

Cybersecurity of 2N EasyGate IP

The quality of our products is crucial to us and our customers, which is why we design, develop and test them according to:

- Network and system security standards IEC 62443-4-1 and 62443-4-2
- Technical Rules for Operational Safety TRBS 1115
- Selected principles of the Secure by Design specification
- ASDM security framework of our parent company Axis
- Our internal processes and knowledge

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2N elevator emergency communication products have the following features:

- Secure boot based on Quectel OS
- SSL secure keys: length is a minimum of 256 bits as used by HTTPS
- Our proprietary protocol 'Tribble Tunnel' ensures secure HTTPS communication between 2N lift products and the 2N® Elevator Center. The entire channel is encrypted using TLS and based on certificates issued by the cloud.
- Provide control and protection against spoofing of unauthorized firmware with digitally signed and encrypted firmware upgrade packages.
- Prevent dictionary attacks thanks to our intelligent password system. It forces the user to change the default password to a strong one after the first login.
- Prevent hackers from gaining login data from the configuration backup with encrypted passwords
- SIPS protocol encrypts the content of SIP messages, preventing the misuse of data (man-in-the-middle attack, etc.) and identity theft.



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The Company is registered in the Commercial Register maintained by the Municipal Court in Prague, Czech Republic, in Section B 6613.