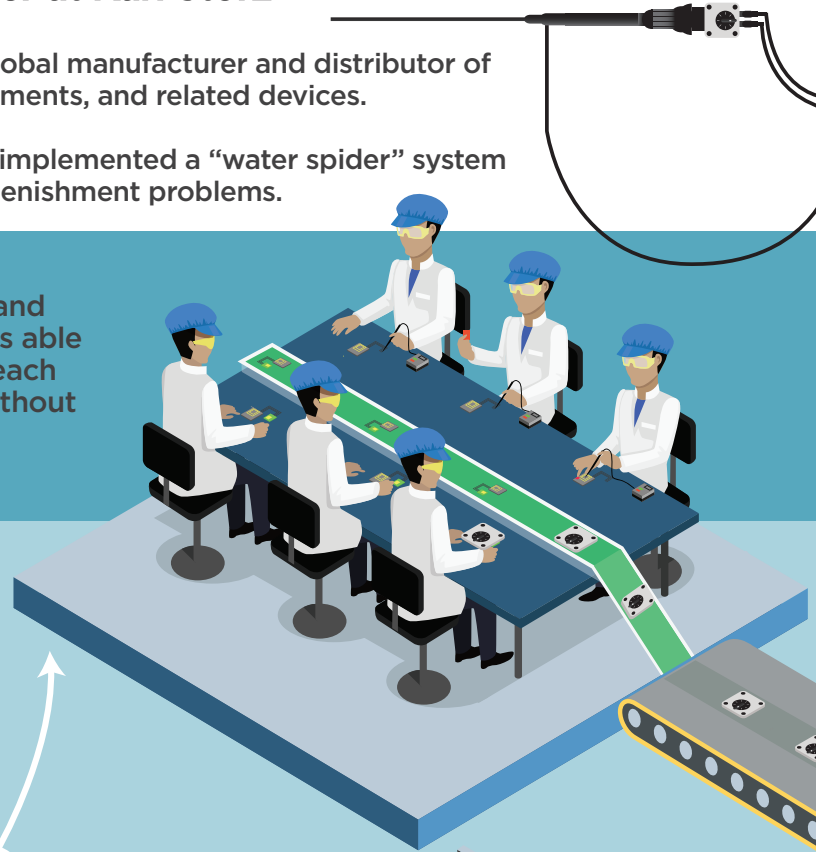
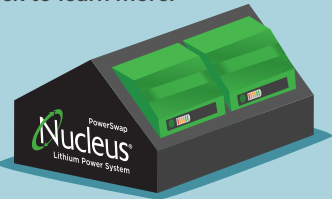
KARL STORZ Endovision, Inc. is a global manufacturer and distributor of endoscopes, medical instruments, and related devices.

To improve speed and accuracy, they implemented a “water spider” system to solve material replenishment problems.

The water spider’s role is to keep workstations stocked and replenished throughout the production line. The spider is able to track inventory and provide the materials needed to each assembler, allowing them to keep production moving without skipping a beat.

The **PowerSwap Nucleus® Lithium Power System** keeps the water spider’s Kanban cart powered throughout an entire shift and more, so they have real-time access to ERP and can transact inventory on the fly.

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- No need for assemblers to leave their workstation to collect materials
- Assembly workstations remain stocked at all times
- Assemblers experience fewer interruptions
- Water spider has real-time access to inventory via ERP system



RESULTS

- 58% reduction in costly motion
- 4 staff members relocated to value-added activities
- 80% fewer process interruptions

Overall Benefit: **40% time savings on manufacturing floor**

Infographic created by:

