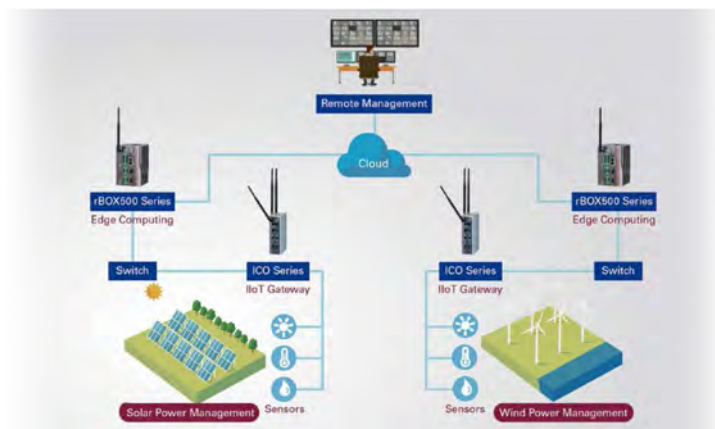# Happy Holidays From Your Axiomtek Team

Another year of serving our customers is coming to a close. We are grateful for the opportunities to invent, improve and deliver more products, solutions and services that best suit our customers' ever-changing needs. In this holiday issue of our ETI newsletter, we would like to share examples of our invention, improvement and A-plus delivery with you. We hope you find them an interesting read.

We look forward to helping our customers and partners achieve their goals and reach the level of success they desire. 2019 is going to be a great year.

From our team to yours, have a wonderful and safe holiday season!

## We Improve: To better help our customers meet their project challenges with ease



Our future success depends on our ability to adapt to changes in the market, offer solutions that solve the problems in the industry we serve and be among the first to effectively respond to developing trends. To remain at the forefront of the fast changing technology, Axiomtek develops plans with our key strategic partners who are the best in their industries to offer cutting-edge, problem-solving solutions that improve our product and service offerings and deliver higher value to our customers.

Axiomtek worked with Intel®, our technology partner, to create our newest Intel RFP Ready Kit (RRK) with focus on solar energy gateway. Our solar solution RRK supports the use of sensors, leveraging digital controls for effective monitoring and management of energy operations. It allows for better analytics, reduces labor costs and shortens response time in emergency situations. **Learn more.**

## We Innovate: To better serve our regional customers' needs

Axiomtek USA has launched its newest SMARC v2.0 module, the **SCM180**. Led by the local design engineering team, the product was conceived and manufactured in the US in support of the region's rising preferences for a mobile, RISC-based SOM with rich features such as those of the **SCM180**'s. The US design engineering team recognized the needs and developed the **SCM180** to serve our region's growing demands for products with a balance of quality, versatility and usability.

The **SCM180** is among the best in its class. It delivers a unique combination of versatility, enhanced

security and ruggedness not commonly seen in similar modules in the market. It features Trusted Platform Module (TPM) for optimum security with a discrete, dedicated microcontroller designed to support hardware encryption and decryption. It is scalable, with a choice of quad- or dual-core Arm® Cortex®-A53 processors. Its flexibility includes options for operating temperature ranges for indoor commercial use vs. a much harsher industrial's environments. **Read more about the product here.**

## We Deliver: We go above and beyond our call of duty to support our customers

Axiomtek is proud to have been selected as the key strategic hardware provider by Alert Innovation, the company Walmart has entrusted with their quest to revolutionize the retail industry. Alert Innovation has developed the Alphabot® system, a highly efficient, "first-of-its-kind" robotic system designed to automate Walmart's online grocery storage and fulfillment.

Alert Innovation has been working closely with Axiomtek's Eastern region business unit, Axiomtek Systems. The Alert team recognizes Axiomtek for their business ethics and customer-centric approach.

*"Axiomtek has been our leading embedded computing supplier from day one," said Matthew Coady, Senior Director of Electrical Engineering and Controls. "We chose them because their products and team consistently met our stringent project requirements, delivering quality, performance, support and all the features our applications required."* **Read more here.**

## Product Showcase

**SCM180** - **Highly Versatile SMARC v2.0 System on Module with Enhanced Security**

- Scalable ultra low power i.MX 8M with choices of dual or quad A53 core
- Features Trusted Platform Module (TPM) for optimum security
- Rich I/Os with one GbE LAN, two COMs TX/RX/ RTS/CTS, two RX/TX, two USB 3.0, one USB 2.0, one OTG client, two CAN 2.0B, three I2C and one I2S

- Flexible operating temperature ranges: 0°C to +85°C (+32°F to +185°F) for commercial use, and -40°C to +85°C (-40°F to +185°F) for industrial use

## eBOX560-512-FL - Ultra Compact, Feature-Rich Fanless Embedded System



- Scalable CPU options with Intel® Core™ i5-7300U or Celeron® 3965U Processors
- Rich I/Os with two GbE LANs, two RS-232/422/485, four USB 3.0, two HDMIs with dual-view support and two SMA-type connector opening for antennas
- Operational stability with wide operating temperature range of -10°C to +50°C (+14°F to +122°F)
- Supports AXView 2.0 intelligent embedded monitoring software for IIoT

## ICO320-83C - Robust, Customizable DIN-Rail Embedded System



- IP40-rated IoT gateway device powered by Intel® Celeron® Processor N3350
- Rich I/Os with four RJ-45 PoE GbE, two DB9 COMs (one is optional for CANbus 2.0A/B), two USB 3.0, one 8-bit programmable DIO and one VGA
- Features wide range power input of 12V to 24V DC and OVP/UVP/ OCP/RVP power protection
- Supports AXView 2.0 intelligent embedded monitoring software for IIoT

## GOT110-316 - Slim, Rugged 10.4-Inch Fanless Touch Panel Computer



- IP65-rated XGA TFT LCD display with LED backlight and 350 nits of brightness
- Powered by Intel® Celeron® Processor N3350
- Rich I/O options with two GbE LANs, two COMs, four USB 3.0, one HDMI and one ATX/AT switch
- Features peripheral support for MSR, RFID, Wi-Fi, smart card reader and barcode scanner
- Provides optional PoE solution for centralized power management through one Ethernet cable