



The month of November brings in an anticipation of new things and we at SMART Wireless, remain committed to provide our customers with high quality cost-effective products that are delivered on time.

In this issue of our Newsletter, we share insights on creating a scalable and dependable IoT device management solution that can provide lifecycle management services for deployed devices. Our next article illustrates how our platforms can be the main computing device on a robot through the RoS framework. We conclude with a technical article on incorporating circuit protection design techniques in our products to provide extremely reliable IoT solutions!

We hope you enjoy reading our content as much as we love creating it!

Product and Software updates

- An update Android release for the Qualcomm[®] Snapdragon[™] 450 based [SBC](#) for digital signage that enables USB-3 and other updates.
Update: BSP V0.9
- An update Android release for the Qualcomm[®] Snapdragon[™] 820 based [reference design](#) for Smart Whiteboards that enables DP on Type-C, VGA input detection and other updates.
Update: BSP V1.05

Events



We will be showcasing our product solutions in the IoT space at the “Chip One Stop Online Exhibition 2020 Autumn” which is being held online from October 27th to December 4th of 2020.

[Visit >>](#)

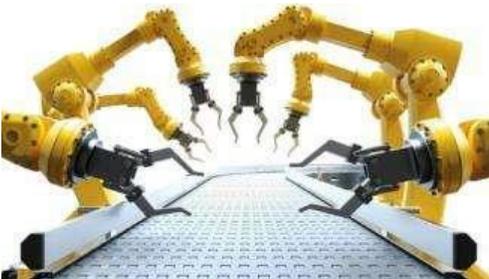
IoT Device Management on SMART Wireless Products



Applications reliant on the IoT ecosystem to deliver transformative business value need a scalable and dependable device management solution that ensures that all devices are current, always accessible and secure. Lifecycle management services coupled with secure deployment of firmware updates and troubleshooting of deployed devices is part of our solution suite.

[Read More >>](#)

Driving robots through ROS enabled on our platforms



The Robotics Operating System has been made available for ARM which makes it possible for our platforms to be the main compute device for robots! We have qualified ROS Noetic on our platforms running Debian Linux to kick start your creation of the next robot!

[Read more>>](#)

Creating Reliable IoT products with circuit protection design techniques



Product designers worry about device functionality and performance primarily but as more devices get included into the IoT infrastructure, it is essential to include circuit protection techniques in to the product design cycle.

[Read more >>](#)