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## TOSIBOX® technology integrated into Ekinex building automation solution

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Ekinex integrates TOSIBOX® technology into its solution and creates SMART-U remote control and monitoring solution for IoT applications.

[Tosibox](#) from Oulu, Finland has created the secure and user-friendly TOSIBOX® remote access technology that has now been integrated into [Ekinex](#)'s SMART-U PLC product; a remote control and monitoring unit that integrates in one device the features of an I/O PLC, Web HMI HTML5 and teleservice.

The SMART-U integrates the TOSIBOX® technology to enable a fast and secure remote connection. Thanks to the patented TOSIBOX® system, users can connect to SMART-U via a direct VPN tunnel without having to pass data from a cloud server. Additionally, the SMART-U can be added to a set of previously configured TOSIBOX® devices, enabling an expansion of the machine network without requiring structural changes.

“The main benefit of integrating TOSIBOX® technology is removing the need for hardware TOSIBOX® Locks to protect the product, while still getting that added security which improves the functionality of the product,” says **Harri Väänänen**, Business Manager, Licensing at Tosibox.

The TOSIBOX® Key, based on 2048-bit RSA encryption, is the only means of remote access to SMART-U, so the security of connections is guaranteed at the highest level. The integration into the TOSIBOX® system allows the user to communicate with standard routers and TOSIBOX® Virtual Central Lock, thus allowing continuous monitoring on remote stations from the central data collection point.

“We are very pleased to have the award-winning TOSIBOX® technology on board our product. The high level of security brings added value to our solution”, says **Francesco De Antoni**, Product Development at Ekinex.

### More information:

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### About Ekinex

Founded in 1994, SBS is an Italian company active at national and international level in the consumer electronics business. In 2013, SBS decides to launch a new initiative in electronics, this time applied to buildings. Ekinex is born. With a team of experts from KNX, the world

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standard for home and building automation, the Ekinex brand is on the international market in 2014.

## **About Tosibox**

Tosibox Oy offers easy and secure remote connections to the Internet. The Finnish company aims to develop the world's best, most secure Internet connection that can be used to implement solutions for the Internet of Things and other purposes. TOSIBOX® products are used in 123 countries. [www.tosibox.com](http://www.tosibox.com)