

Communications Solutions for **MANUFACTURING**

"The future competitive advantage in manufacturing will tilt back to advanced manufacturing nations with robust innovation ecosystems versus the cost competitive nations of the past. Higher value, advanced products, and processes that require excellent product quality and deliver greater margins are driving faster, permanent innovation."

– DeLoitte - Exponential Technologies in Manufacturing, 2018

LEARN HOW

KENWOOD radios and systems can work for you:

Connecting Your Manufacturing Facility with KENWOOD Solutions

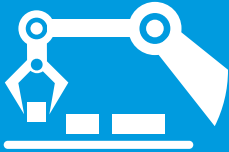


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Manufacturing is constantly under pressure to reduce costs while improving quality and increasing output, with the pressure of competing in the global market. Accurate monitoring, reporting and analytics of manufacturing processes are essential, without losing attention to worker safety. Reliable, instant communications is at the core of each of these demands.

Monitoring Critical Operations



“NEW TECHNOLOGIES are opening a new era in automation for manufacturers—one in which humans and machines will increasingly work side by side.”

– McKinsey & Company

Unscheduled down time costs millions of dollars a year due to equipment failures. Deploying radios in the manufacturing environment makes it easier to control and monitor critical processes, even with difficult to reach machinery, monitoring maintenance criteria to pinpoint what is likely to fail and when.

Replace legacy technology like cable with wireless, facilitated by specialized NEXEDGE apps for remote monitoring or deploy a Gen2 system that integrates with an existing IP network, smart phones and other mobile devices. Technicians no longer must take the time to gather diagnostics from multiple machines, scattered across the factory campus and bring them to a central control room for analysis. Data can be shared with team members for immediate analysis.



“Manufacturing automation doesn’t just include brand-new technologies. Older systems and known setups can be made more compact, get new controls, and become more efficient and accessible.”

– Robotics Insider Review

Maximizing Worker Efficiency And Safety



Radios make employees more efficient by improving the information flow throughout the facility. When every worker is connected, downtime is minimized, and all operations are both efficient and safer. The same immediate response tool so critical for productivity gains is equally critical when an accident occurs, and worker safety is compromised. Ruggedized, with superior coverage and voice clarity and features like man-down and indoor/outdoor location technology and GPS, radios can be relied upon in the factory setting when other mobile devices can fail.

Attracting, developing and retaining employees is a top concern for manufacturing executives. A safe work environment is key to fulfilling that objective.

MIL-SPEC



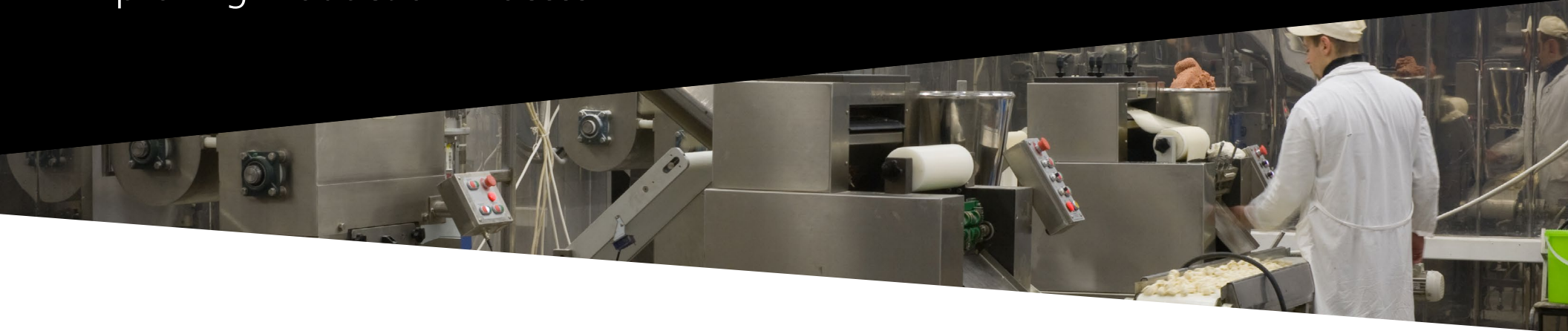
"For every \$1 spent in manufacturing, another \$1.40 is added to the U.S. economy. That is the highest multiplier effect of any economic sector. The manufacturing industry is too important to the economy and employers must take action for worker safety."

– National Association of Manufacturers

"OSHA and the Department of Justice have put employers on notice that serious jail time could be in their future if employees die as a result of violations of the Occupational Safety and Health Act and other Department of Labor statutes."

– EHS Today

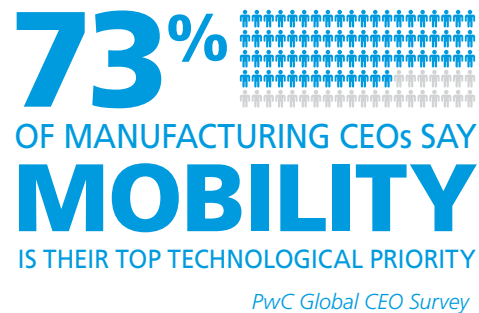
Improving Production Process



Manufacturers will continue to move away from make-to-stock and shift towards less inventory dependent build-, configure- and engineer-to-order fulfillment strategies. This tactical shift requires a faster and more agile response, both to current factory conditions and to the requirements of customers.

Human skills play an essential role in the future of manufacturing, especially where people and technology are being integrated more closely and intensively than ever before. The most successful factories are human-centered systems.

Making people more efficient in the manufacturing environment, therefore, is key. When workers are mobile, taking their expertise where needed to make rapid decisions, productivity is improved and costs reduced.



"...Peter Drucker was the one person management benchmark for 35 years. Drucker's basic message is that people are the most important asset of a manufacturing company, or of any other organization, and that management's primary job is to give people the freedom to perform"

– Industry Week



RSM Manufacturing Monitor

NEXEDGE® Digital Systems



NEXEDGE®

Improve communications throughout your plant with NEXEDGE portable and mobile digital two-way radios. A custom NEXEDGE system, with a central command-and-control to link multiple sites and channels, will meet your voice and data requirements across multiple campuses and locations.



NX-3300K2



NX-5300K3



NX-3320K2



NX-3320K3

KENWOOD



LEARN MORE ABOUT KENWOOD SOLUTIONS FOR LEADERS IN MANUFACTURING:

JVCKENWOOD USA Corporation

1440 Corporate Drive

Irving, TX 75038

kenwood.com/usa

1-800-950-5005

JVCKENWOOD Corp. manufactures analog and digital two-way radios, including P25 compliant and NEXEDGE radios that use the NXDN protocol and are capable of DMR operation. JVCKENWOOD USA provides radios and systems to public safety, utilities, government, education, healthcare and other major business and industrial markets.