

pressrelease

Gemalto launches world's first "all-in-one" IoT module delivering global LTE connectivity

New IoT module provides 12 band LTE coverage plus fall back to 3G and 2G in a single device

Amsterdam, November 9, 2017 – Gemalto, the world leader in digital security, is expanding Industrial IoT connectivity with a significant breakthrough in wireless engineering – the industry's first [IoT module](#) to provide global connectivity on 12 LTE bands plus, 3G and 2G cellular coverage all from a single device. This greatly simplifies logistics and distribution and lowers the cost of global IoT deployments. In the decade ahead, the Industrial Internet of Things (IIoT) market value is expected to exceed \$195 billion, transforming manufacturing, energy, transportation and many other sectors¹. Coined the 4th Industrial Revolution, the IIoT relies on highly efficient, global connectivity solutions that can be easily deployed anywhere in the world.

The 'all-in-one' IoT module

The new Gemalto [Cinterion® PLS62-W IoT Module](#) delivers highly efficient [LTE Cat. 1](#) connectivity on all 12 LTE bands while providing seamless fallback to multi band 3G and 2G networks if 4G is not available. This allows device manufacturers and integrators to develop one application that can connect anywhere in the world, even when solutions move between different regions and cellular network standards.



Embedded systems simplify and speed up new product development

A powerful Java® embedded system included in the IoT Module adds processing power to [IoT solutions](#). It makes application design easier and faster by sharing memory, a large library of existing open source code and recognized software building blocks. In addition, it simplifies lifecycle management and streamlines integration with back-end IT systems.

Optimized power management

An advanced power management system ensures reliability, and provides optimized sleep mode to preserve power and extend battery life. This is critical for remote industrial applications, a sector expected to reach 5.2 billion in by 2025².

"Ideal for worldwide tracking and tracing, telematics and fleet management solutions, the Cinterion multi band LTE Cat. 1 module with 3G, 2G fallback is a one stop shop for cellular [IoT connectivity](#), no matter where your IoT solutions are deployed or where they move," said Andreas Haegle, senior vice president IoT products at Gemalto. "The highly efficient Cinterion PLS62-W is perfectly suited for applications that need to operate across many different wireless network environments for many years.

¹ [Markets and Markets](#)

² [Grand View Research](#)

Related resources:

[Cinterion® PLS62-W IoT Module](#)

IoT Module [Product Datasheet](#)

About Gemalto

Gemalto (Euronext NL0000400653 GTO) is the global leader in [digital security](#), with 2016 annual revenues of €3.1 billion and customers in over 180 countries. We bring trust to an increasingly connected world.

From secure software to biometrics and encryption, our technologies and services enable businesses and governments to authenticate identities and protect data so they stay safe and enable services in personal devices, connected objects, the cloud and in between.

Gemalto's solutions are at the heart of modern life, from payment to enterprise security and the internet of things. We authenticate people, transactions and objects, encrypt data and create value for software – enabling our clients to deliver secure digital services for billions of individuals and things.

Our 15,000+ employees operate out of 112 offices, 43 personalization and data centers, and 30 research and software development centers located in 48 countries.

For more information visit www.gemalto.com, or follow [@gemalto](https://twitter.com/gemalto) on Twitter.

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