
PRESS RELEASE

MicroEJ® and Witekio achieve geolocation data push through SIGFOX connectivity for IoT devices

The collaboration shows how Witekio can allow manufacturers to successfully integrate MicroEJ technology into their embedded or IoT project

Boston – October 6, 2016 — MicroEJ® and Witekio today announced their collaboration on a solution that uses a connection to a SIGFOX low-power wide-area network (LPWAN) of a geolocation application running on MicroEJ OS and an ARM Cortex-M evaluation board from STMicroelectronics.

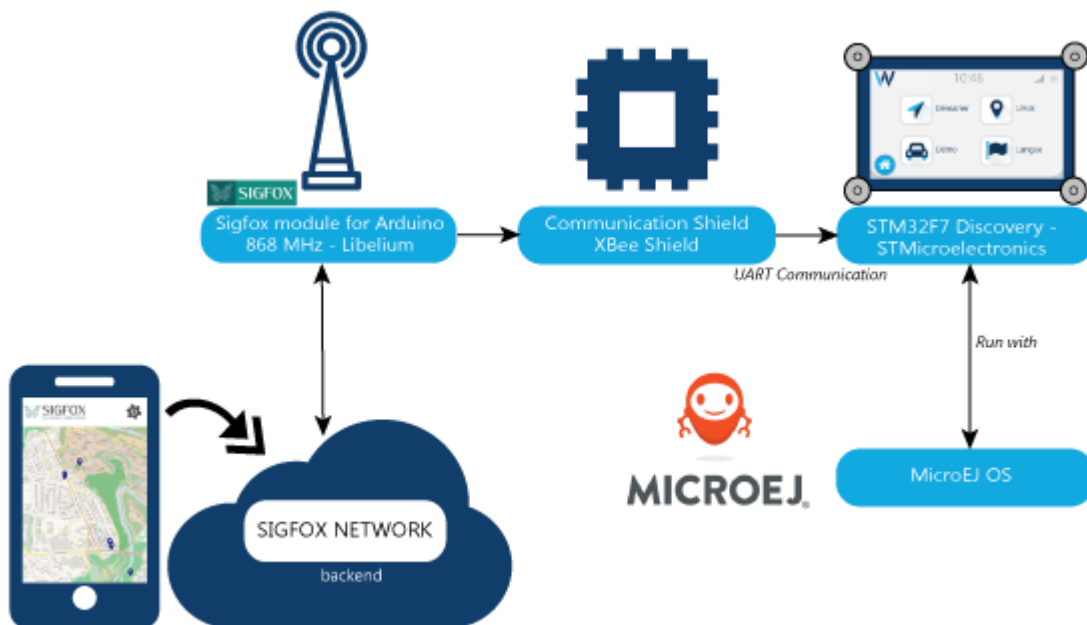
This project is an example of a first successful collaboration and an illustration of the global partnership between the two companies. The partnership aims at offering Witekio's system software integration services to customers choosing MicroEJ products for developing their next generation of cloud connected IoT solutions.

The companies demonstrated a geolocation system that uses a SIGFOX LPWAN to collect and store location data of connected objects. This system includes an embedded device prototyped on an STMicroelectronics STM32F7 evaluation kit running MicroEJ OS and connected to the SIGFOX network through a SigBee radio module. Dedicated embedded applications were developed for MicroEJ OS: a system configuration app, a graphical user interface for live positioning, a system interaction app for triggering position recording through a GPS module, and a data push app for pushing location data over the SIGFOX network. Published location data is stored on SIGFOX network backend infrastructure. Data can be collected and observed on a user-friendly map from a mobile application running on Apple iOS or Google Android tablets and smartphones and connected to the SIGFOX backend.

“This project demonstrates how MicroEJ solutions can be used to create connected and interactive applications for cost-effective embedded and IoT devices in record time thanks to MicroEJ OS and associated development tools,” said Fred Rivard, CEO of MicroEJ. *“MicroEJ and Witekio offer complementary technologies and skillsets to support the development and deployment of innovative embedded and IoT customer projects.”*

“Witekio is a system software integrator capable of helping customers develop and integrate all their software layers from hardware to the cloud,” said Yannick Chammings, CEO of Witekio. “We enjoy successful collaboration on joint customer projects with MicroEJ on ARM-based microcontrollers and microprocessors. Our companies have complementary expertise and offer complete solution with tools, technologies and integration services.”

System Overview



About Witekio

Witekio’s adventure started 15 years ago under the name Adeneo Embedded, as a precursor of complex and connected embedded systems. Witekio is an embedded software expert with a system level approach, engineering and integrating intelligent systems software for any device from the hardware to the cloud. We bring expertise on both low (OS, driver, firmware) and high level software (application, connectivity, cloud) associated with a usage knowledge on specific markets that allows the best choices in technologies and architecture for the best performance and security.

Through our worldwide teams (Europe, USA, Asia), we help our customers, in all stages of development, to enable the success of their embedded systems or smart device projects and maximize their efficiency.

About MicroEJ

MicroEJ provides software and application solutions to enable device manufacturers to deliver cost-effective, scalable IoT products to the smart world. Headquartered in France, with offices in Germany and the United

States, MicroEJ offers a full suite of IoT solutions for device software development, application development, data collection, and application deployment. MicroEJ OS, software development tools, and online application store enable large-scale deployments of IoT devices using processors starting at \$1. MicroEJ delivers faster time to market, reduced cost of ownership of software, and new revenue opportunities for its customers in markets such as wearables, home appliances, home automation, healthcare, and industrial automation. For more information, please visit www.microej.com

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