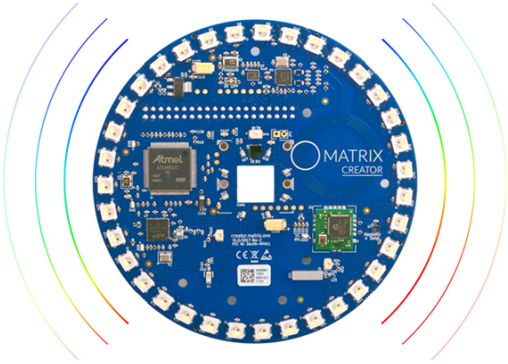
Written by Marco Attard
25. 01. 2018

Matrix Labs announces the ISE 2018 debut of the Matrix Creator and Matrix Voice IoT development platforms, both means allowing installers to build custom IoT apps featuring functionality not provided by big-name control bands.



First seen at CEDIA 2017, Matrix Creator and Matrix Voice allow the fast, efficient and affordable development of simple-to-complex IoT hardware applications, opening new possibilities to European custom installers. Both run on the proprietary Matrix OS, and handle both residential and commercial automation systems.

The Matrix Creator incorporates a Xilinx Spartan 6 FPGA, an ARM Cortex M3 microcontroller, motion, temperature, humidity, light, ultraviolet and infrared sensor, an 8-microphone array and a 35-LED array. The board is programmable in 40 different languages and also includes integrated Z-Wave and ZigBee communications as well as a range of analogue and digital input/output interfaces.

Meanwhile the Matrix Voice is a smaller board with a focus on voice recognition. In addition to integrating with Raspberry Pi, Matrix Voice can be used in standalone mode using its onboard FPGA-heavy processing capabilities.

“The reality is that integrators may not be able to satisfy all of their client’s requirements with a big-brand automation system,” the company says. “With the Matrix products in their toolkit, though, they can seamlessly build and add customized functionality to accommodate any request beyond the system’s out-of-box capabilities. The Matrix Creator and Matrix Voice fill in the gaps, serving to seamlessly pair with a whole-home or smart building automation system and satisfy all of a customer’s requests, no matter the ask.”

Go Matrix Labs