Password analytics & quality assurance with EPAS

The power of password analytics

DETACK

SecurITy made in Germany

epas

Detack

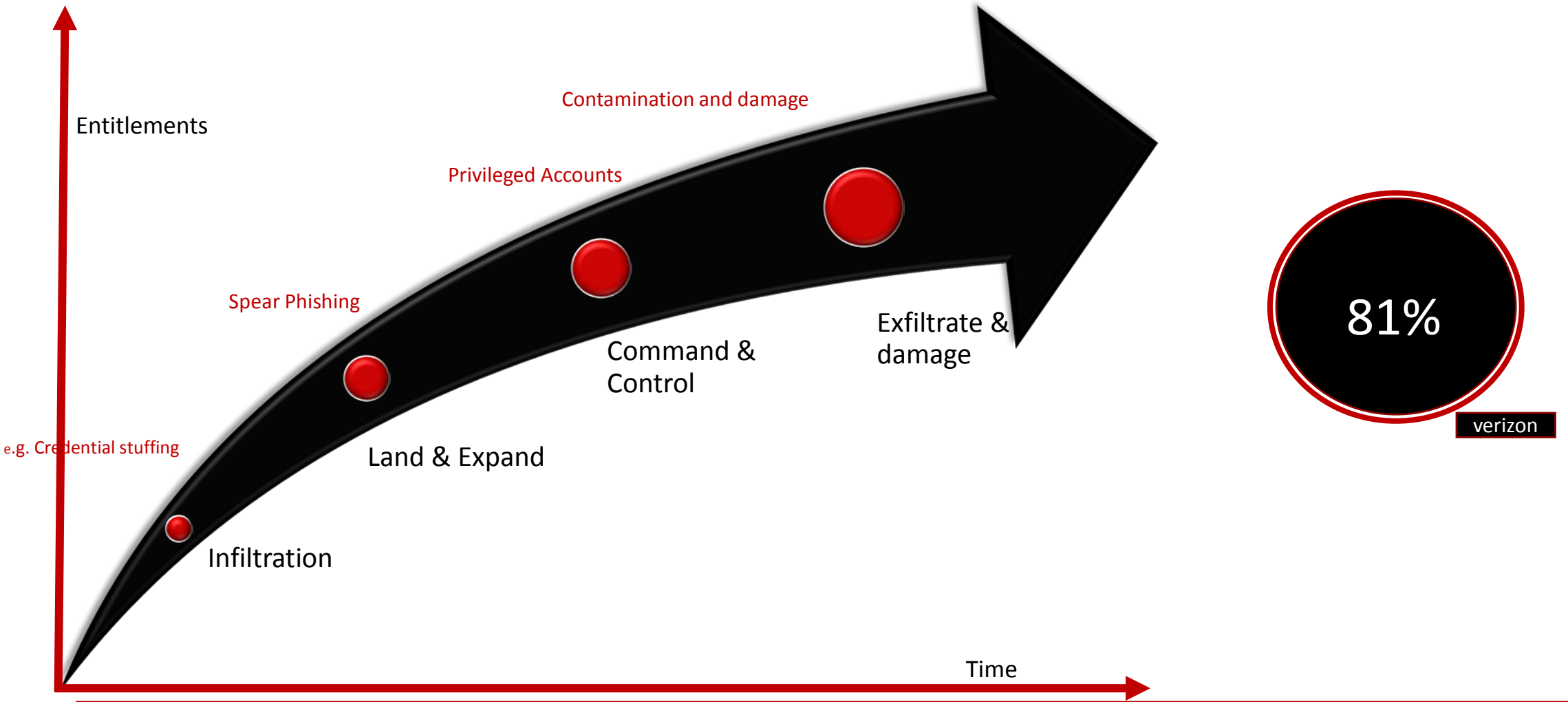
2001
Founded

Domain
Expertise

2013
EPAS Launch

Deployed in 30+
Countries

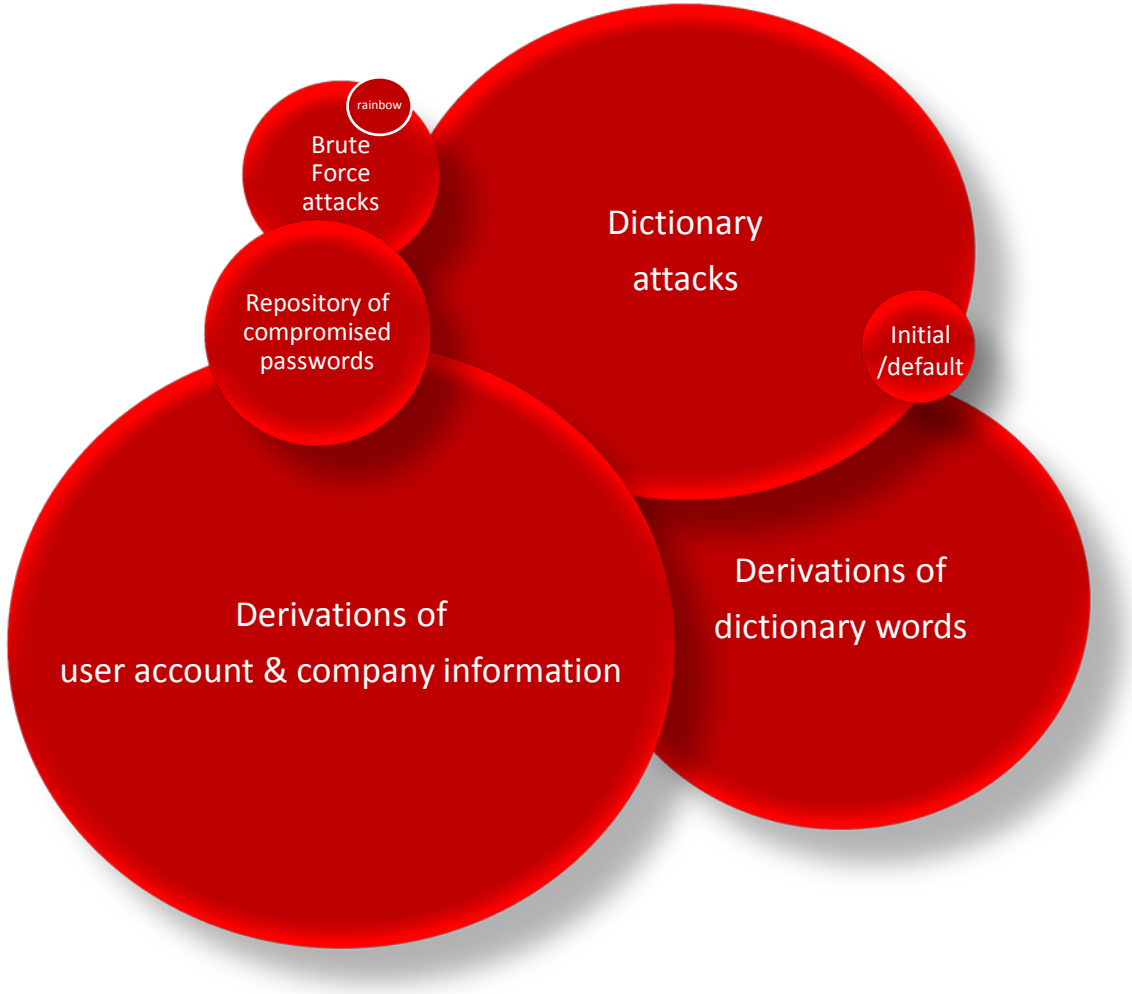
Password risk



81%

verizon

Password vulnerabilities



Unpredictable

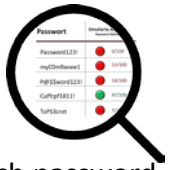
Unique

Structure

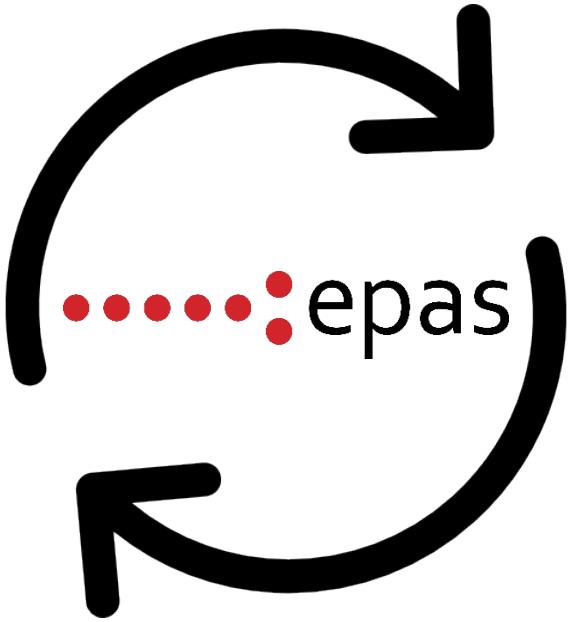
Password quality assurance process

Password security – from enigma to low hanging fruit

Discovery



- Numerical strength measurement of each password
- Password anomalies – e.g. Reuse, Shared etc
- Across all environments – no back doors



Control

- Define resilience values which address those very vulnerabilities discovered
- Plan remediation program
- Identify and remediate privileged account vulnerabilities

Audit & Compliance

- Fine grained audits & risk assessments.
- Provide management scorecards which demonstrate the dramatic reduction in credential based vulnerabilities

Remediation

- Inform, educate and empower users
- Enforcement module to address the real attack scenarios
- Measure the remediation and awareness programs

Customers

UniCredit Bank

AXA

Boursorama

schufa

FIDUCIA GAD
ZUKUNFTSERFAHREN

Chemicals

Airport Management

HUK-COBURG

EGA

LB≡BW Asset Management

EPAS Enforcer Analytics

EPAS Enforcer Password Analytics

Scope

Windows AD
All Domains

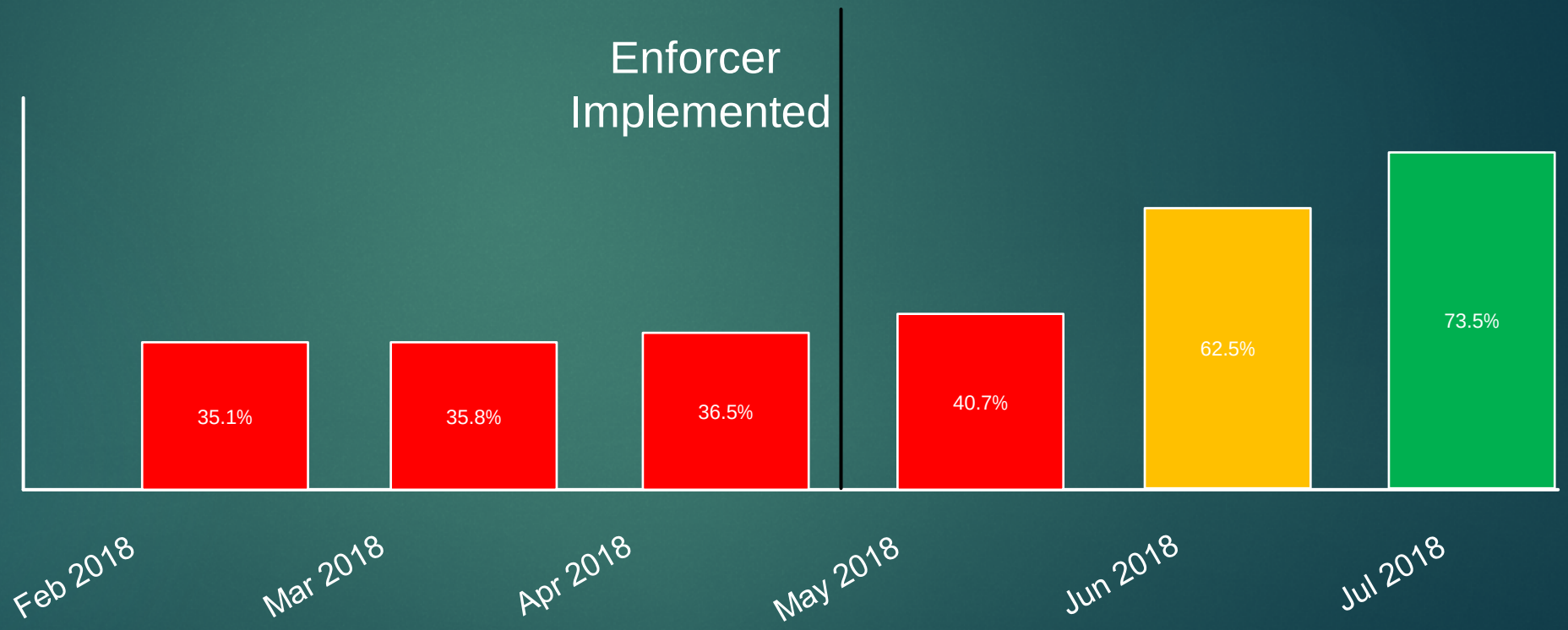
Risk

Password Re-Use
General Use of Weak Passwords
Weak Compliance Levels
Easy to Crack Hashes

EPAS Enforcer Password Analytics

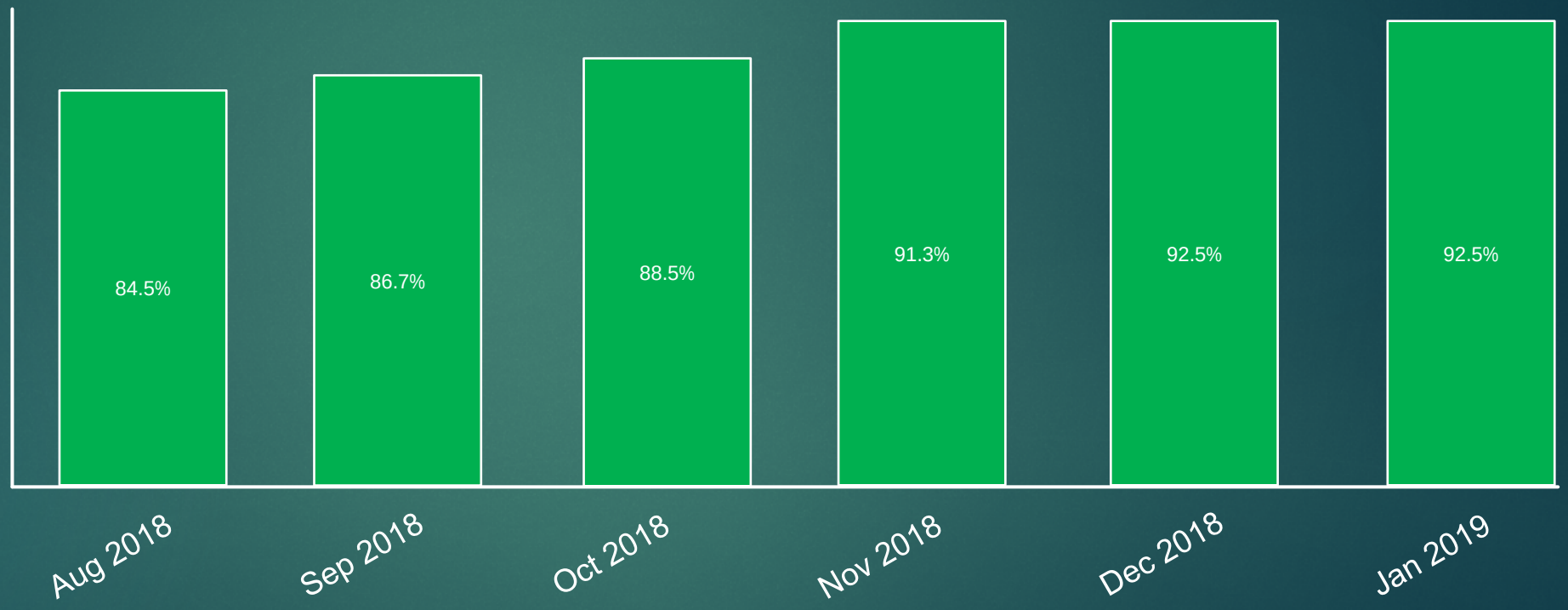
- **Upward trend in number of compliant passwords**
- **Weak passwords being prevented in the enterprise**
- **Password Re-Use is now enforced across domains**
- **New passwords are more complex and harder to crack**

Key Milestones



EPAS Enforcer Password Analytics

Key Milestones



EPAS Enforcer Password Analytics

- Other Milestones:

CyberArk Integration

Password Age Policy change for non-privileged accounts

Audit Evidences

Thank you!
Any questions?

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www.epas.de