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FOR IMMEDIATE RELEASE

Federal Electronics Expands Advanced Manufacturing Capabilities to Support Military and Aerospace Cable Assembly and Wire Harness Programs

CRANSTON, RI — July 2026 — Federal Electronics, a leading provider of high-reliability electronic manufacturing services (EMS), has expanded its cable assembly and wire harness manufacturing capabilities and production capacity to support the growing needs of military, defense, and aerospace OEMs.



The expansion includes investments in advanced manufacturing equipment, additional production space, workforce development, and enhanced process capabilities, further strengthening the company's ability to manufacture increasingly complex interconnect systems.

A centerpiece of the expansion is the addition of a Komax CR11 automated wire processing system, significantly increasing Federal Electronics' ability to manufacture intricate and large-scale wire harnesses used in military equipment, weapons and radar systems, aerospace platforms, communications equipment, power distribution systems, and other high-reliability applications. The CR11 provides automated marking, cutting, stripping, and wire termination across a wide range of conductor sizes, improving manufacturing consistency, throughput, and repeatability while reducing process variation.

To support continued growth, Federal Electronics has expanded its dedicated cable assembly and wire harness manufacturing area, creating additional capacity for both prototype and production programs. The company has also enhanced its manufacturing environment with a Class 10,000 (ISO Class 7) cleanroom, environmental testing capabilities, and comprehensive electrical testing to meet the stringent quality and reliability requirements of defense and aerospace customers.



These investments are supported by a highly trained workforce that includes certified IPC/WHMA-A-620 Space Addendum trainers and operators, along with manufacturing processes that meet recognized industry standards, including AS9100, ISO 9001, ISO 13485, IPC J-STD-001, J-STD-004, and J-STD-006. This combination of skilled personnel and proven processes provides customers with the process control, traceability, workmanship, and quality systems required for today's most demanding electronic assemblies.

"Our customers are under tremendous pressure to shorten product development cycles, strengthen supply chain resilience, and deliver increasingly sophisticated systems without compromising quality or reliability," said Federal Electronics President Ed Evangelista. "These investments allow us to respond with greater capacity, advanced manufacturing capabilities, and the technical expertise needed to help customers bring their products to market faster and with greater confidence."

For OEMs, these investments provide access to a manufacturing partner with expanded capabilities for cable assemblies, wire harnesses, printed circuit board assembly, and complete systems integration under a single quality management system. By offering these services under one roof, Federal Electronics helps simplify supply chains, improve configuration control, streamline program management, and accelerate new product introductions.

For more information about Federal Electronics, visit www.federalelec.com or contact sales@federalelec.com.

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About Federal Electronics

Established in 1961, Federal Electronics is a leading provider of advanced Electronics Manufacturing Services (EMS), specializing in complex, mission-critical products for industries such as defense, industrial, and medical. With over six decades of experience, the company offers comprehensive solutions that encompass engineering, supply chain management, and manufacturing services tailored to meet the unique challenges of high reliability markets.