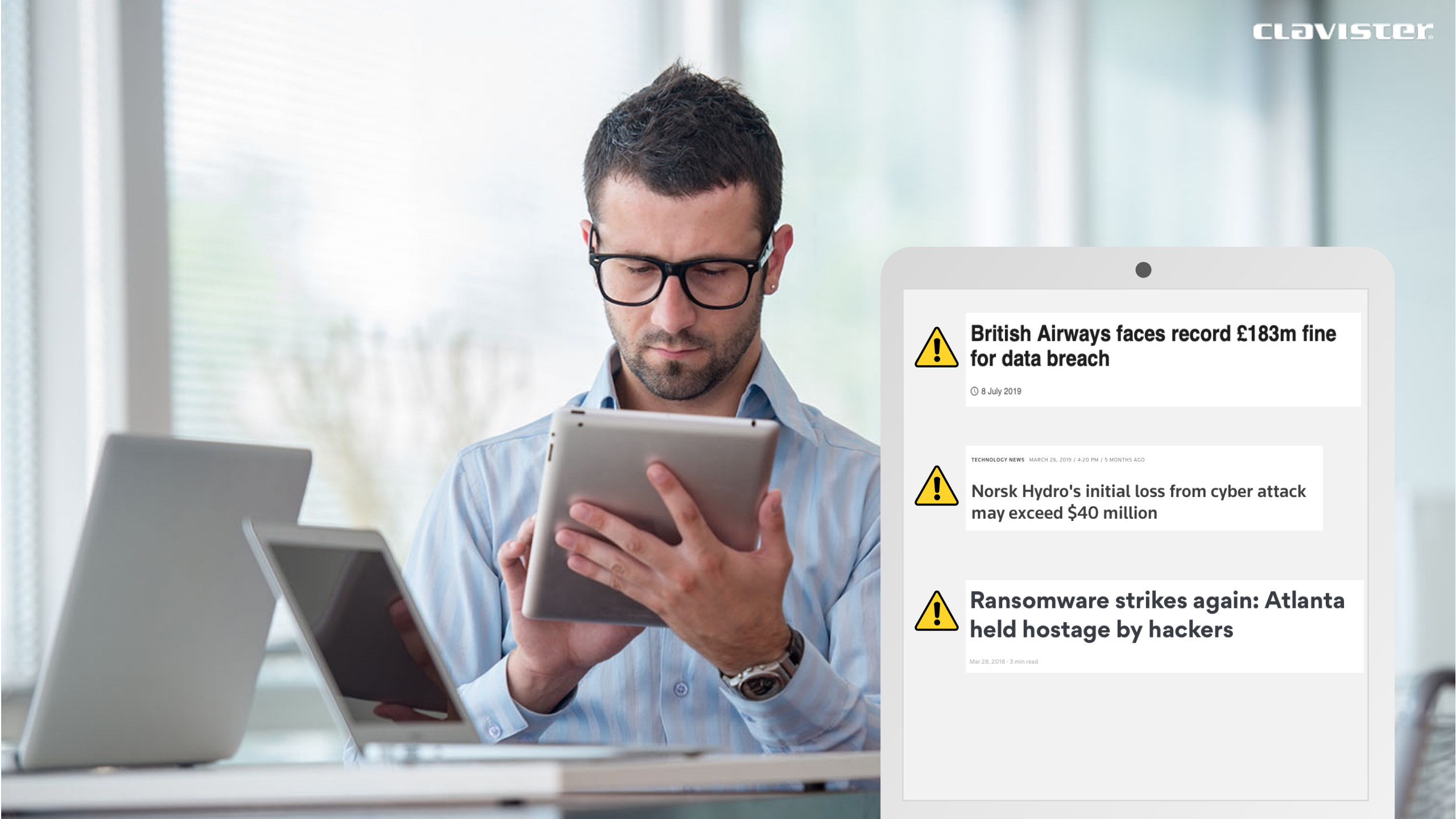
The dilemma of matching the emerging threats with **simplicity**

Stefan Brodin, Clavister

John, CEO

Anna, IT Manager


British Airways faces record £183m fine for data breach
8 July 2019
TECHNOLOGY NEWS MARCH 26, 2019 / 4:20 PM / 5 MONTHS AGO
Norsk Hydro's initial loss from cyber attack may exceed $40 million
Ransomware strikes again: Atlanta held hostage by hackers
Mar 28, 2018 · 3 min read

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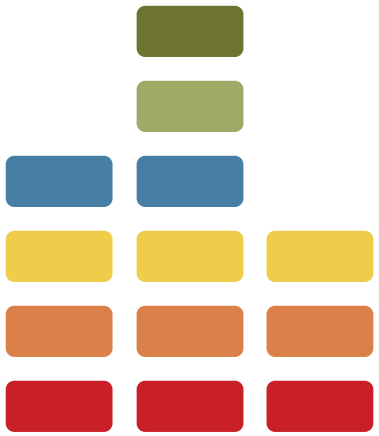
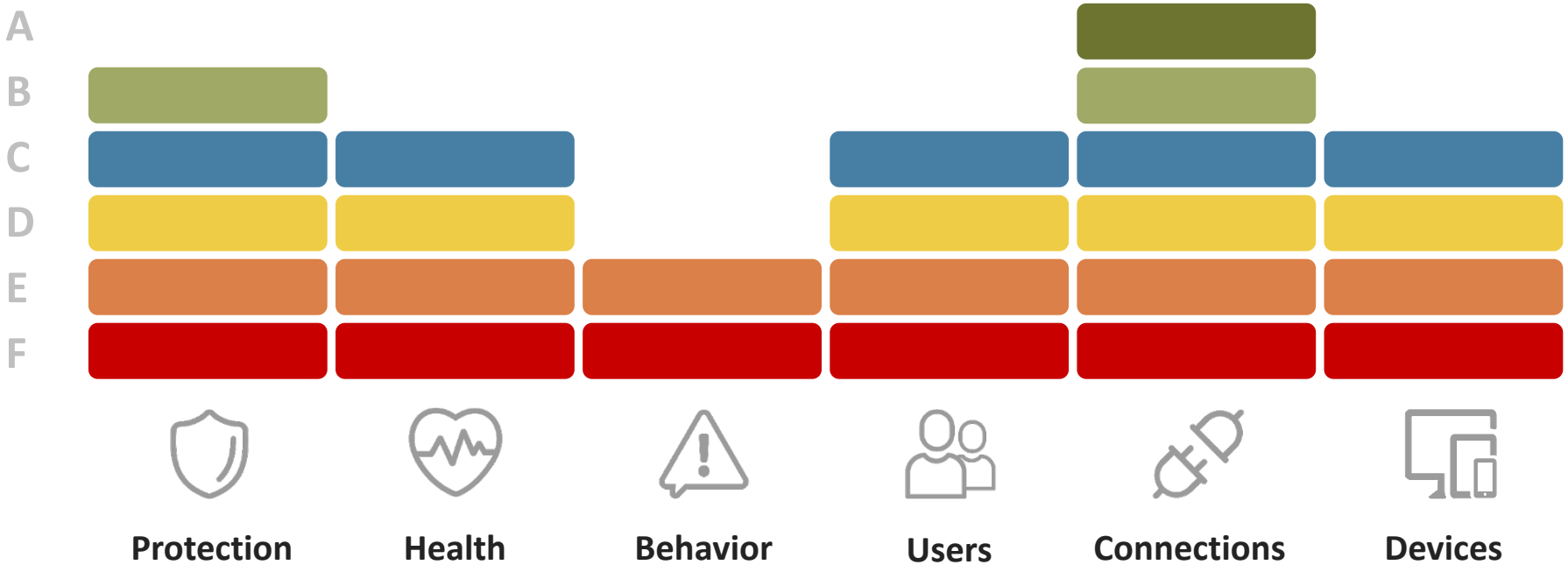
ENERG
A+++
A++
A+
A
B
C
D
E
A+++
A+++ !!!



CyberSecurity™ ScoreCard

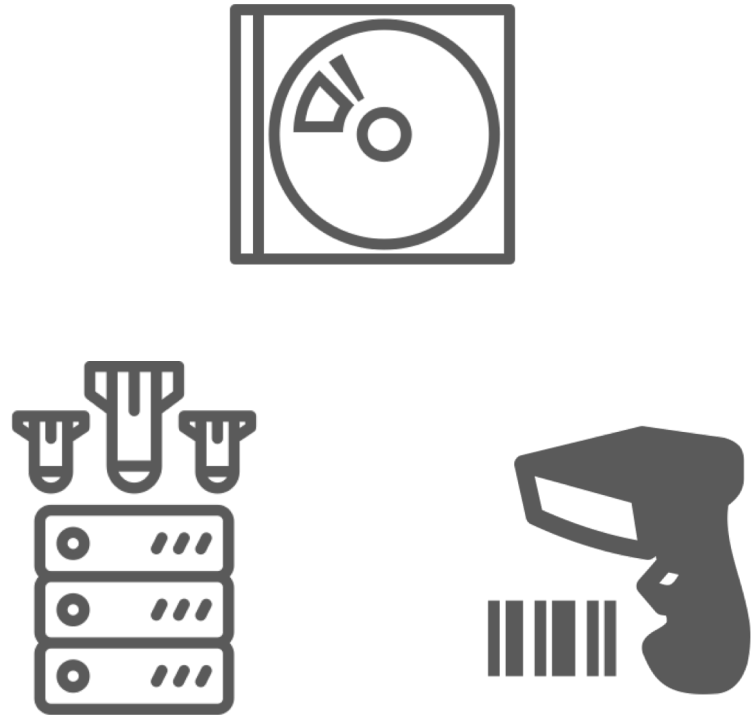
Categories


A
B
C
D
E
F
Protection
Health
Behavior
Users
Connections
Devices

Categories

Protection

Detecting insecure network settings and patching cadence.

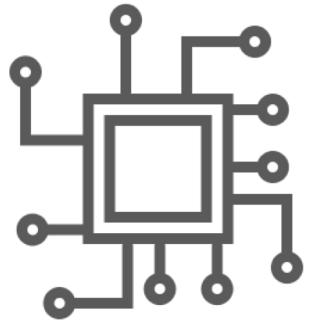


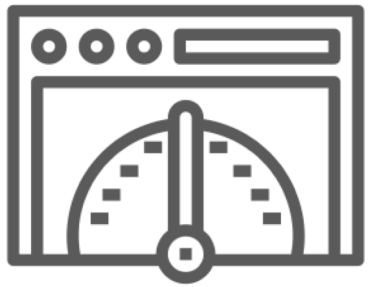
CyberSecurity™ ScoreCard

Categories

Health

Grading the performance level of the security infrastructure.



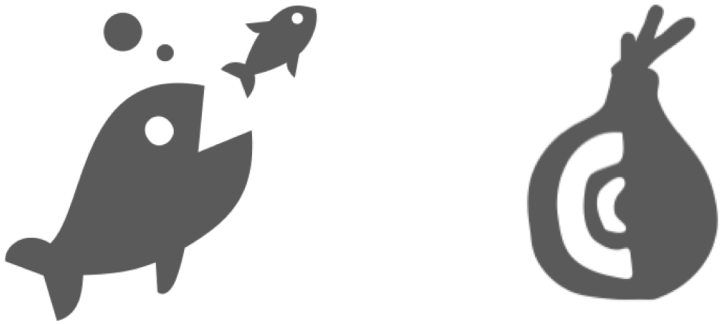


CyberSecurity™ ScoreCard

Categories

Behavior

Detecting internal network threats based on traffic patterns.



Categories

Users

Expose the traffic and authentication level of your users.

Categories

Connections

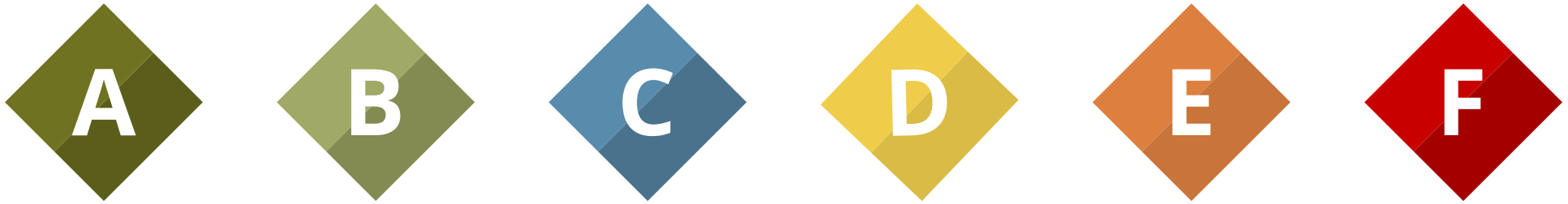
The status and quality of SD-WAN and VPN links.

Categories

Devices

Understanding the traffic from IoT, mobile and corporate units.

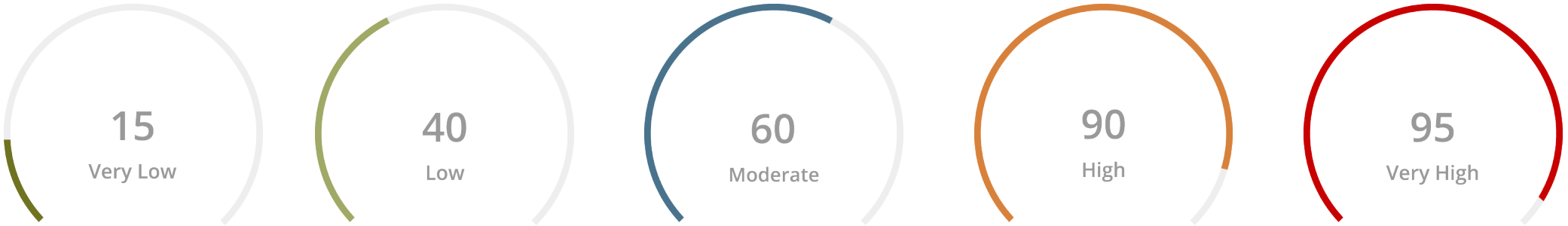
Categories



Overall Score

Ranging from A to F very simply explaining the status of the solution.

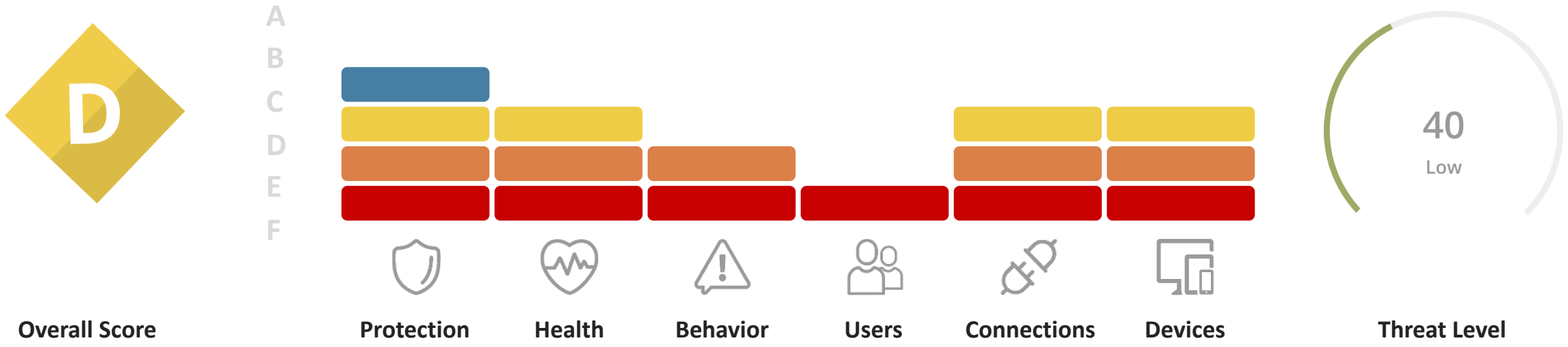
Categories



Threat Level

Together with the Threat Level, summarizing the malicious activity going on towards us.

CyberSecurity ScoreCard



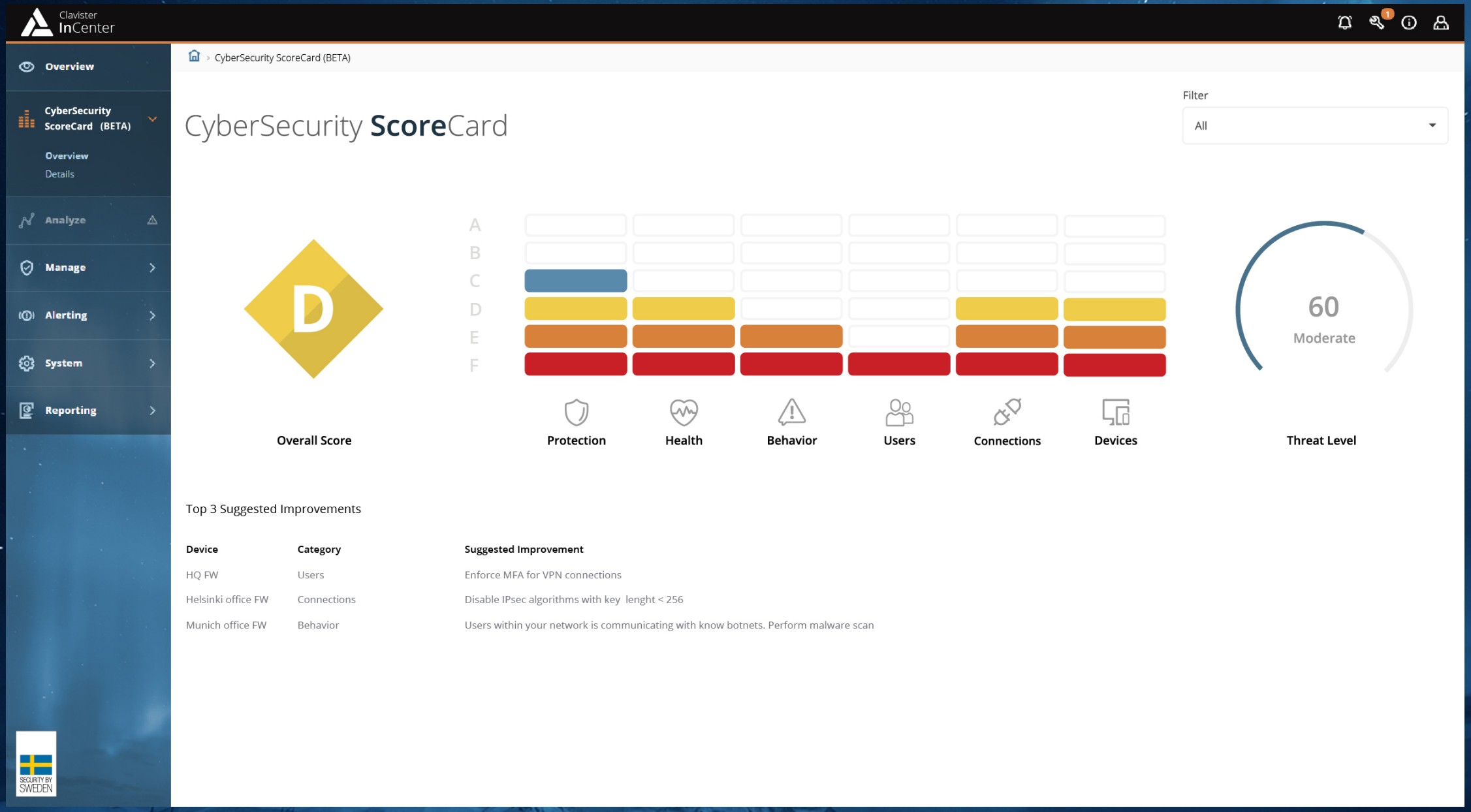
Top 3 Suggested Improvements

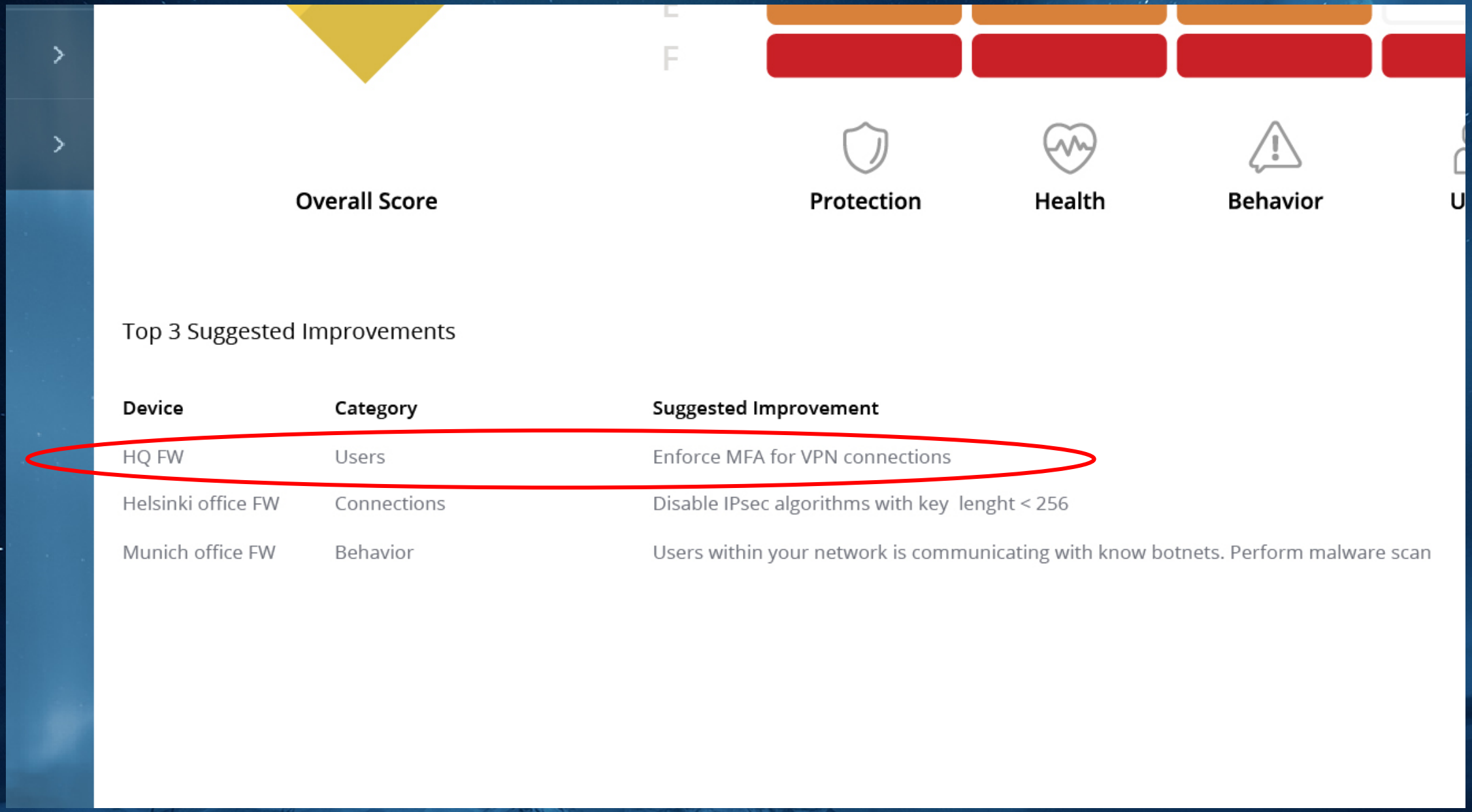
Category	Suggested Improvement
Users	Enforce MFA for VPN connections.
Connections	Disable IPsec algorithms with key length < 256.
Behaviour	Users within your network is communicating with know botnets. Perform malware scan.

CyberSecurity™ ScoreCard

clavister
D
40
Low
Protection
Health
Behavior
Users
Devices

CyberSecurity ScoreCard
60
Moderate
Threat Level


Clavister InCenter
Overview
CyberSecurity ScoreCard (BETA)
Overview
Details
Analyze
Manage
Alerting
System
Reporting
CyberSecurity ScoreCard (BETA)
CyberSecurity ScoreCard
Filter
All
A
B
C
D
E
F
D
60
Moderate
Overall Score
Protection
Health
Behavior
Users
Connections
Devices
Threat Level
Top 3 Suggested Improvements
Device
Category
Suggested Improvement
HQ FW
Users
Enforce MFA for VPN connections
Helsinki office FW
Connections
Disable IPsec algorithms with key lenght < 256
Munich office FW
Behavior
Users within your network is communicating with know botnets. Perform malware scan
SECURITY BY SWEDEN


F
Overall Score
Protection
Health
Behavior
Top 3 Suggested Improvements
Device
Category
Suggested Improvement
HQ FW
Users
Enforce MFA for VPN connections
Helsinki office FW
Connections
Disable IPsec algorithms with key lenght < 256
Munich office FW
Behavior
Users within your network is communicating with know botnets. Perform malware scan

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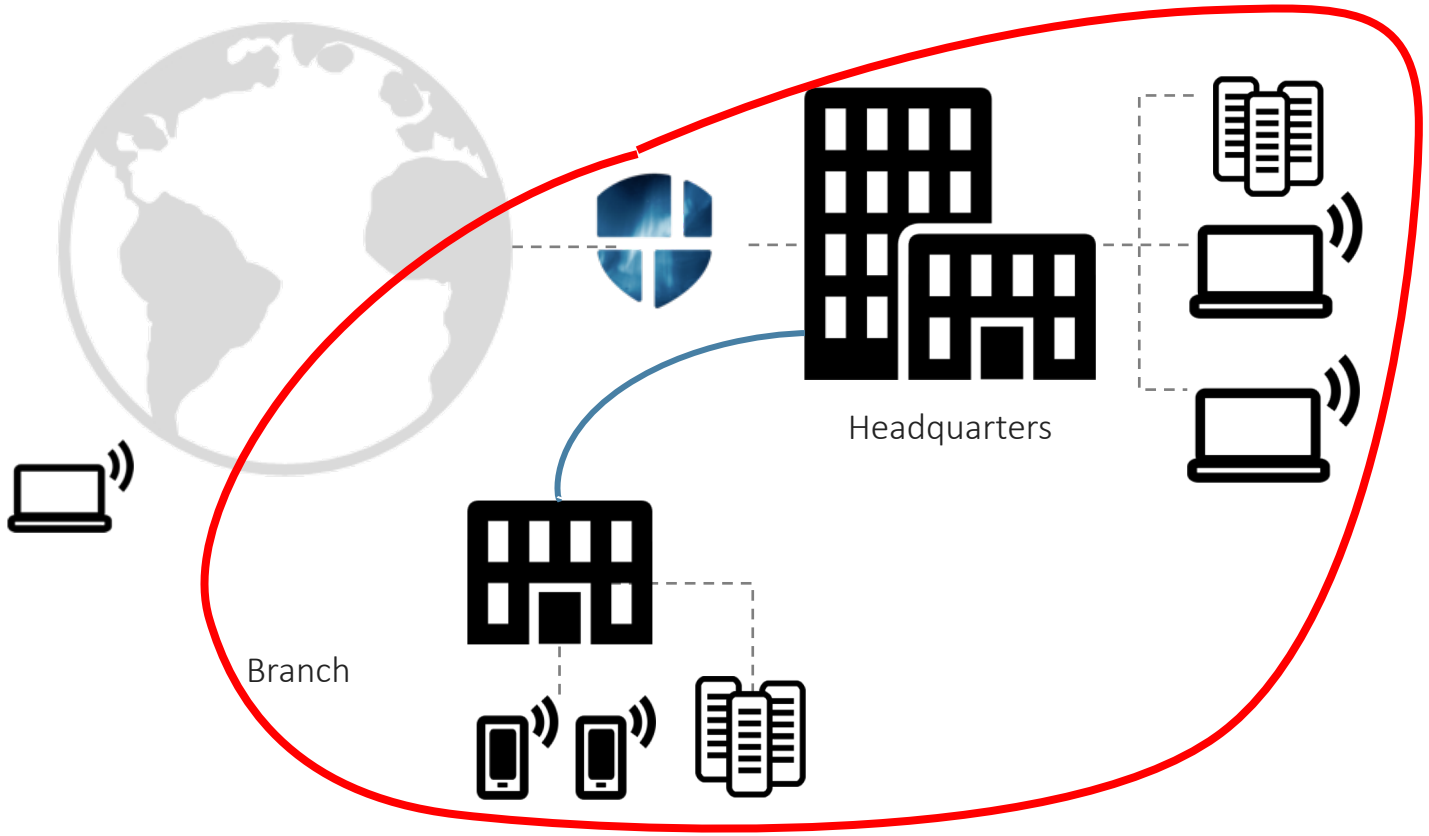
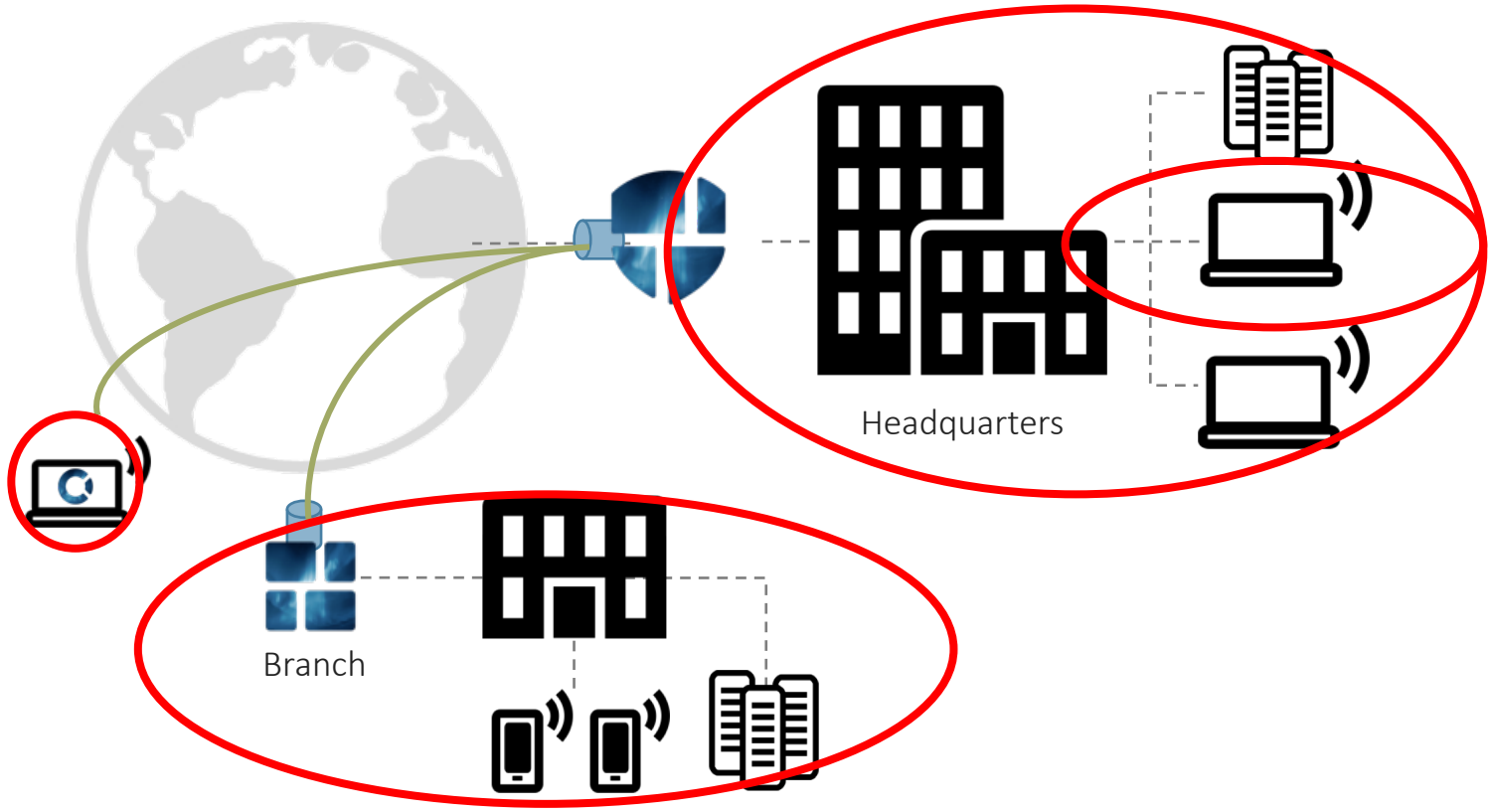
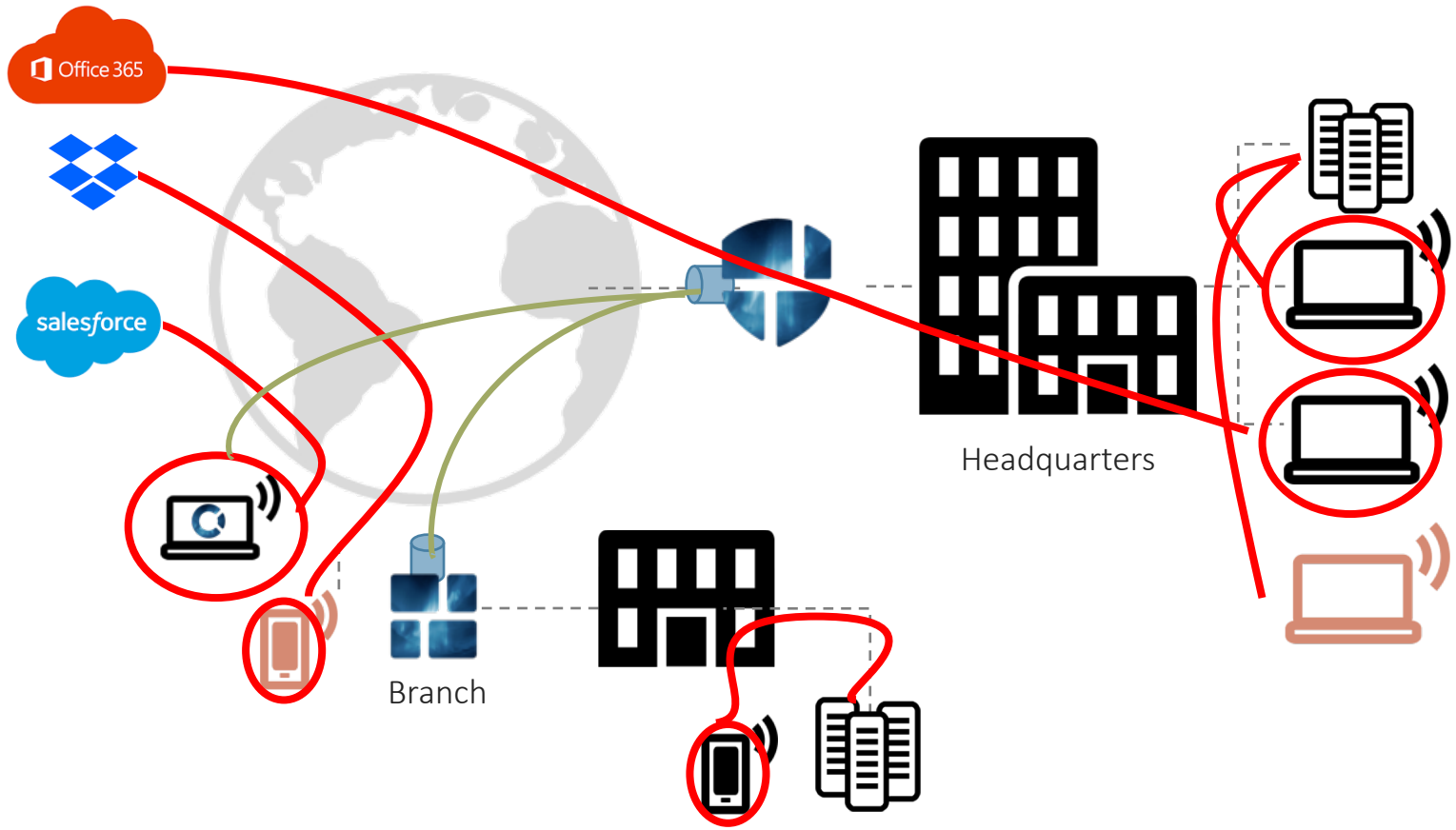
Traditional perimeter protection



Segmentation



The reality



In a “Cloud first” world
the Identity is the new perimeter

If the user / device is the perimeter– then the **only security is their password…**

81% of company data breaches are due to weak passwords
(Verizon Data Breach Investigations Report)

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?
!
Login

Multi Factor Authentication

Something you
HAVE

Something you
ARE

Something you
KNOW

BUT only 26% of companies have activated MFA ...

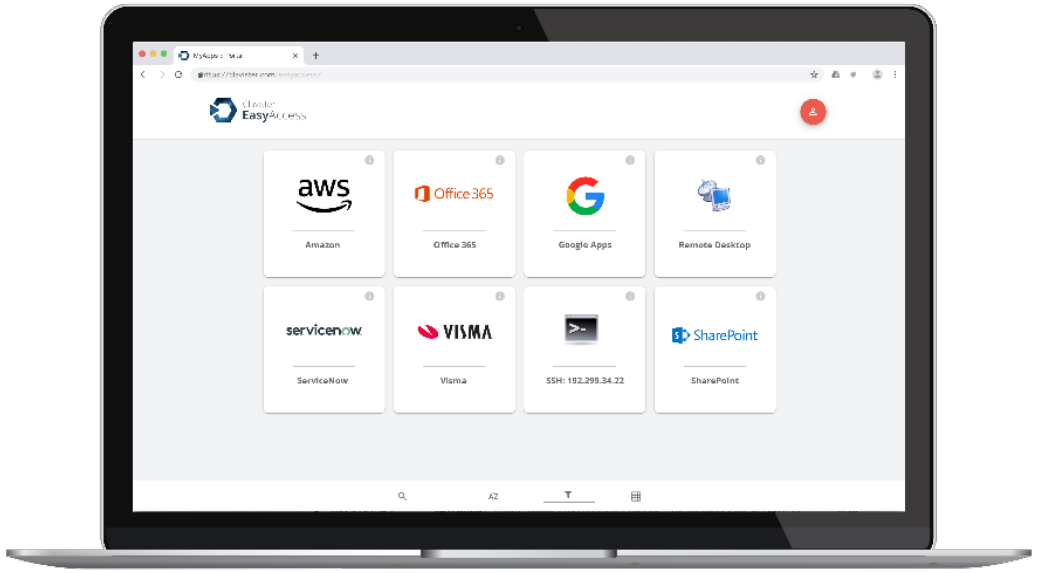
SECURITY BY SWEDEN

Security enemy #1:
Frustrated users!

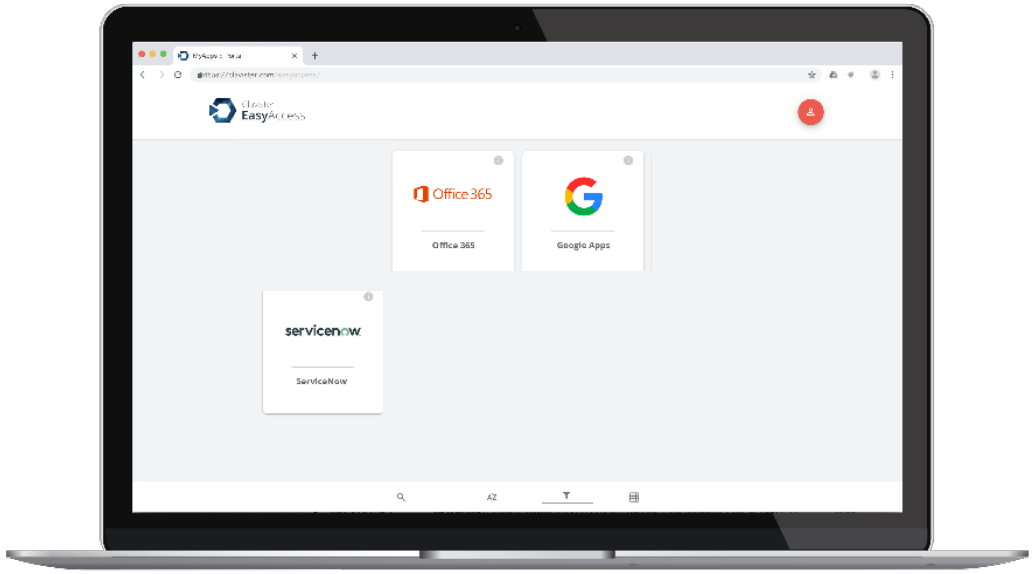
Use the mobiles existing **biometrics!**

- Face-ID
- Touch-ID
- Face Unlock
- Fingerprint Authentication

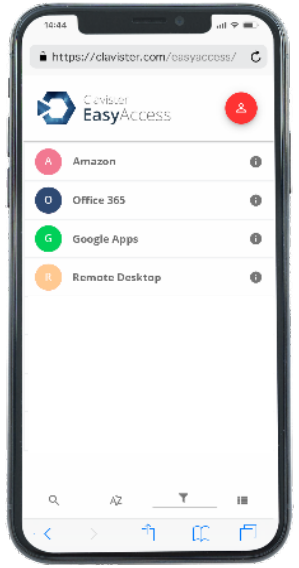
Singel Sign On with personalized access



Pelle



Kalle



Lisa

Make it simple! **#NoPassword**

clavister
A
40
Low
Protection
Health
Behavior
Users
Connections
Devices

CyberSecurity™
ScoreCard
Simplified Actionable Security Analytics
Helps IT Manager Anna:
• Reveal
• Prioritize
• Communicate
The status of IT Security
clavister

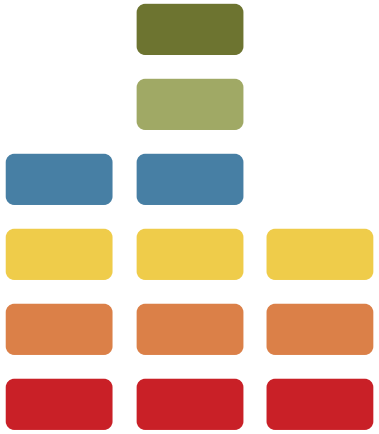
CyberSecurity™
ScoreCard

Simplified Actionable Security Analytics

Helps CEO John:

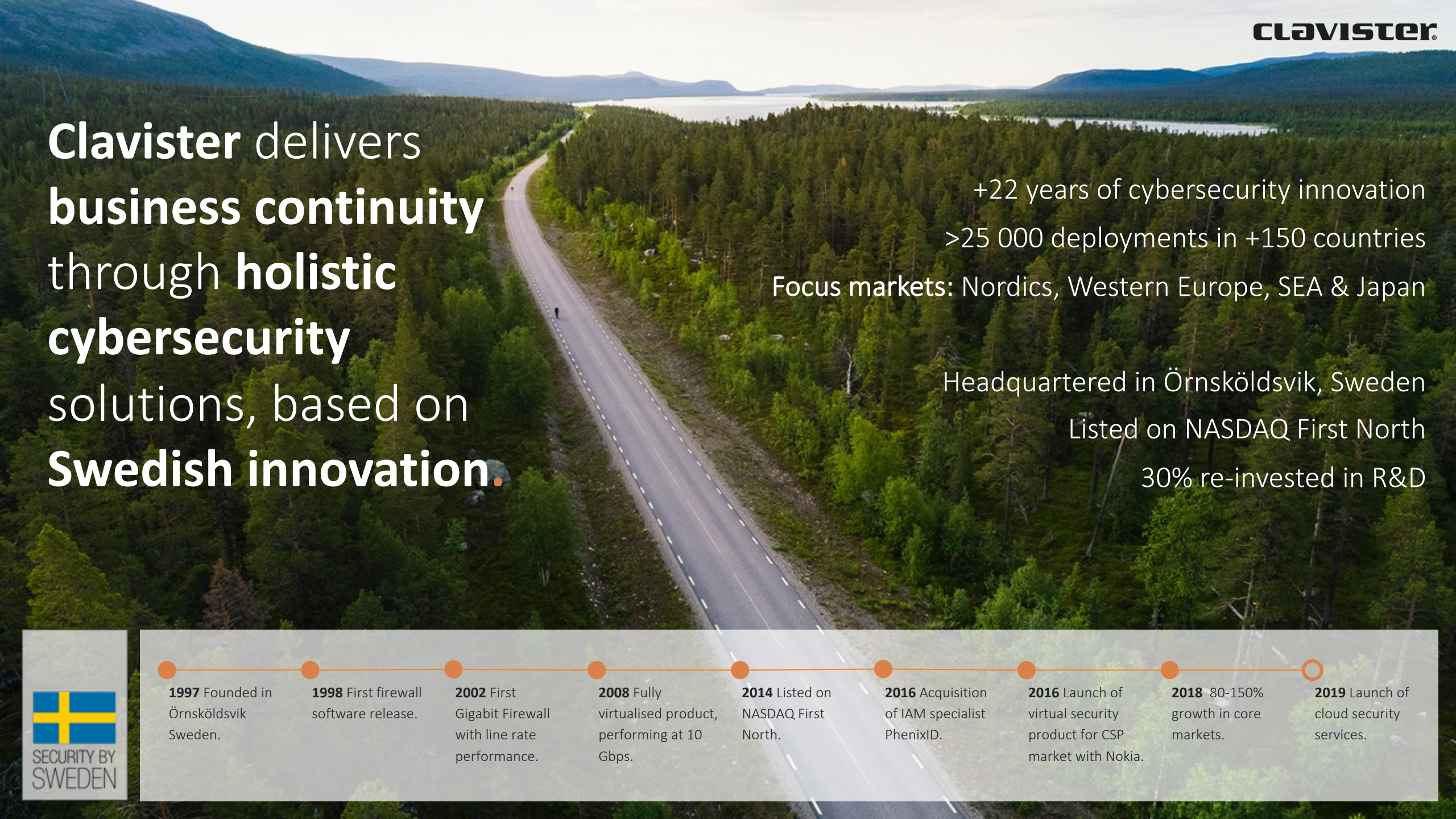
- See status
- Understand need
- See impact

Feel at ease!



CyberSecurity™ ScoreCard

Simplified Actionable Security Analytics



Clavister delivers **business continuity** through **holistic cybersecurity** solutions, based on **Swedish innovation.**

+22 years of cybersecurity innovation

>25 000 deployments in +150 countries

Focus markets: Nordics, Western Europe, SEA & Japan

Headquartered in Örnsköldsvik, Sweden

Listed on NASDAQ First North

30% re-invested in R&D

SECURITY BY SWEDEN

- **1997** Founded in Örnsköldsvik Sweden.
- **1998** First firewall software release.
- **2002** First Gigabit Firewall with line rate performance.
- **2008** Fully virtualised product, performing at 10 Gbps.
- **2014** Listed on NASDAQ First North.
- **2016** Acquisition of IAM specialist PhenixID.
- **2016** Launch of virtual security product for CSP market with Nokia.
- **2018** 80-150% growth in core markets.
- **2019** Launch of cloud security services.

From firewalls to the user, to the cloud

SECURITY BY SWEDEN

Clavister Portfolio: Products & Services.

MANAGEMENT & ANALYTICS

Clavister InControl
Central management with zero-touch

Clavister InCenter
Security Operations Centre

IDENTITY & ACCESS MANAGEMENT

Clavister EasyAccess
Authentication & Single Sign-on

Clavister EasyPassword
Password self service

Clavister EasySigning
Signing of docs and transactions

DEVICE SECURITY

Clavister OneConnect
Endpoint security client including VPN

Clavister OneTouch
MFA Authenticator

Clavister OnePass
Mobile one-time password generator

Clavister Endpoint Client
Protection & data leakage prevention

NETWORK SECURITY

Clavister NetWall
Next-Generation Firewalls

Clavister NetShield
Service-Based Firewalls

Clavister NetEye
Advanced Threat Protection

CLOUD SERVICES

Clavister InCenter Cloud
Security Operations Centre - aaS

Clavister NetEye Cloud
Advanced Threat Protection - aaS

Clavister SandBox Cloud
Controlled Detonation - aaS

Clavister EasyAccess Cloud
Authentication & Single Sign-on

SERVICES

Clavister Training

Clavister Care

Clavister Consulting

Security By Sweden.

- **#NoBackDoors**
- World-class protection from the **independent alternative**
- **Quality & robustness** part of our **DNA**
- Focused on **customer satisfaction**

SECURITY BY SWEDEN

Record Customer Satisfaction

Company	NPS*
clavister	59
FireEye	54
Cisco	38
Sophos	34
Check Point	33
Symantec	-3
Fortinet	-8

*NPS = Net Promoter Score, scale from -100 to 100
December 2019

SECURITY BY SWEDEN

Verticals and selected reference customers.

Education & Public Sector

Retail & Distributed offices

Critical Infrastructure

Industrial IoT & Transportation

Communication Service Providers

Swedish Civil Contingencies Agency

Försäkringskassan

Kriminalvården

Stockholms stad

Göteborgs Stad

GOTLANDS KOMMUN

Regus

IWG International Workplace Group

D-Link

Canon IT Solutions Inc.

e·on

Skellefteå Kraft

Göteborg Energi

BÖRSEN AG DÜSSELDORF | HAMBURG | HANNOVER

SAAB

BAE SYSTEMS

BUMIARMADA

DANIELI

ELDON

NTTBP

NOKIA

TATA

ERICSSON

ENEA

Thank you!

Welcome to talk to PEDAB and Clavister.

www.clavister.com/cybersecurity-scorecard