

MILISTORE

# Take up the Challenge of Securing Personal Smartphones used in a BYOD Setting

**LCL Bruno CAMEL**

Head of Digital  
Transformation and Data,  
French Army

**Renaud Gruchet**

Chief Business Innovation  
Officer, Pradeo



for



## CONTEXT

**Digital transformation** of the Ministry of Defense

**High demand for more mobile services** coming from Army members

Necessity to deploy services **on personally-owned devices**

Mobile devices are a **preferred means of gathering intelligence**

## FRENCH ARMY'S NEEDS

An **easy-to-deploy** distribution of services on **unmanaged terminals**

Control that **only Army members** are allowed to access the service

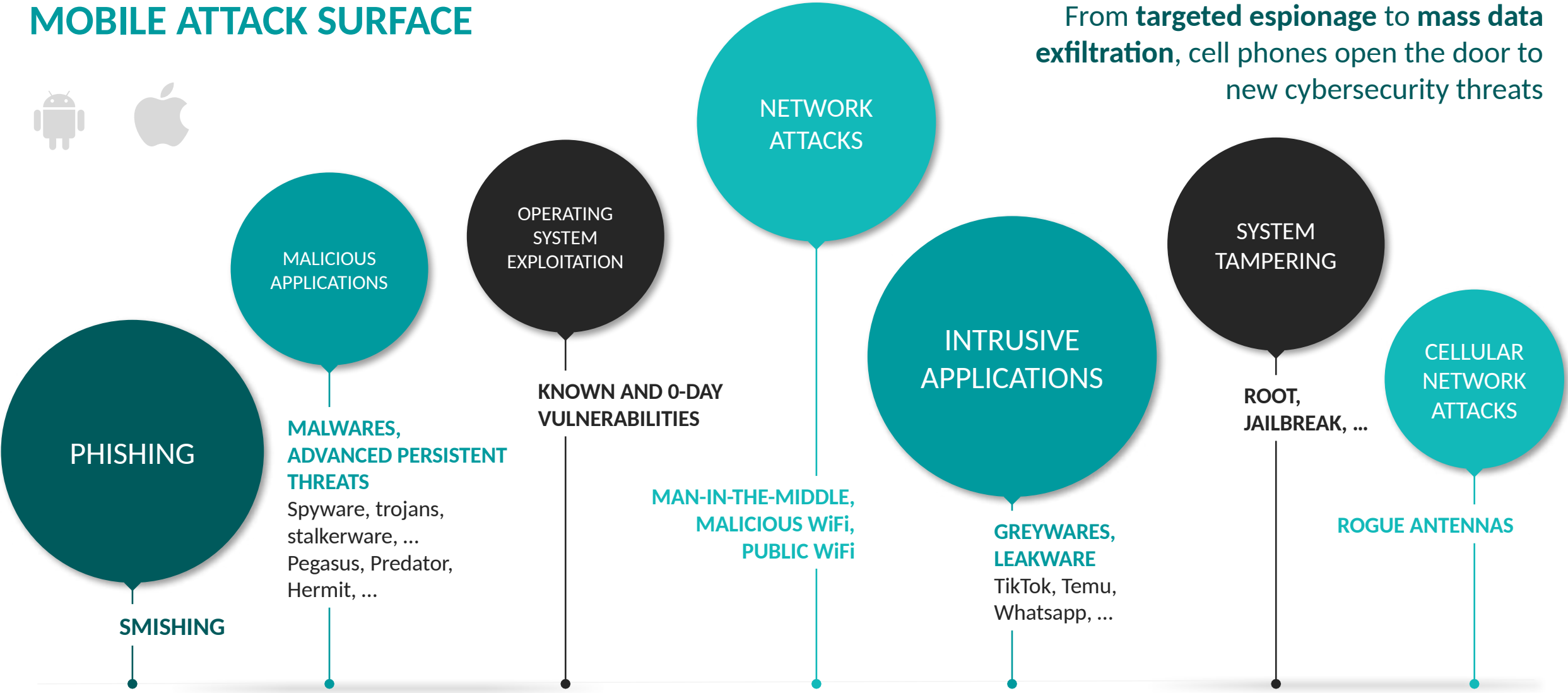
Ensure **protection** of sensitive data and files

Supervise the use of personal telephones in the workplace, **without restricting usage**

# MOBILE ATTACK SURFACE



From **targeted espionage** to **mass data exfiltration**, cell phones open the door to new cybersecurity threats



## CONSEQUENCES FOR THE MILITARY

- Endangering soldiers
- Cyber espionage
- Communications interception and modification
- Disruption of services

Makiivka

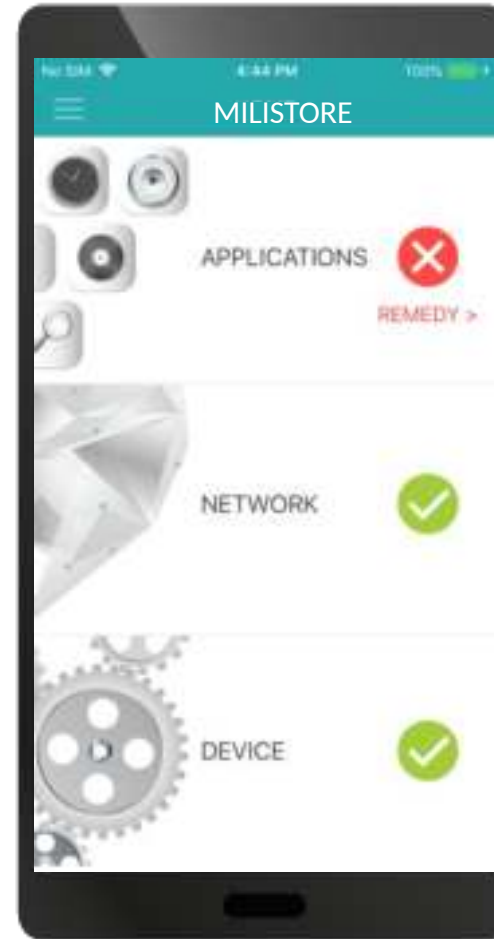


# MILISTORE: THE CONCEPT

Access mobile services offered and recommended by the French Army, through a simple registration process

Control the device security in real-time, to give the user a complete security diagnosis via a dynamic interface

Users' privacy respect  
No impact on personal usages



# SPECIFICITIES OF PERSONAL MOBILE USE (BYOD)

## RESTRAINTS

**Riskier use** by nature  
**GDPR** requirements for data processing

**User hesitation** and reluctance

## MILISTORE APPROACH

--> **No personally identifiable data collected**

--> The **user experience** is crucial  
Raising user **awareness** of security risks  
**Assistance** in making the terminal  
**compliant**  
**No restrictions** on personal use

# KEY BENEFITS

## FOR THE MINISTRY OF DEFENSE

- Army labelled media
- Secure way to distribute mobile services
- Tailored to the French Army's security standards
- No device management costs

## FOR ARMY MEMBERS

- All the Army's services gathered in one place
- Respect of privacy
- No impact on personal usages
- A tool to keep an eye on device security

# ABOUT PRADEO



Artificial Intelligence

Machine learning

Accurate threat detection

Billions of mobile security data analyzed

## RECOGNIZED BY

FROST &  
SULLIVAN

Gartner

IDC ANALYZE THE FUTURE

**Mobile Threat Defense**

**Mobile App Security Testing**

**In App Threat Defense**

**Secure App Store**

**Mobile Threat Intelligence**

- ✓ **Detection** of all mobile threats, including 0-days
- ✓ **Application, endpoint and data** protection
- ✓ Compliance with data protection **regulations**
- ✓ **Real-time** analysis



**Pradeo emporte la première place du hackathon CacheCache organisé par le CampusCyber en partenariat avec la Direction Générale de la Sûreté Extérieure**





[www.pradeo.com](http://www.pradeo.com)  
[contact@pradeo.com](mailto:contact@pradeo.com)