

Press release, November 22, 2018

## ARCTIC DRILLING COMPANY ENJOYS SECURE DATA COLLECTION WITH TOSIBOX® LOCK 500

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TOSIBOX® connectivity solution ensures reliable remote maintenance for moving drilling units.

The high-performance [TOSIBOX® Lock 500](#) developed by the Finnish company [Tosibox Oy](#) matches Arctic Drilling Company's needs perfectly. TOSIBOX® Lock 500 is installed to Arctic Drilling Company's moving drilling units at the company's factory in Finland, before they're shipped off to work sites. For maintenance purposes, servicemen use [TOSIBOX® Keys](#) for establishing a remote connection, after the drilling unit is in use anywhere in the world.

For the moving drilling units, a compact installation of one remote access device was considered optimal. The Lock 500i version with integrated modem does not require any additional pieces, is of compact size and fits well with other systems. Thanks to the Lock 500's dual SIM feature, Arctic Drilling Company can utilize various operators for connectivity wherever the drilling units may be.

"Thanks to TOSIBOX®, we have been able to solve 80% of issues remotely this year. On an annual basis, the savings from remote maintenance can be measured in millions of euros," says **Joni Niskala**, Manager, Maintenance at Arctic Drilling Company.

TOSIBOX® creates a fully secure, two-way connection for remote access and data collection. Thanks to the massive throughput of TOSIBOX® Lock 500, Arctic Drilling Company can also collect large amounts of real-time data about the drilling units' performance for product development and improvement purposes. As the data is processed by an external partner, easy access management was of high importance.

[TOSIBOX® Virtual Central Lock](#) acts as the platform for centralized access management. The data analysis partner's server storing the collected data is also connected to the Virtual Central Lock, and the partner's representatives get access to just that data and nothing else.

"The need for secure high performance connectivity solutions generated by the fast growth of the IoT is visible even in the mining industry. Tosibox offers evident savings to global players, who benefit from performing operations remotely," says **Jarno Limnell**, CEO at Tosibox.

The new TOSIBOX® Lock 500 [became available](#) earlier this year. The product has already been praised by users, who have been amazed by its extreme usability and increased speed of communication. TOSIBOX® Lock 500 was [recently nominated](#) as a Finalist for the Control Engineering 2019 Engineers' Choice Award, in the Industrial Internet of Things Connectivity category.

Tosibox will be showcasing TOSIBOX® Lock 500 at the world's leading trade show for smart and digital automation, [SPS IPC Drives](#) in Nuremberg, Germany on November 27-29, 2018. Tosibox can be found at **stand 10.0-301**.



#### More information

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#### About Arctic Drilling Company

Arctic Drilling Company serves its customers around the world, always reliably and safely, guaranteeing efficient drilling even in extreme conditions. We offer the best certified exploration drilling rigs in the field and professional personnel. Arctic Drilling Company is an efficient, environment-friendly and reliable partner for surface and underground drilling. The company specializes in exploration drilling, drilling rig development and manufacturing, and directional drilling, currently employing over 170 people in Scandinavia and Chile.

[www.adcltd.fi](http://www.adcltd.fi)

#### 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 worldwide. [www.tosibox.com](http://www.tosibox.com)