

# ***Using Xilinx Devices to Solve Challenges in Industrial Applications***

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The automation of factory floors is driven by the insatiable demand for higher productivity, lower total cost of ownership, and improved safety in industrial systems. To meet this demand, industrial applications require faster computing performance, reconfigurability, higher data bandwidth, and higher system level integration. Industrial applications are now pushing the limits of what traditional logic devices are able to deliver. This white paper describes the trends and challenges seen by designers and how Xilinx devices enable solutions to meet their stringent design goals.

# Industrial Automation Xilinx

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