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Cyber Security risks in the
5G era

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5G is faster than 4G

5G is more responsive than 4G

5G uses less power than 4G

5G gives strong, fast service more reliable than 4G

5G can carry more devices than 4G

Decentralized security
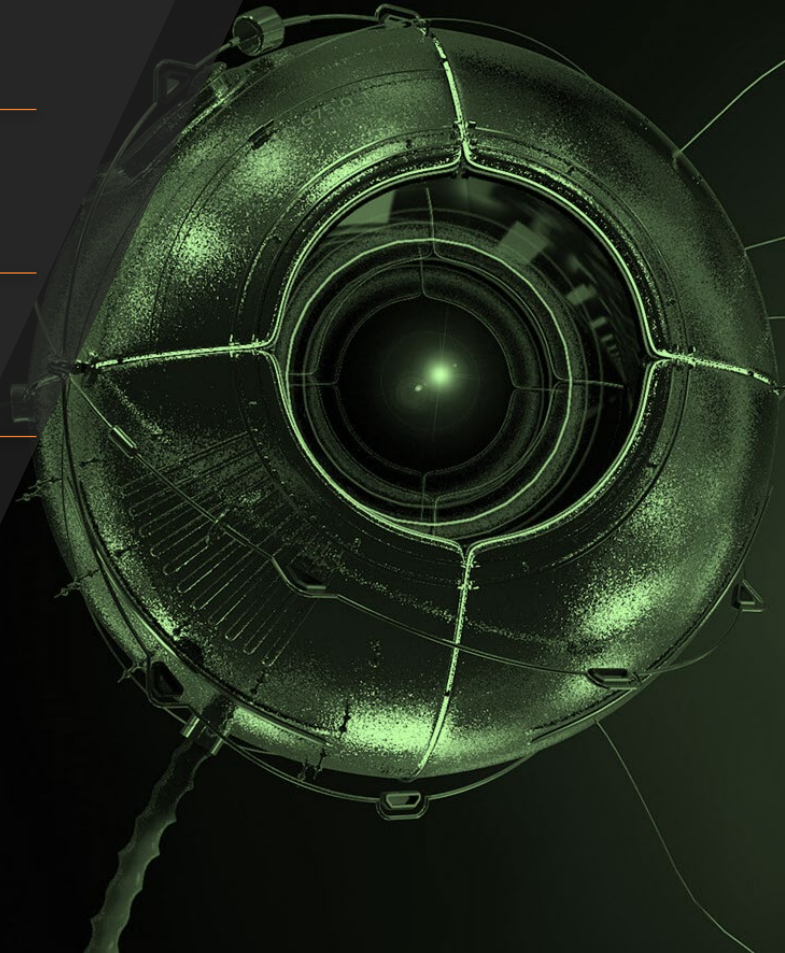
More bandwidth will strain current security monitoring

Many IoT devices are manufactured with limited levels of security

Lack of encryption in early connection process

Botnet attacks

Distributed denial-of-service

Man-in-the-Middle (MiTM) attacks

Location tracking and call interception

Kaspersky OS

Secure Boot
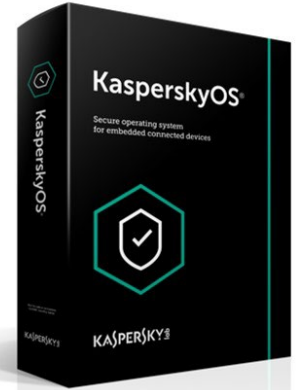
Device detection and classification

MQTT broker

MQTT over TLS

Thank you

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