



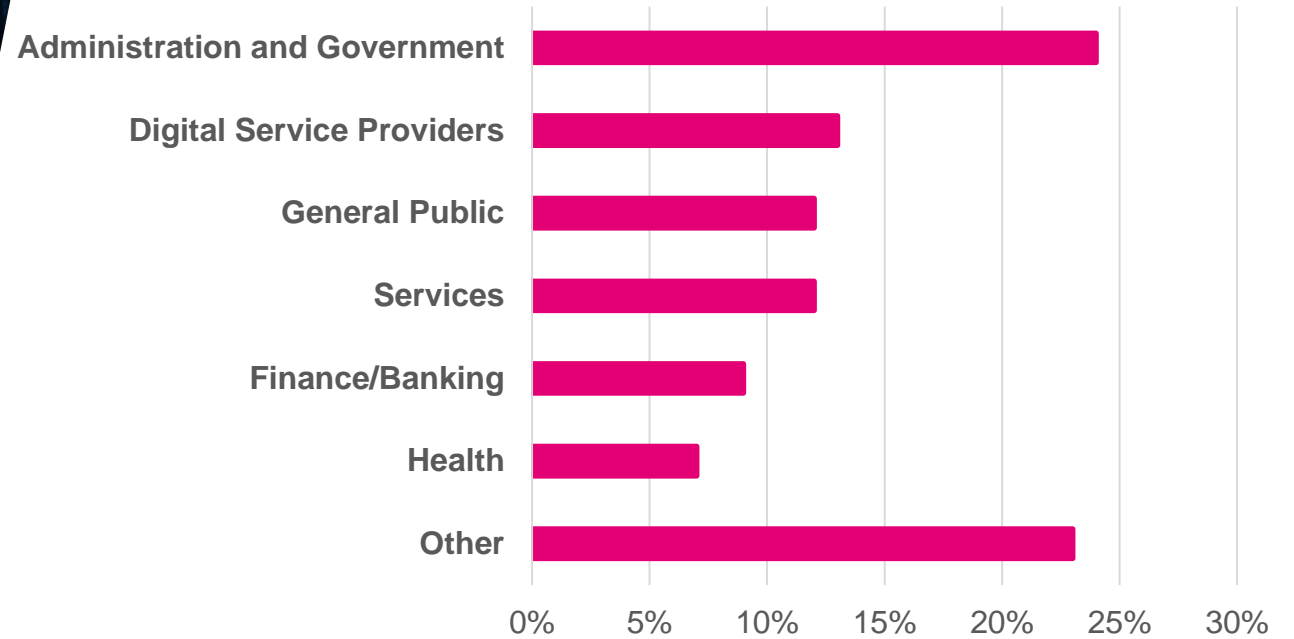
**HOLISTIC SECURITY STRATEGY  
AND PARTNERSHIP IS KEY FOR  
CYBER RESILIENCE!**

# New dimension of attack vectors

Who is the target?



## Top sectors affected by security threats



Source: European Network and Information Security Agency

# CYBER SECURITY IMPORTANCE



Consequences of  
cyber attack



Reputational damage



Financial Losses



Compromise of customers data



Disclosure of business secrets



Regulatory fines

**PEOPLE** are the weakest link in the Cyber Security chain!

# Most common security threats

## Social Engineering

*Tricking victims into opening malicious documents, files or email, visiting websites and thus granting unauthorized access to systems or*



*Lack of Cyber Security Awareness*



## Ransomware



*The most worrying threat used by the cyber criminals using increasingly sophisticated extortion techniques*



## DDoS

*Distributed Denial of Service*



*Hyper-volumetric attacks*



*Ransom DDoS attacks*



## Malware



***92%** of detected malware infections come through compromised email*



*Increasingly targets IoT (Internet of Things) devices*

## Web application/injection attacks



***51%** - SQL injection is the most common attack*



*Often linked to major data breaches worldwide*

## Supply-chain attacks



*More than **10 million people** were impacted by supply chain attacks targeting **1,743 entities** in 2022*

# Ransomware attack in numbers

## Worldwide statistics

**493.33  
million**

ransomware  
attacks in 2022

**13%**  
**rise**

in ransomware  
attacks year-over-

**22 days**

is average  
downtime after a  
ransomware  
attack

**71%** of global

businesses felt the impact of  
ransomware trends

**49%** of the organizations  
paid ransom to prevent  
revenue losses

**41%** paid ransom to  
quicken the recovery process.

**80%** of businesses that  
paid the ransom were subject  
to another ransomware attack

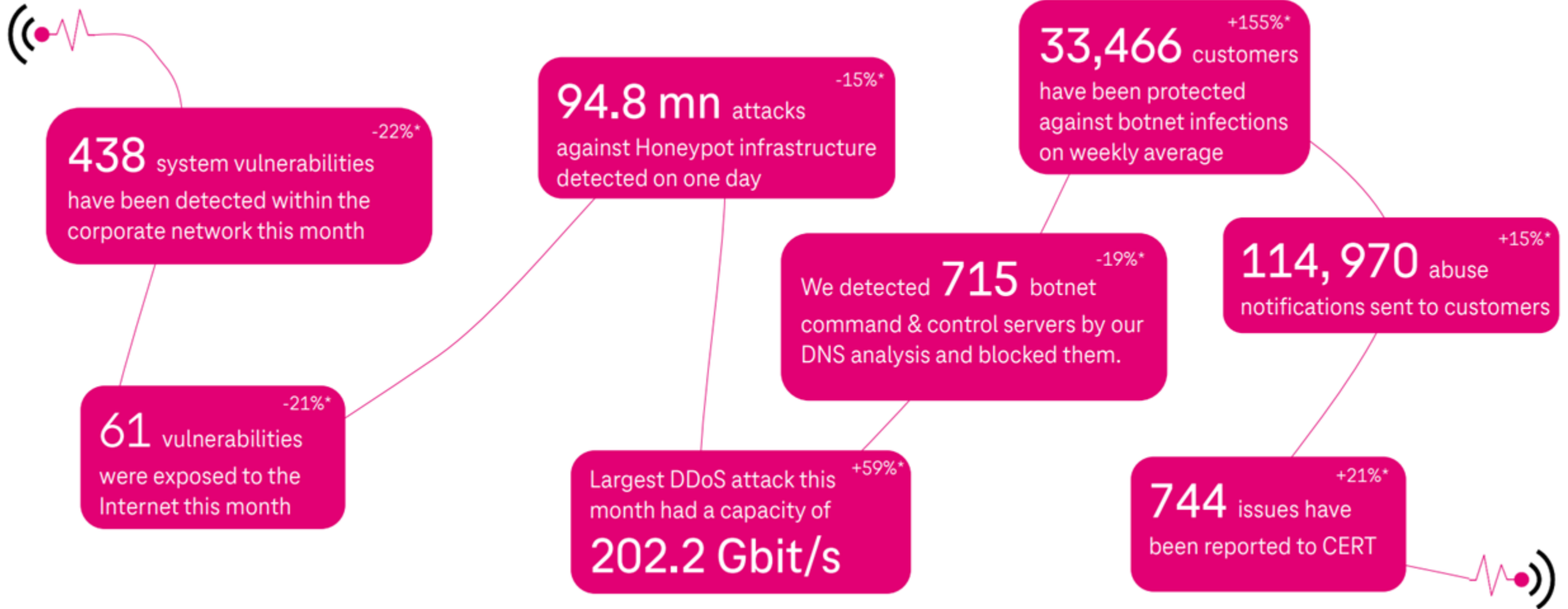
**2,337** data breaches in the  
manufacturing sector in 2022. Of those, 338

had disclosure of data, and **24%** of  
the attacks (584) were ransomware

**\$4.54  
million**

Is the average  
ransomware cost

# Cybersecurity Excellence: Protecting the Group with Precision

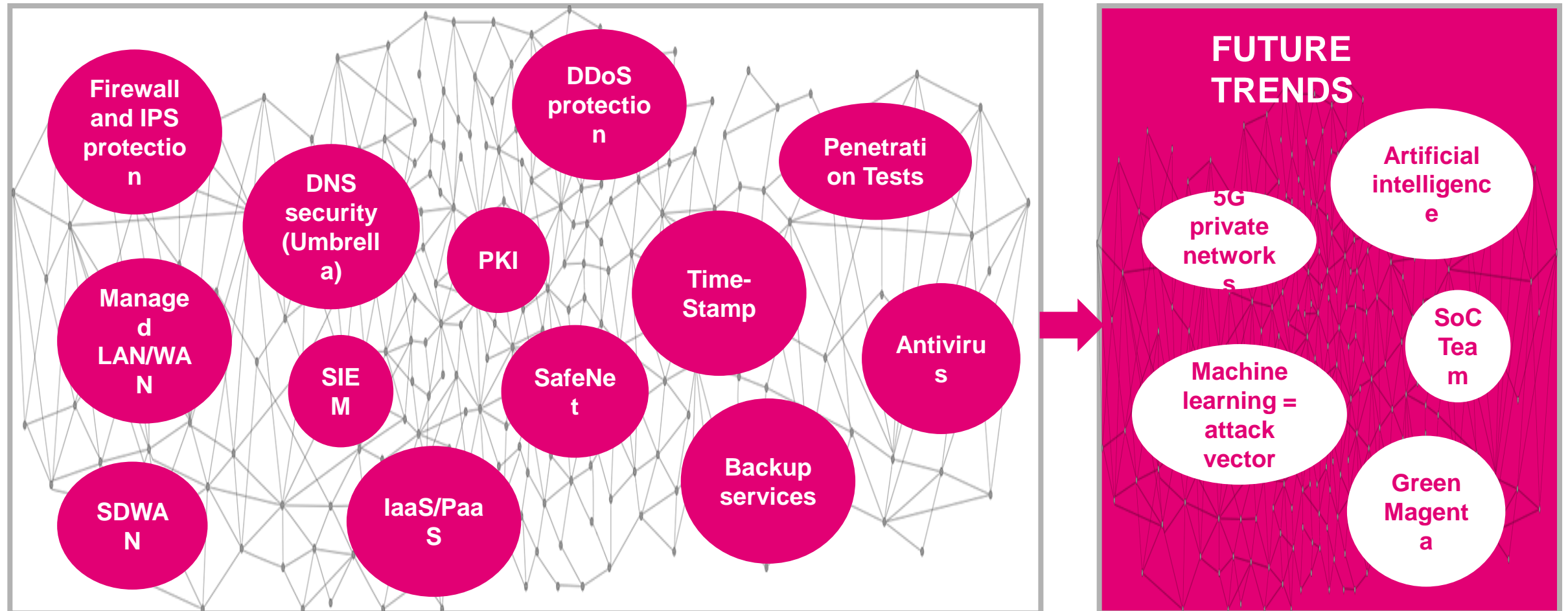


Aggregated statistics from all Deutsche Telekom members  
Results for march 2023

# Telekom's security portfolio

Stands for excellence and tailored made solution

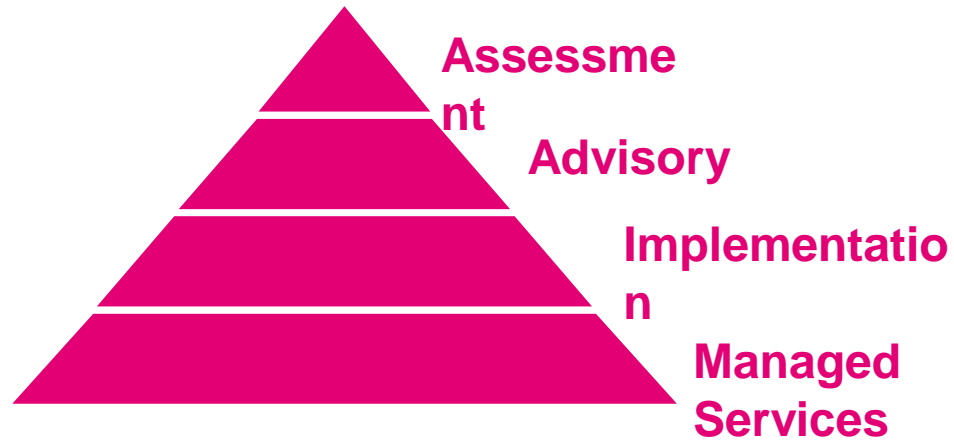
As a **CUSTOMER ORIENTED** company, we create and offer security solutions that perfectly fit **business or governmental** needs. We can provide custom multi-location business security solutions for end-to-end security



# Managing security from one spot!

Expertise, end-to-end solution based on Telekom (EU #1 telko brand) standards

If you've any questions about security assessments or need security advisors to look at your security architecture, we can HELP YOU!



We can support you with

IAAS AND PASS  
CUSTOM  
SOLUTIONS

END-TO-END  
NETWORK  
SECURITY  
SOLUTIONS

DR AND BACKUP  
AS A SERVICE

ANTIVIRUS  
SOLUTIONS  
FOR END-POINT  
SECURITY

DNS SECURITY  
BLOCKING  
MALICIOUS  
DOMAINS AND IPS

IPS/IDS AND  
SIEM SOLUTIONS







THANK YOU!

Maja Milosavlevska Naumovska  
Chief Technical and IT Officer