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## GRÖNINGER CLEANING SYSTEMS REMOTELY MANAGES MACHINES WITH TOSIBOX®

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Cleaning systems manufacturer maintains systems remotely thanks to reliable and secure TOSIBOX® remote connection.

The Finnish company [Tosibox Oy](#) provides a remote access solution that enables remote site support and active monitoring of [Gröninger Cleaning Systems](#)' globally installed systems. Gröninger Cleaning Systems supplies their systems globally to, among others, Vietnam, Germany, Austria, Belgium and Israel. Security, operational reliability and easy setup of the remote access system were very important criteria when choosing TOSIBOX®. The highly secure TOSIBOX® connectivity solution is easy to set up even without special IT skills.

Gröninger Cleaning Systems equipped its machinery in remote locations with [TOSIBOX® Locks](#), enabling remote control and maintenance. Behind each TOSIBOX® Lock there are about 30 to 40 devices such as drives, PLCs, HMIs and control cabinets that are connected and directly accessible via a [TOSIBOX® Key](#). In case Gröninger's customer wants access to process data like tank levels, they can be shared remote access via an additional sub key. This way access management remains very easy and secure.

"One convenient feature of TOSIBOX® is the WiFi capability. Whenever a Gröninger engineer is on site, they can get access to the internet via the WiFi to TOSIBOX® Lock. There is thus no need to ask for the customer to grant network access," [Jeroen Bloemendal](#), Tosibox Sales Manager explains.

TOSIBOX® has provided Gröninger Cleaning Systems with a reliable connectivity solution with a "self-healing" network. Dropped connections are automatically reconnected thanks to the TosiOnline™ feature.

"Security, operational reliability and ease of use were important to us. TOSIBOX® solution perfectly answers all our needs," says [Geert-Jan van den Eijnden](#), Project Engineer ICT at Gröninger Cleaning Systems.

As the network grows, Gröninger Cleaning Systems is considering introducing [TOSIBOX® Virtual Central Lock](#) to the ecosystem. The Virtual Central Lock turns the TOSIBOX® ecosystem into a controlled IoT network of always-on VPN connections for remote maintenance, continuous monitoring, real-time data collection and data logging. Moreover, the Virtual Central Lock enables centralized access management with access groups.

TOSIBOX® products are considered best in class in industrial automation and machinery engineering. Industrial IoT (IIoT) networks are typically set up by industrial equipment suppliers to remotely monitor devices they are responsible for. Increasingly, also the users of the appliances – i.e. industrial manufacturers – set up and manage IIoT networks.

"Technology changes the world and the way businesses operate. We cut through the technological complexity by offering an easy and entirely operator, network and device independent way of building an IIoT platform," says [Jarno Limnelli](#), CEO at Tosibox Oy.



#### **More information**

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#### **About Gröninger Cleaning Systems**

Gröninger Cleaning Systems is an innovative, global designer and manufacturer of (high and low-pressure) cleaning systems. The company provides complete systems, from simple units to turn-key solutions. The company's activities include design, development, engineering, installation and service of the complete cleaning technology as well as the infrastructure around it. Even the most specific customer requirements can be met through customization. [www.groninger.nl](http://www.groninger.nl)

#### **About Tosibox**

Tosibox has taken connectivity and made it simple. TOSIBOX® solution is a game changer for secure IoT connectivity, remote maintenance and network management. The award-winning TOSIBOX® products are manufactured in Finland and used in more than 120 countries. [www.tosibox.com](http://www.tosibox.com)