

Key findings from the 2024 State of Smart Distribution Study

The age of efficiency and resilience

Verizon and Ericsson partnered on this research study to understand the transformation of distribution in retail, manufacturing and logistics industries.

In this survey of 134 retail, manufacturing and logistics warehouse executives we focused on understanding the business challenges, technology priorities and the quality of the core infrastructure that powers these critical operations.



In warehouses and distribution centers, increasing volumes and continued labor shortages are driving the need for more automation

86%

of distribution companies say labor shortages and workforce management are significant operating challenges

54%

of all warehouse/distribution center tasks will have some level of automation over the next 24 months, up from the current level of 31%



Reliable network connectivity is needed to increase throughput and enable more automation

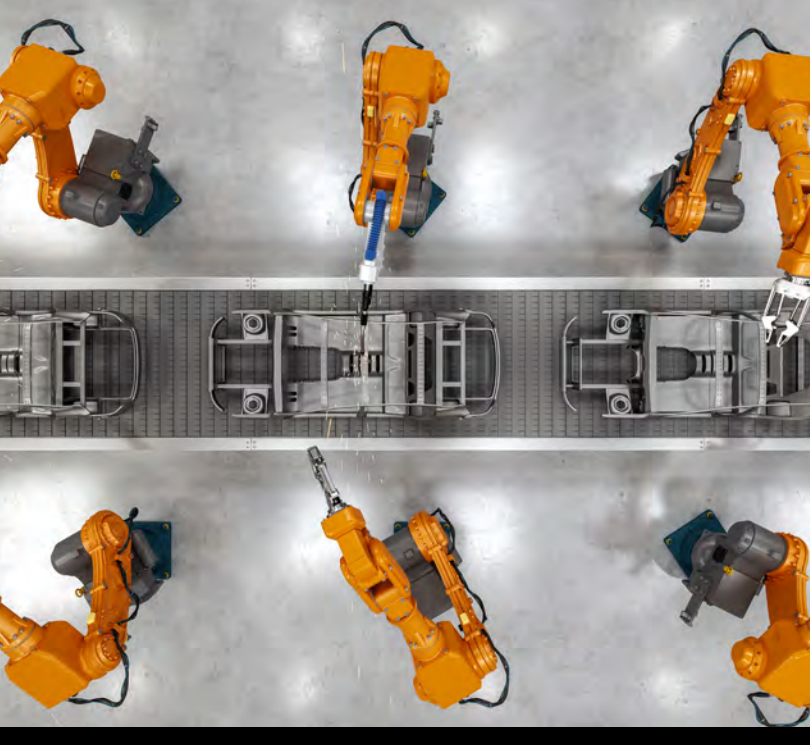
61%

of companies are dissatisfied with the reliability of their in-facility network connectivity

65%

of companies say their current network cannot support their needs over the next 24 months

Private Wireless Networks enable the acceleration of productivity, automation and innovation



Facility connectivity must be seamless and robust

Distribution businesses need to operate in diverse indoor and outdoor environments. 'Zombie' connectivity zones lead to significant rework and productivity loss.

A multi-network approach may provide the best solution

Businesses must deploy cost-effective, adaptable network solutions that offer redundancy and cater to unique operational requirements. The best approach may be a combination of Wi-Fi, private wireless and public wireless.



Private Networks are key to a robust solution...

Private Wireless Networks offer a tailored approach to connectivity, enabling consistent and predictable coverage and bandwidth while supporting critical business applications and facilitating the adoption of innovative technologies.

...and implementation expertise is a key to success

Deploying an effective network involves overcoming physical obstacles, interference, and coverage issues. Addressing these challenges requires thorough planning, expert knowledge, and a tailored network design and deployment approach.



Learn more

Contact your Verizon sales representative or visit:

www.verizon.com/business/products/networks/connectivity/private-5g-network

Download and read the full report—2024 State of Smart Distribution Study, The Age of Efficiency and Resilience at:

verizon.com/business/resources/whitepapers/2024-state-of-smart-distribution-study.pdf

