CYBERSECURITY

Cyber Guard®

LIFE IS FOR SHARING.

Cyber Guard®
Security of mobile devices

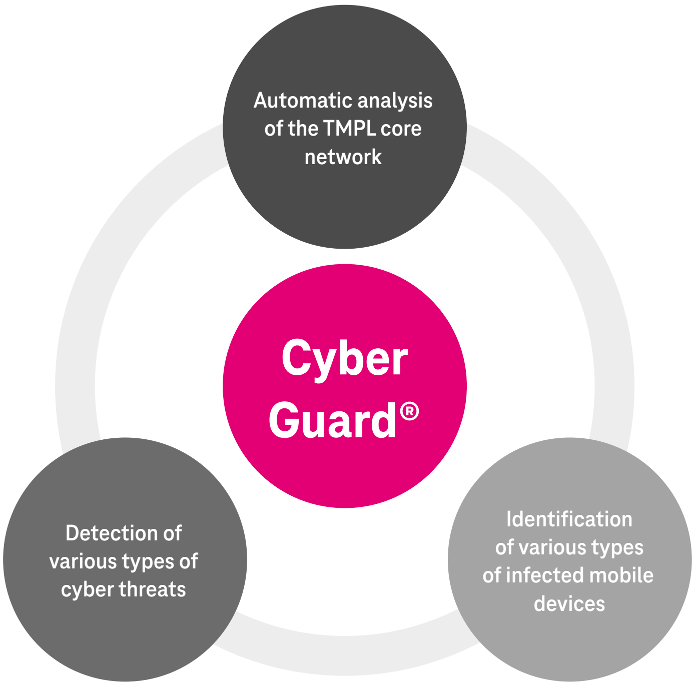
Cyber Guard® is T-Mobile Polska's innovative, proprietary solution in the field of ICT security.

It is based on analyzing network traffic and blocking identified malicious data transmission. It perfectly complements MDM and End Point Protection solutions.

CYBER GUARD®

Principle of operation

- Cyber Guard® uses Big Data to analyze billions of internet sessions a day.
- It uses a database of over 10 million cyber threats.
- It identifies attacks on mobile devices, infected devices and data leaks.
- It enables identified malicious data transmission to be blocked.
- The service is monitored by the T-Mobile Security Operations Center.


Automatic analysis of the TMPL core network
Cyber Guard®
Detection of various types of cyber threats
Identification of various types of infected mobile devices

27% people said that they actively use their phone for up to **4 hours a day.**

66% of us catch up on **reading business e-mails,** exchanging messages with friends or browsing social networking sites just before falling asleep.

The major benefits and advantages

Advantages

- Analysis of motion data from SIM cards regardless of the device (IoT, handsets, all devices using the mobile infrastructure).
- Predefined security profiles.
- 24/7/365 traffic monitoring for detecting malicious connections.
- AI module: threat assessment based on behavioral analysis and the data pattern of each group of devices.
- Automatic reports on high-risk connections for individual groups of devices.
- Application blocking.
- Development and delivery to the client of a repository for cyber threats and methods of solving problems of a given type, advice on recommended, safe devices.

Benefits

- No need to install any software on mobile devices – it does not burden the device's CPU or battery.
- In addition to monitoring, the system also allows you to block identified, malicious data transmission.
- Possibility to consult the results of periodic reports with T-Mobile cybersecurity experts.
- Adapting the mobile device protection to the requirements of the GDPR.
- Service monitoring by T-Mobile Security Operations Center.
- Incident Response as part of the service.
- Full scalability and flexibility of the solution – monitoring any number of devices.
- Access to reports and the web portal – the client receives full retail data, both current and historical.

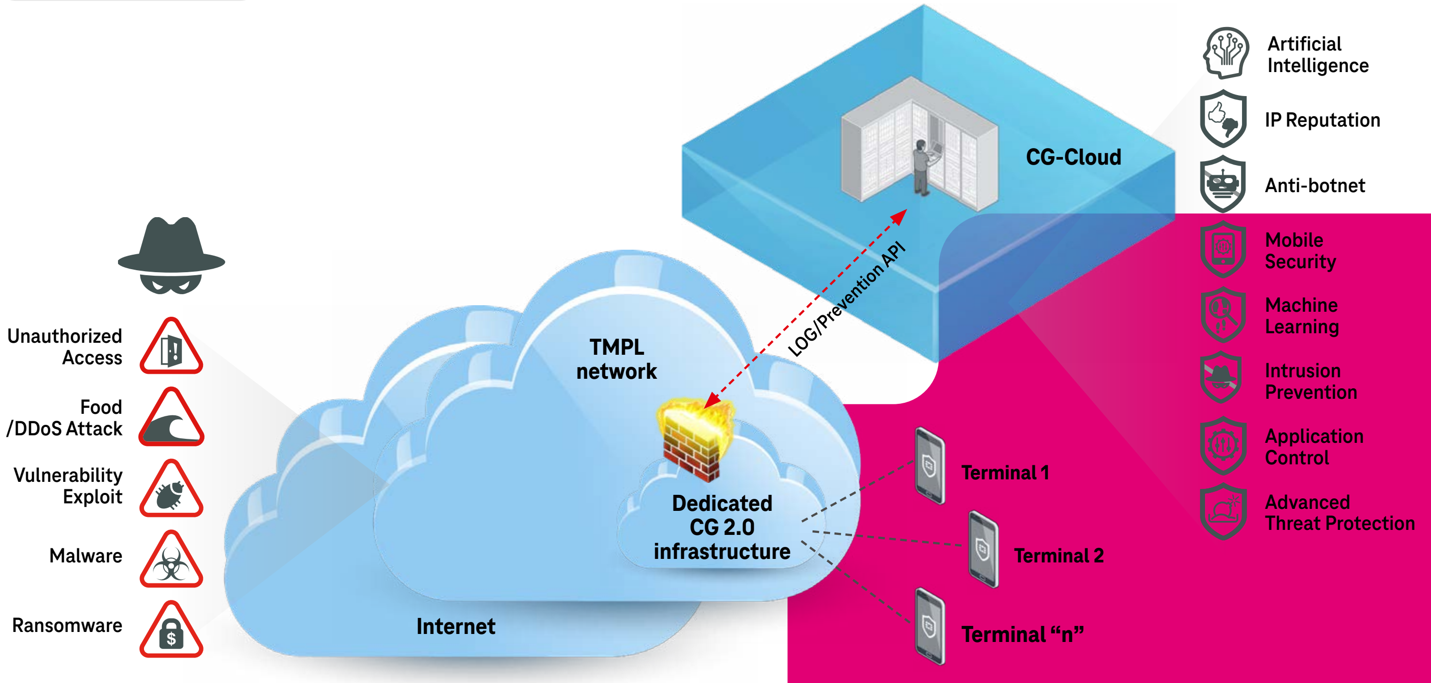
CYBER GUARD®

Mobile data traffic increased by **46%** between 2020 and 2021.

Source: Ericsson Mobility Report, Ericsson, 2021.

In 2020, 23 309 ICT incidents were recorded – an increase of approximately 88% compared to the previous year.

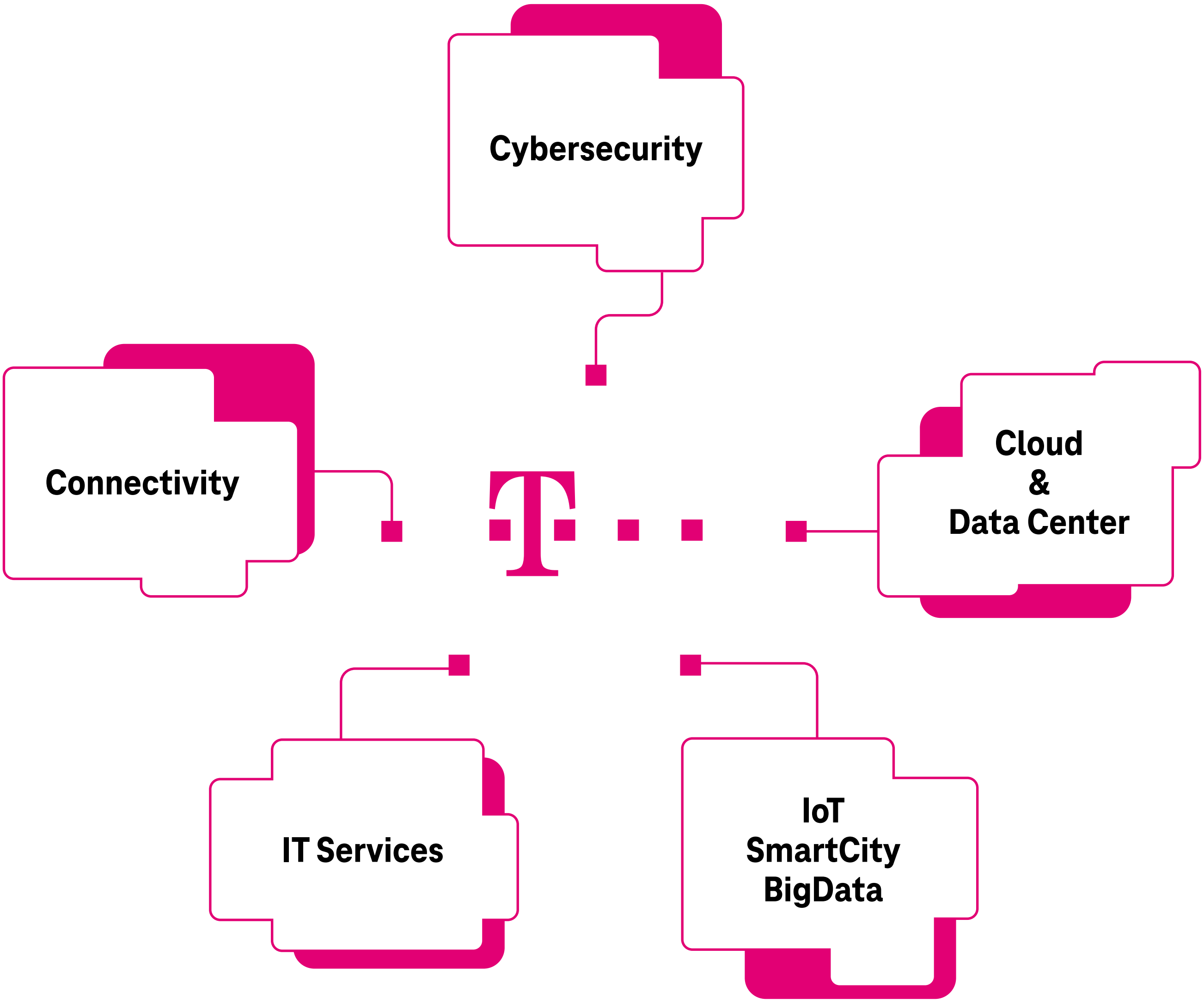
Report on the state of cyberspace security in the Republic of Poland in 2020 CSIRT GOV.



Packages
and licensing

		BRONZE package	**SILVER** package	**GOLD** package	**INDIVIDUAL** package
1	Quality guarantee of the service provided	✓	✓	✓	Parameters and functionalities determined individually with the Client
2	Start-up and configuration of the service	✓	✓	✓	
3	Customizing the service to the individual needs of the Client	✓	✓	✓	
4	Central Administrative Portal	✓ read-only	✓ max. 1 account	✓ max. 3 accounts	
5	Dedicated Technical Hotline 24/7/365	✓	✓	✓	
6	Regular update of the System Threats database	✓	✓	✓	
7	System performance optimization (tuning)	✓	✓	✓	
8	System update and patches	✓	✓	✓	
9	24/7/365 traffic monitoring for malicious connections for Devices ordered (MSISDN numbers)	✓	✓	✓	
10	Automatic Periodic Reports summarizing the threats observed at a given time	✓ max. 1 weekly	✓ max. 1 weekly	✓ max. 1 weekly	
11	Advanced Machine Learning Algorithm and Artificial Intelligence Algorithms	×	✓	✓	
12	Automatic reports on high-risk connections from all or selected devices (MSISDN numbers)	×	✓ max. 1 daily	✓ max. 1 daily	
13	Standard and Starting Rules	×	✓	✓	
14	Dedicated rules introduced by the Client	×	✓ max. 10	✓ max. 30	
15	Possibility to define one Whitelist and Blacklist for selected IP addresses	×	✓ max. 10 entries	✓ max. 30 entries	
16	Advanced Threat Protection: geolocation traffic blocking DNS filtering URL filtering intrusion detection and protection (IPS) blocking Botnet traffic application recognition application control	×	✓	✓	
17	Possibility of grouping monitored Devices (MSISDN numbers)	×	×	✓ max. 5 groups	
18	Automatic notification by E-MAIL or SMS of detection of particularly dangerous Threats or disturbing trends	×	×	✓	
19	Automatic notification by E-MAIL or SMS of detection of events at a critical level for selected Devices (MSISDN numbers)	×	×	✓ max. 10 MSISDN	
20	Knowledge base	×	×	✓	
21	Possibility to export data to the Client's SIEM system	×	×	✓	
22	Consultation with a SOC expert	×	×	✓ 1 hour monthly	
23	Online data retention	×	✓ max. 30 days	✓ max. 60 days	

Comprehensive services
for large and medium-sized companies



POLSKA

OFICJALNY SPONSOR REPREZENTACJI

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More information about the services:
www.t-mobile.pl/biznes