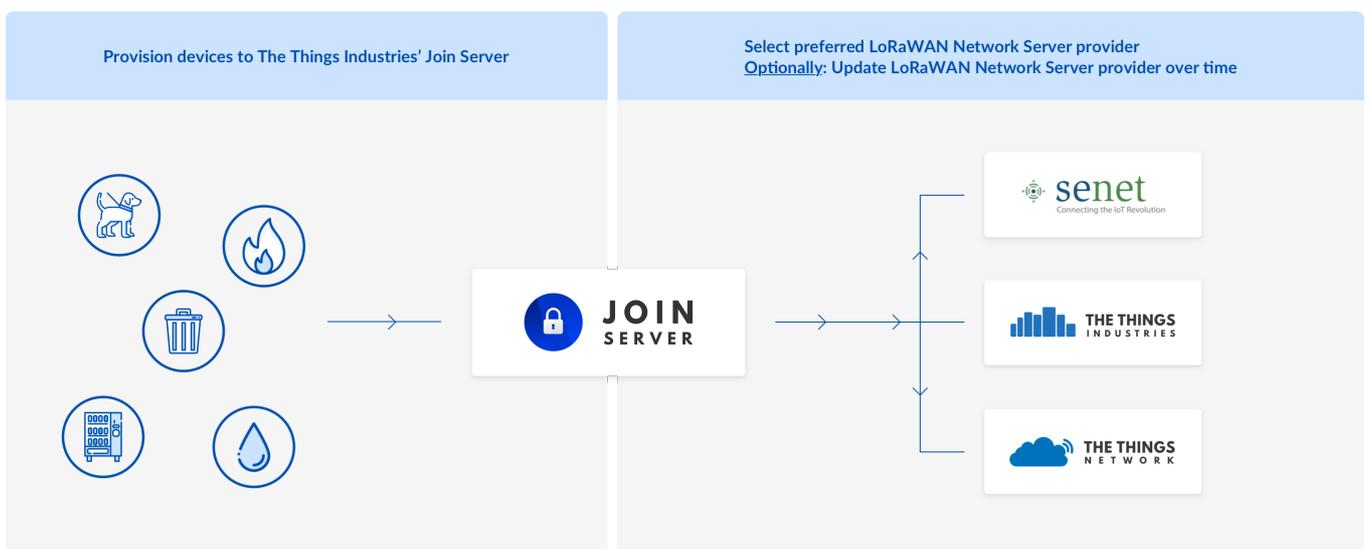




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# Senet and The Things Industries Connect Their LoRaWAN® Networks

**Amsterdam, January 30 2020:** [The Things Industries](#) and [Senet, Inc.](#) a leading provider of cloud-based software and services platforms to enable global connectivity and the on-demand network build-out for the Internet of Things (IoT), today announce **the interconnection of their LoRaWAN® networks to The Things Industries LoRaWAN public Join-Server**, giving device manufacturers and solution providers **the opportunity to provision end-devices once and the freedom to choose to deploy those devices on either Senet's or The Things Industries' global networks**. Senet built their integration to The Things Industries' securely managed Join-Server interfaces using LoRaWAN compliant back-end interfaces and recently standardized enhancements supporting Join-Server re-provisioning. This announcement was made at [The Things Conference](#) held in Amsterdam on January 30-31, 2020.



Both Senet and The Things Industries are active contributors and leaders within the LoRa Alliance and believe that only through standardization and interoperability is it possible to realize massive-scale and global deployments of IoT solutions. The result of this collaboration is to further advance the democratization of IoT, removing the friction associated with massive-scale provisioning of end-devices and returning more choice to solution providers, thereby benefiting the entire ecosystem.

*Standardization between LoRaWAN networks and interoperability between network providers is the best way forward, leading to global LoRaWAN adoption. We put end-users in the position to choose their preferred secure LoRaWAN network, not only during the initial installation, but also during the 10 years of a connected device's lifetime.*

— Johan Stokking, CTO of The Things Industries and Tech Lead of The Things Network

*Massively scaled IoT deployments can only be achieved through the optimization of not only the cost and form-factor of the end-devices, but most importantly, through the optimization of the manufacturing and deployment process itself. Through this collaboration, Senet and TTI are providing a stream-lined, zero-touch ability to subscribe end-devices to multiple networks – unlocking the ability to quickly and easily deploy devices in any situation.*

— Dave Kjendal, Senet's CTO

An interoperability milestone was achieved in October 2017 when the LoRa-Alliance released the LoRaWAN Back-end Interfaces V1.0 specification (source). The standardization of the inner workings of the Network Servers, Join Servers and Application Servers laid the groundwork for interconnecting LoRaWAN networks on a global scale. The document specifies the role of the different backend components of a LoRaWAN Network, allowing for interoperability and interconnection between networks. The LoRaWAN Back-End Interfaces defines an architectural component called the Join-Server and specifies its interfaces. This component stores the end device's security credentials and generates the session keys required for secure and private communications.

Representatives from both Senet and The Things Industries were on hand at [The Things Conference](#) to discuss this collaboration and how LoRaWAN has become the dominant standard for unlicensed Low Power Wide Area Network connectivity across markets and applications.

## **About Senet**

Senet develops cloud-based software and services used by Network Operators, Application Developers and System Integrators for the on-demand deployment of Internet of Things (IoT) networks. In addition to industrial and commercial applications, Senet has designed smart meter networks for many municipal water utility districts across North America, representing millions of households. With a multi-year head start over competing Low Power Wide Area Network technologies, Senet offers technology in over eighty countries and owns and operates the largest publicly available LoRaWAN network in North America. Our disruptive go-to-market models and critical technical advantages have helped us become a leading connectivity provider with recognized expertise in building and operating global IoT networks. For additional information, visit [www.senetco.com](http://www.senetco.com)

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## **About The Things Industries**

The Things Industries provides enterprise-grade technology for customers to build private LoRaWAN networks. Its technology is user-centric and meets the demands of scalability, flexibility and security. Its API-first approach allows customers to seamlessly integrate into existing systems and infrastructure. TTI supports an installed base of roughly 15 000 LoRaWAN gateways globally. For more information, visit [www.thethingsindustries.com](http://www.thethingsindustries.com)

The Things Industries founded The Things Network, a global LoRaWAN data network with a set of open tools to build your next IoT application at low cost, featuring maximum security and ready to scale. Through robust end-to-end encryption, a secure and collaborative Internet of Things network is built that spans across 100+ countries around the globe. Now operating thousands of gateways providing coverage to millions of people.



The Things Industries