Connectivity and edge-to-cloud integration requirements at the “thin edge,” or network infrastructure tier, of digitally transformed architectures are escalating exponentially. Concurrent evolutions in technology, standardization, and competitive landscape add to the opportunities and challenges faced by industrial Ethernet switch (IES) buyers and suppliers.

Continued advancements in Ethernet technology are expanding IES reach and capabilities. Both industrial automation and infrastructure applications continue to generate growth prospects that exceed that of the overall automation marketplace.

Supplier responses to these challenges and opportunities vary, with this latest update revealing further movement within the upper market share echelon. Numerous competitors are focused on requirements in specific industry segments such as transportation, electric power T&D, and surveillance, but also in technology areas such as Gigabit Ethernet (GE), Time-sensitive Network (TSN), Industrial IoT, and network management, among others.

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Escalating connectivity requirements and technology improvements are broadening the total available market for IES devices.

- How will IEEE 802.1 TSN, GE, and higher wattage PoE standards impact the IES market?
- What is the current and future role of IESs and other “thin edge” devices in digital transformation strategies?

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.