Keeping Drones and Airways Safe and Secure

Hi %%first_name%% %%last_name%%,

Looking for the perfect holiday gift for the tech enthusiasts on your list? Hobbyist Drones are flying high this year! But also in the professional space, drones are taking off. In fact, Gartner estimates there will be 10 times more commercial drones than manned aircraft by 2020. Although drones give busy professionals like Santa a hand with, as the number of vehicles expands, cyber security and safety concerns are also on the rise. Collision risks, drone hacking and privacy concerns are real and must be addressed in order for enterprises and consumers to trust the value of unmanned aircraft vehicles (UAVs).

The FAA and the EASA are taking the lead in developing a strong regulatory framework that leverages mobile networks and unmanned traffic management (UTM) platforms to mitigate risk. UTMs can authenticate identity and receive a range of sensitive data including telemetry, flight plan updates, or command and control data to help keep the skies safe. The entire ecosystem needs trust at every stage, from drone manufacturing and deployment through to flights and post operations. Gemalto technology is helping every step of the way, allowing UAVs to seamlessly connect, securely communicate and to ID pilots and devices with strong verification services. To learn more about securing drones, watch this video and visit our website or contact a Gemalto expert for a consultation.

Best regards,
Three Reasons to Get Excited About NarrowBand IoT!

NB-IoT is fast emerging as LPWA technology ideal for IIoT applications. Gemalto and Huawei have teamed up to create a new NB-IoT module that will 1) enable massive amounts of connections efficiently - up to 50,000 per NB-IoT network cell 2) require very little power enabling a battery life of 10-15 years, and 3) deliver improved indoor coverage of +20dB.

What’s All The Buzz About NB-IoT?

The NB-IoT module market is expected to grow at a CAGR of more than 60 percent accounting for 20% of all modules shipments by 2021 according to ABI Research. NB-IoT modules make efficient use of existing LTE networks, delivering the tried and true reliability and security of cellular plus new levels of simplicity as well as power and data efficiency.

➡️ Read more here.
So are we! As manufacturing systems are connected, new attack vectors and vulnerabilities are emerging. Join Gemalto IIoT expert, Stephane Quetglas and industry leaders from SAP and IHS for an IoT Enterprise Insights webinar exploring the pitfalls and practical steps needed to minimize breaches and secure smart manufacturing and supply chain systems. The event takes place online Wednesday, Dec 6 at 11:00 AM Eastern.

Register here.

In our ongoing customer video series, Marek Zamarski from SECTRON, an innovative distributor, describes how they leverage Gemalto’s technology and help their customers to stay ahead of competition.

Watch the video here.

Back by popular demand, Gemalto’s annual IoT-Inspired Holiday Countdown has begun! Click on our calendar every weekday and answer an IoT trivia question to be entered in a random drawing to win cool prizes. Play everyday to boost your IoT intelligence and increase your chance of winning! Winners will be announced online on December 22.

Visit the calendar and win.

Read the Gemalto blog to learn how the gist of smartphones - the connectivity module, a system on chip, a trusted safety zone and power - might be all that’s needed in the future. And in the future, mobility services will rule, as long as they are personalized, private and trusted.

Read more here.