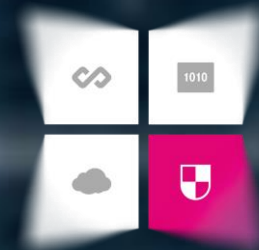


# Let's power Security



TELEKOM Cybersecurity Services | December 2020

Vasile Voicu – Cybersecurity Senior Manager



LIFE IS FOR SHARING.

# “Everything Connectivity” needs “Everything Security”

## Digitalization 2020

7.8 billion people and  
50 billion connected IOT-Devices

1. **Malware**
2. **Web-based Attacks**
3. **Phishing**
4. **Web Application Attacks**
5. **SPAM**
6. **Distributed Denial of Service (DDoS)**
7. **Identity Theft**
8. **Data Breach**
9. **Insider Threat**
10. **Botnets**



LIFE IS FOR SHARING.



# How often do you get attacked per day?

**Cyber Attacks are real and increasing - a usual day (24h) at Telekom**

- > **31 million** attacks on our 620 physical honeypot sensors (3,400 logical sensors)
- > **2.5 billion** security-relevant events from 3,300 data sources
- > More than **6 billion** data records of our DNS Server evaluated regarding cyber attacks
- > **20 million** malicious codes in our malware library



LIFE IS FOR SHARING.

A man and a woman are standing in a server room, looking at a laptop. The man is on the left, wearing a grey sweater over a light blue shirt. The woman is on the right, wearing a white shirt. They are both looking at the laptop screen. The background shows rows of server racks.

**Our comprehensive and collaborative approach allows for knowledge sharing**

- > Different attack vectors
- > Indicators of compromise of companies of all sizes
- > Critical infrastructures
- > Settings for complex Cyber Security Architectures
- > Threat intelligence from all industrial sectors
- > More than 20 years of experience
- > Security and data privacy made in Germany



**LIFE IS FOR SHARING.**





We create and enable the  
cyber security protection  
shield for all our clients

- > We stand for **real end to end** responsibility in Cyber Security
- > We offer only the same **high professional tool** with which we protect ourselves



LIFE IS FOR SHARING.

# Security by Design

**Our approach ensures immediate benefits to your organization from our security expertise and ecosystem**

- > 30 cyber security professionals
- > Integrated SOC in the global DT network
- > Zero Impact approach
- > Security and data privacy made in Germany
- > Security deeply embedded into network connectivity
- > Same high professional tools like in internal use
- > One of the largest threat intelligence databanks



**LIFE IS FOR SHARING.**



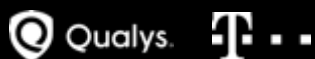
# What do we offer to you?

(I)

What vulnerabilities does your company have in terms of Cyber Security?



**Pen Test & Vulnerability Scan**



Are your webshop and webapps sufficiently protected against botnet volume attacks?



**DDOS Protection**



What happens if you click on unknown email attachments?



**APT Protect**



**LIFE IS FOR SHARING.**

# What do we offer to you?

(II)

How do you secure local internet breakout in MPLS-networks ?



**Secure local internet breakout**



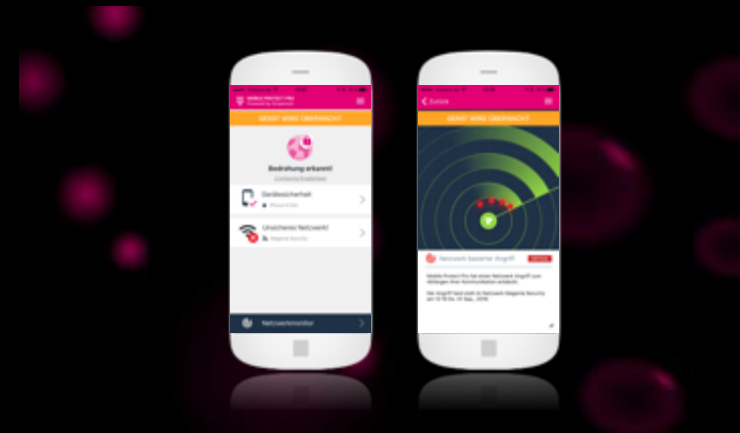
How do you get control about shadow IT and Data Loss Prevention ?



**Cloud Protection**



Are your smartphones and tablets protected against unknown threats?



**Mobile Protect Pro**





# What do we offer to you?

(III)

Are your production plants sufficiently protected against Cyber Attacks?



Industrial network security

**radiflow**  
Secure your Assets

How do you detect whether an attacker has already occupied your network?



Cyber defense & SOC

**splunk**>

How do you assure data privacy ?



Secure digital identities

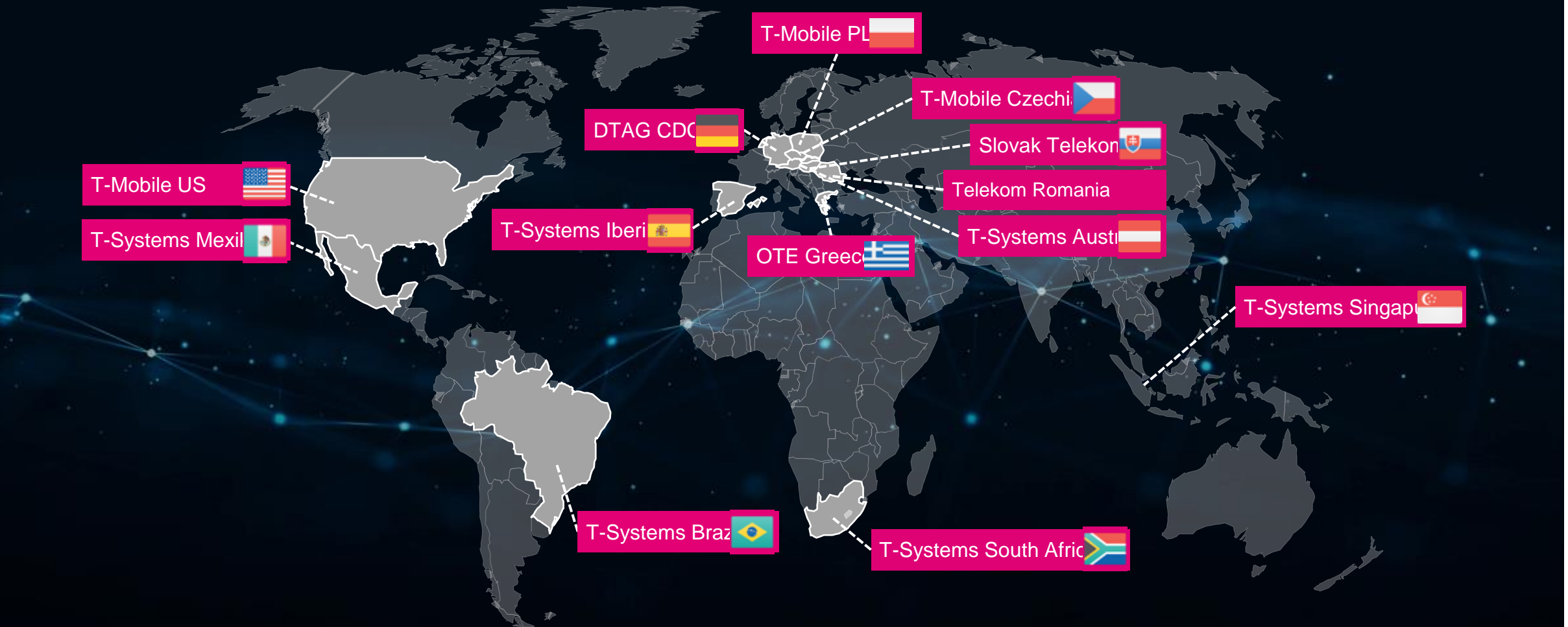
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# Global SOC Network





# Thank you!

