

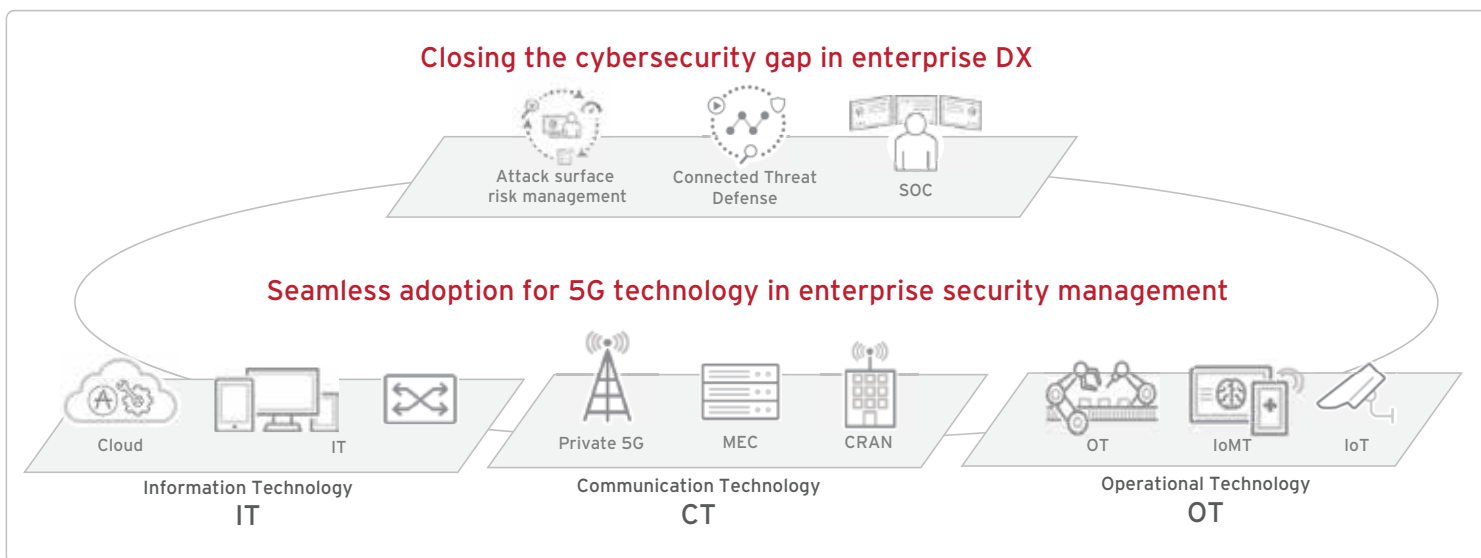
5G Security for Enterprises

Integrated 5G cybersecurity solutions for enterprise digital transformation

While new connectivity plays a key role in digital transformation, it also brings new security risks and attack vectors to enterprise networks. Enterprises need to understand new threat models given these technologies and adapt seamlessly with existing security. With CTOne, Trend Micro leverages the benefits of 5G technology while enabling a secure enterprise environment.

Closing the cybersecurity gap in enterprise digital transformation

An enterprise's digital transformation doesn't happen overnight. Cybersecurity must be integrated and managed during the shift from existing to new with different requirements. Enterprise 5G is widely used in OT (Operational Technology) environments. This suggests that the Industrial IoT (Internet of Things) environment implemented with new connectivity and the legacy facilities that were previously in the air present a gap, and may be vulnerable to external attacks targeting such gaps in the overlapping layers of security. Trend Micro offers cybersecurity platforms that unify visibility, analytics, and control across security layers and workflows by closing the cybersecurity gaps in different technology-based environments like IT (Information Technology), OT, and even IIoT which employ new connectivity such as 5G. The outcome is greater security effectiveness, operational efficiency, and business performance.



Seamless adoption for 5G technology in enterprise security management

Trend Micro™ Mobile Network Security powered by CTOne offers a turnkey approach to private mobile network security for enterprises. Providing robust protection against diverse and evolving cyber threats across 4G/LTE and 5G networks.

- **Tailor-Made Solution**

A tailor-made solution integrating IT and CT (Communication Technology) domain security for entire private mobile networks.

- **End to End Protection with Zero Trust and Joint Defense Strategy**

A comprehensive cybersecurity solution covering Endpoint, RAN (Radio Access Network), MEC (Multi Access Edge Computing), and 5GC is essential for private mobile networks with zero trust management and joint defense strategy.

- **Security Visibility and Visualization**

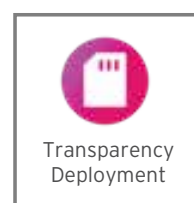
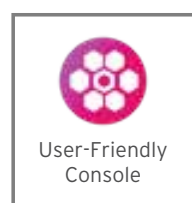
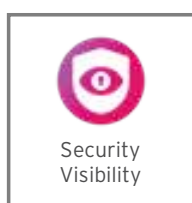
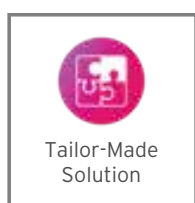
Providing a comprehensive and transparent network topology that includes multiple endpoint devices and offers a visible security status.

- **Centralized and User-Friendly Console**

Utilizing a user-friendly console for IT and IT security professionals to minimize the learning curve during the adoption of 5G technology.

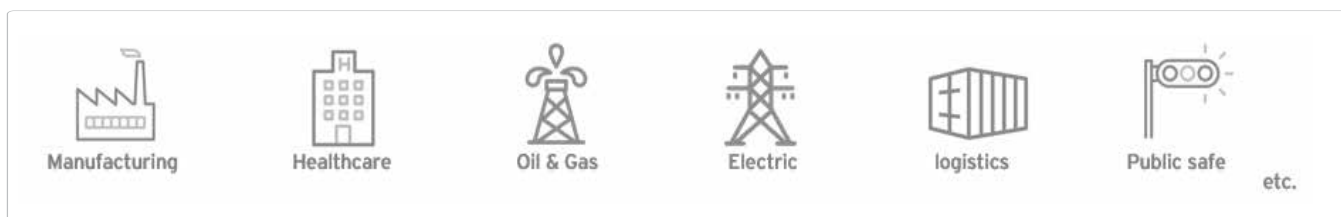
- **Transparency and Vendor Agnostic Deployment**

Enable transparent deployment within existing 5G infrastructure without compatibility problems.



Cybersecurity solution optimized for critical industrial connectivity

Enterprise 5G is responsible for mission critical connectivity in various industries, such as production lines in smart factories, wireless connectivity in hospitals, and security monitoring systems on campuses. In addition to providing security functions that are compatible with 5G communication protocols, we also provide security according to the characteristics of each system that connect to private 5G, such as monitoring unauthorized connection to huge numbers of surveillance cameras on campus and security for legacy systems in factories' operation systems. A comprehensive approach needs to understand the characteristics of the vertical systems and its threat model, with a security solution that protects the entire environment.



Enterprise 5G security powered by leading threat research

Trend and CTOne are committed to advancing threat intelligence in the enterprise 5G security domain. Drawing on our own research capabilities and leveraging over 35 years of experience inherited from Trend Micro, we continuously update our solution's signature and AI based on our latest threat discoveries in both IT and CT fields. This allows you to effectively address the diverse range of threats that arise in enterprise environments with private mobile networks.

For more information about,

Enterprise 5G security solutions: [Trend Micro 5G Security for enterprises](#)

Cybersecurity platform: [Trend Vision One™](#)

Industrial security solutions: [Trend Micro ICS/OT Security Solutions](#)

Our customer success stories: [Trend Micro Customer Stories](#)

Quickly learn threat trends and solutions by industry: [Trend Micro YouTube Channel](#)

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