Celebrate With Technology

AXIOMTEK

Here's to a safe, healthy and happy holiday season...

2020 is on the horizon and we, at Axiomtek, are excited to embark upon new journeys alongside our customers and partners. In this edition of our ETI newsletter, we would like to share some interesting reads about recent retail technologies, our white paper on smart cities' mobility and some product news.

Most importantly, we would like to say thank you for your support throughout the years. We wish you a holiday season that sparkles with moments of laughter, love and joy. May the year ahead be full of success and happiness.

Happy Holidays!

Your Axiomtek Team

Read the full holiday ETI issue >

Technologies that drive the retail industry's success

The holidays are coming near. The retail industry is gearing up to make the most out of the crucial seasonal period. As the competition during this time is heating up, technologies have become the key to success - or survival - in the ever-changing climate of this industry.

An emerging trend in the industry is the use of advanced visual retail technology to attract more customers and generate more sales. Shopping malls,quick service restaurants (QSRs), grocery stores and more are encouraging higher engagement that helps propel the bottom line with their customers through the use of smart visual retail displays, self-service kiosks and interactive touch computers.

What are these technologies and how can they make a difference?

Read the article >

Managing smart cities' mobility with intelligent technologies

The changing face of the world of mobility has been influenced by new technologies and growing needs for better and safer ways to commute and transport goods. Population density is on the rise in

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metropolitan areas, as is the amount of traffic. Meanwhile, new transportation options like Uber, Lyft and electric scooters like Birds have changed the dynamics of end-to-end travel. The use of drones in business, among other new, work-in-progress concepts, are becoming the faces of the future.

All of these factors contribute to poorer air quality, more congested roadways, increased traffic accidents and longer commute. Eventually, air space in cities will critically need to be smartly managed. Beyond the impact of these factors that clearly influence commuter safety and convenience are also significant economic ramifications.

These challenges have given rise to new ways to solve issues using technologies. Smart cities concept has brought about smart transit, smart logistics, smart traffic management and overall more intelligence in mobility. The concept of intelligent transportation systems (ITS) has been established to serve smart cities' needs for better transportation systems. It is made possible on the foundation of better and more advanced computer technologies, which are the fundamental building blocks of smart cities' successful, sustainable development.

Read the white paper >

Versatile, powerful module for broad range of applications

The compact RISC-based **SCM180**, a SMARC v2.0 system on module, was designed by Axiomtek USA to meet the rising need for a versatile board with low power consumption and high performance in the local North American region. It is tested and works well with QNX BSP for ease of application development. It is powered by the i.MX 8M processor and offers true customer value with its many useful features.

Learn more >

Enhanced efficiency with smart automation technology

Axiomtek's industrial automation solutions for robotics, machine vision, smart factory and warehouse applications offer customizable features, high durability and long product lifespans. Our compact **eBOX560-900-FL** is equipped with the advanced NVIDIA® JETSON™ TX2 system to deliver high computing power for AI and deep learning applications for fast and accurate results.

Learn more >

Technologies that revolutionize the healthcare industry

Axiomtek focuses on innovating highly reliable computer solutions for medical device manufacturers and OEMs/ODMs. The 10.1", IP65-rated **MPC103-845** is medically certified with 4th EN 60601-1, CE and FCC for integration into medical devices. We also offer board- and system-level customization and engineering services to help our customers meet their project challenges.

Learn more >

Durable computer solutions for mission-critical oil & gas projects

We manufacture highly ruggedized industrial computer products to serve major oil and gas companies. These embedded systems consume very low power and work well with solar backup power source. They have been used in oil fields to manage critical operational functions such as controlling wellhead petrochemical equipment operations and testing. Our **rBOX510-6COM** is ATEX/C1D2-certified to deliver the highest level of operational safety and stability. It also offers a wide operating temperature range and is equipped with our remote monitoring software.

Learn more >

Product Showcase

ITC150WM-300S - **Advanced Interactive Touch Computer**

This sleek touch panel PC is powered by built-in Intel® N3350® or Core™ i5 Smart Display Module. The product line is designed with focus on delivering a balance between performance, flexibility, reliability and ease of upgrade.

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SKM500 Series - High Performance Smart Kiosk Module

The smart module offers high processing power with choices of Intel® 8th Gen Core™ i7/i5/i3 processors. It is designed to be future-proofed and easy to integrate. It offers rich interfaces and is made especially for kiosk control.

Agent336 - Rugged E-Mark Certified Embedded Computer

Powered by the NXP i.MX 8M processor, this embedded system offers ruggedness and great features for in-vehicle operations, i.e., I/Os with COM ports, DIO, isolated CANBus, PCIe slots, modules for 3G/4G, GPS and Wi-Fi connections.

IPC974-519-FL - Expandable 4-Slot Industrial System

This AIoT system delivers great flexibility for a variety of industrial applications. It offers CPU choices including the powerful Intel® Xeon® E3 v5. It supports NVIDIA® GPU and is designed for deep learning and edge computing applications.

PICO51R - Versatile, Scalable Pico-ITX Motherboard

This small yet powerful motherboard is powered by choices of the 7th Gen Intel® Core™ i7/i5/i3 or Celeron® processors. Its special design offers reversed onboard CPU to aid with heat dissipation and fit in space constraint enclosures.

tBOX324-894-FL - Certified Embedded PC for Vehicle, Rail and Marine

The rugged tBOX offers a combination of reliability, durability and rich features. It is designed to withstand harsh operating environments. It offers many purpose-built features designed for on-board mass transit vehicle operations.

Happy Holidays and a JOYFUL NEW YEAR FROM YOUR AXIOMTEK TEAM