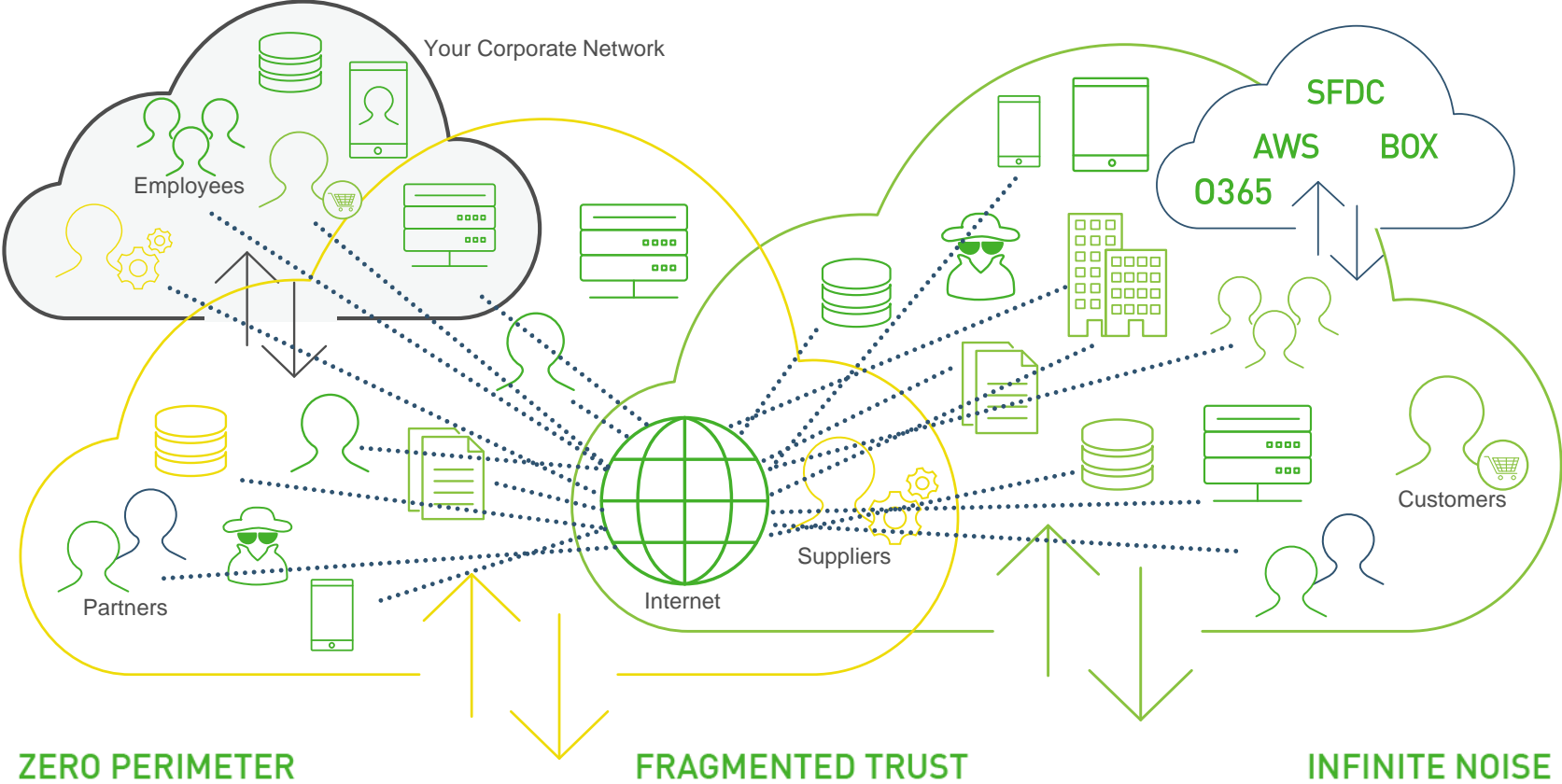

Know who to Trust. Know what to Stop.

Ștefan Scânteie

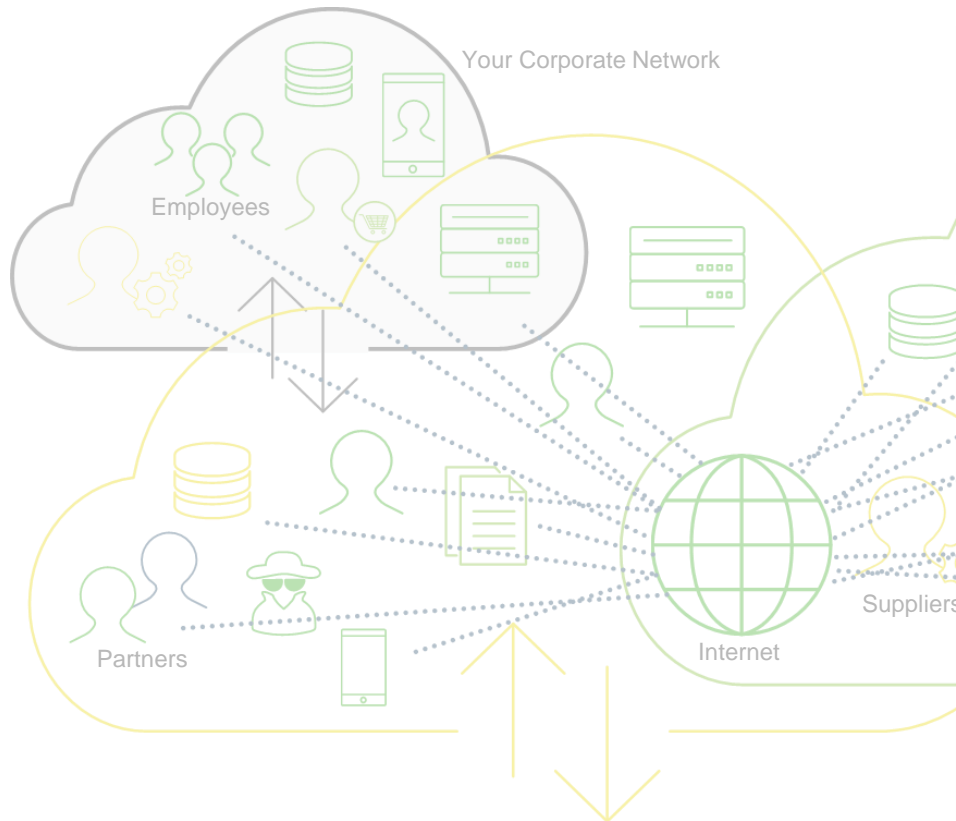
Sales Engineer, SEE



HOW DO YOU SECURE A WORLD WHERE YOU OPERATE ON THE INTERNET BUT DON'T OWN THE INTERNET



HOW DO YOU SECURE A WORLD WHERE YOU OPERATE ON THE INTERNET BUT DON'T OWN THE INTERNET?



Continuously Expanding Attack Surface

Do you know where all your data lives?

Lack of Visibility

You cannot secure what you cannot see

Disjointed Security Policy

From one perimeter to defend to many

Siloed Security Solutions

A patchwork of offerings that create unintended gaps

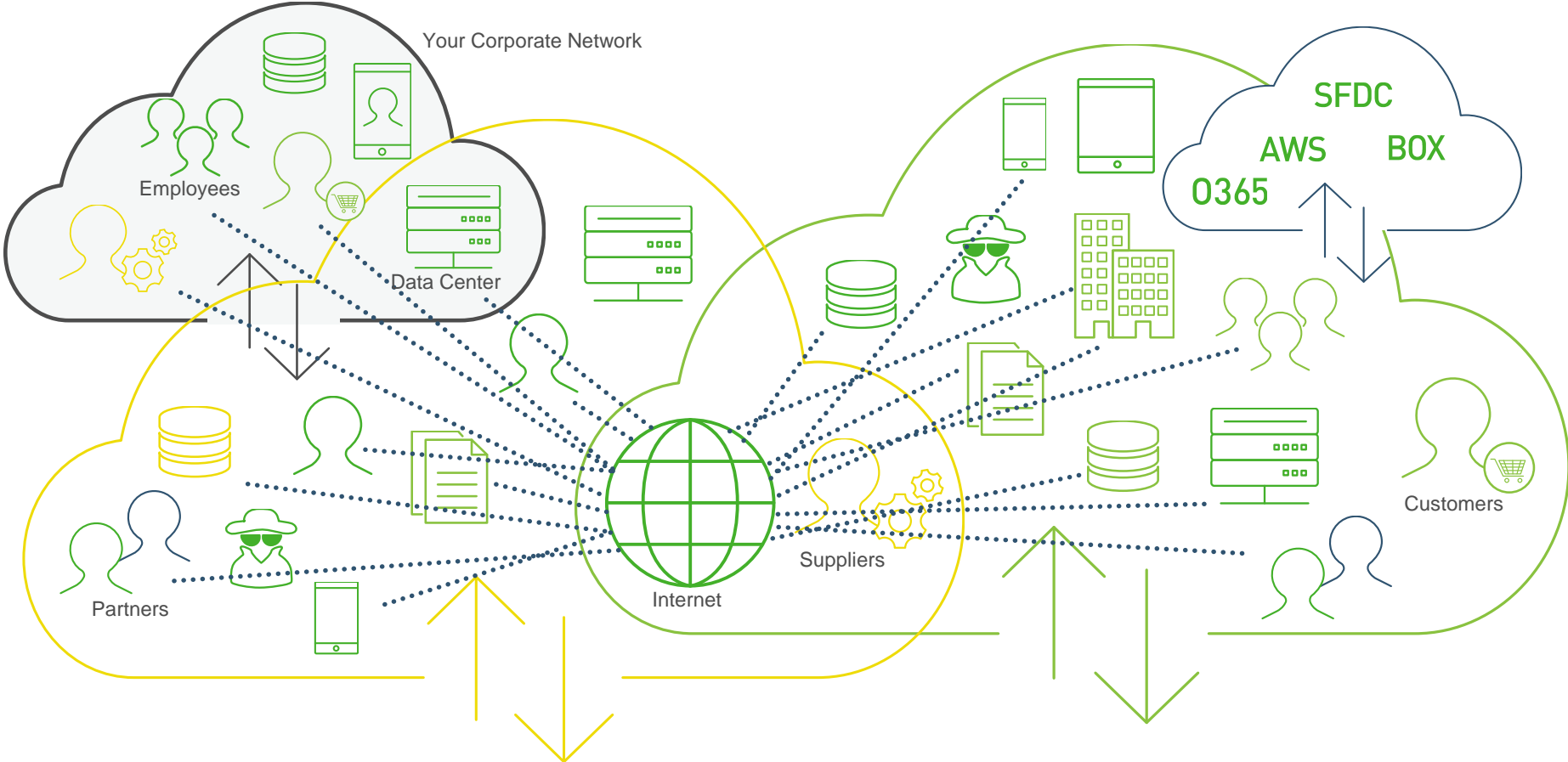
Signals Become Noise

An overload of events

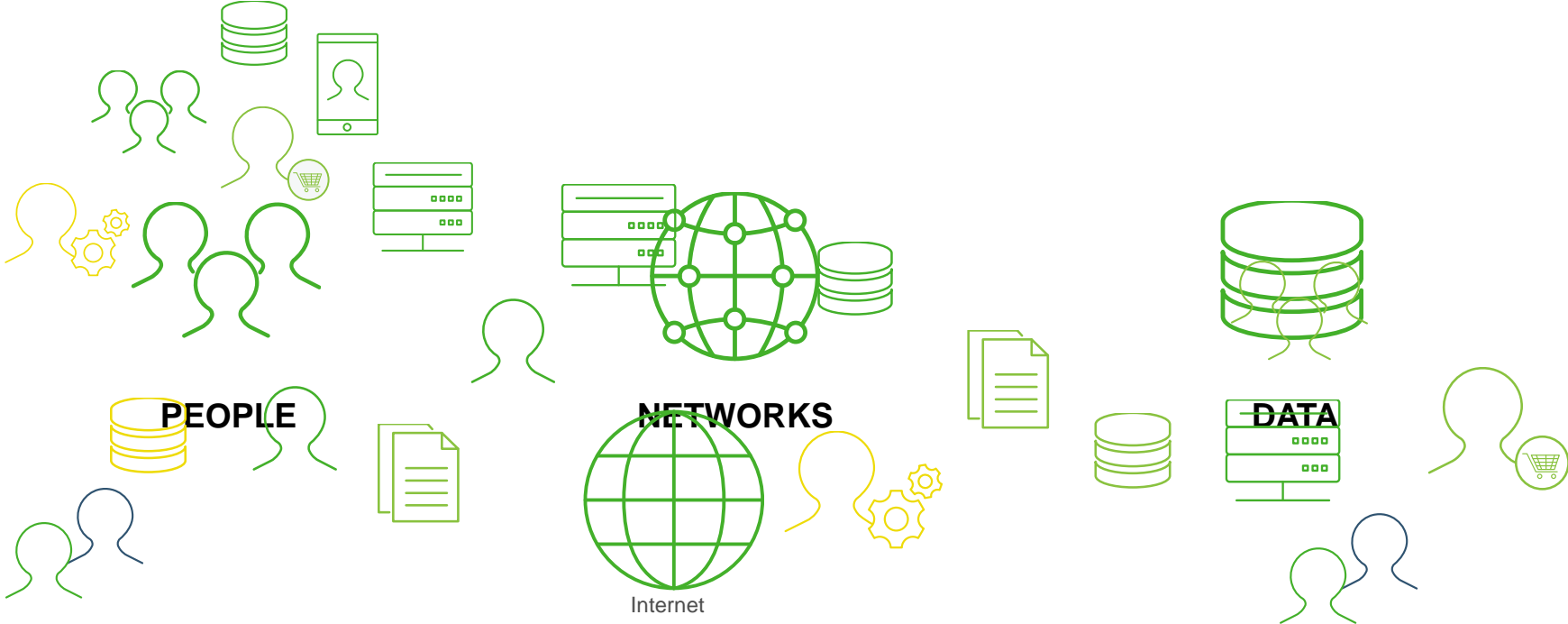
Disparate Compliance Regulations

Things just got a lot more complicated

FOCUS ON MANAGING PEOPLE AND DATA



FOCUS ON MANAGING PEOPLE AND DATA



A NEW APPROACH NEEDED: HUMAN-CENTRIC SECURITY

the rhythm of your **people**

THE
HUMAN POINT
SYSTEM

the flow of your **data**

VISIBILITY & CONTROL



Deep insight into **user behavior** and **cloud application usage** to assess & control risk

ENABLING USERS



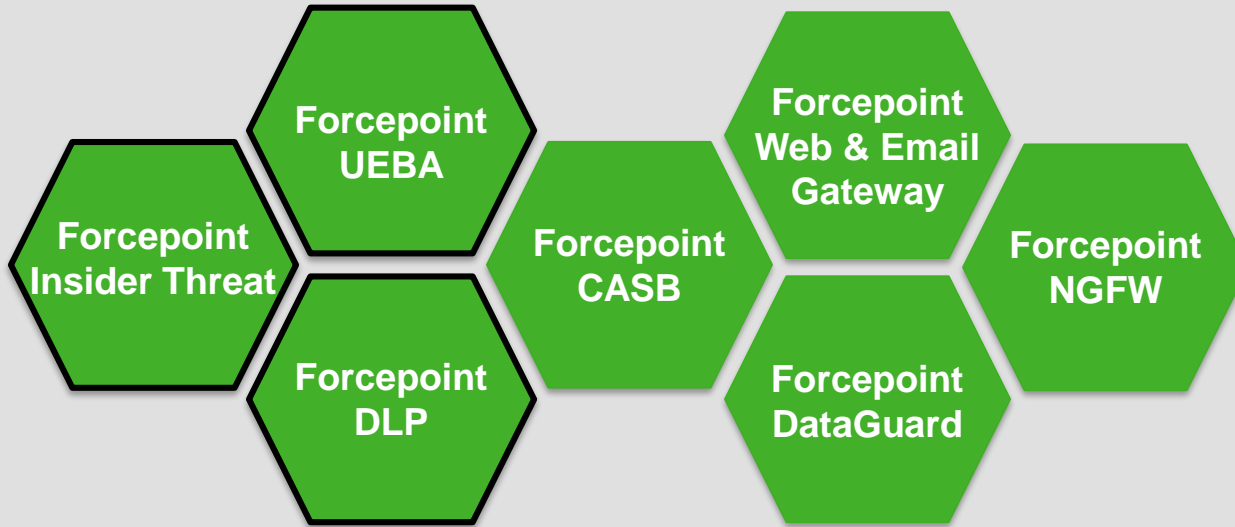
Safeguards for users to be productive on any device while shielding corporations from risk

PROTECTING VITAL DATA



Advanced real-time protection to ensure data is not compromised

FORCEPOINT'S HUMAN POINT SYSTEM



Analytics | Management | Orchestration

Forcepoint Advanced Malware Detection, ACE and ThreatSeeker

USER AND DATA SECURITY: WHAT ARE WE TRYING TO SOLVE?



Protect important data

without



Frustrating
Users

Overwhelming
Administrators



Mistaking



for



TODAY'S DATA PROTECTION OPTIONS ARE LIMITING

Traditional
UEBA

Forensic
Analysis



Learning why something happened yesterday does not stop the problem.

Traditional
Insider Threat

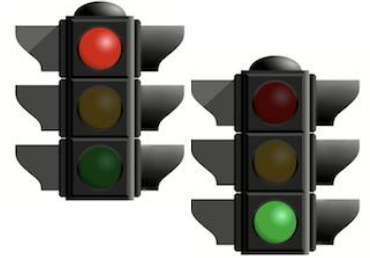
Constant
Monitoring



Balancing workforce privacy and IP protection is critical.

Traditional
DLP

Block it or
Allow it



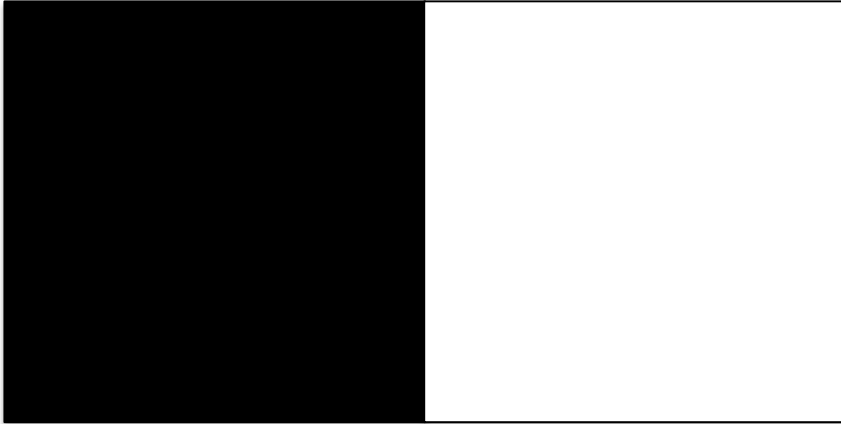
Current policies are far too rigid to be effective.



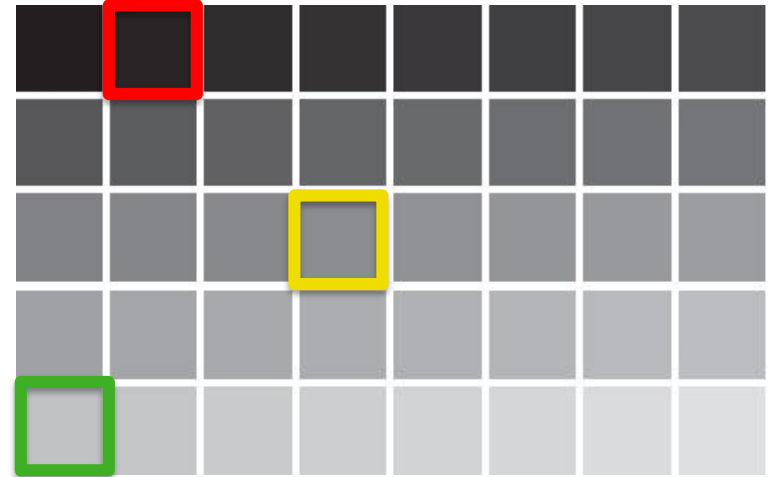
An effective solution should cut through the noise of alerts, highlight early warning signals to **prevent** the loss of important data.

WE NEED A NEW APPROACH

Today's Data Protection Competitors



Machines are binary



Human Behavior is not black and white

TODAY'S DATA PROTECTION SCHEMES

Fixed policies based on pre-defined rules



Kate is giving a presentation to senior leadership and tries to copy her slides to a USB stick

**Traditional
DLP Policy**

Policy: **block** files from being copied to USB drives, alert gets sent to IT

User Impacts

Kate is frustrated because simple tasks are blocked

Kate will find another way to solve her problem

The data protection system becomes ineffective

Administrator Impacts

The admin needs to track down the alert

Thousands of alerts come in overwhelming the security admin team

The security team turns off the DLP policy because there are too many false positives

RISK ADAPTIVE PROTECTION

Actions vary based on the risk level of people and the value of data



Kate is giving a presentation to senior leadership and tries to copy her slides to a USB stick

Kate begins to bulk copy files to her local machine at off hours. (she's getting ready for a trip abroad)

She gets a supplier's query about an order she doesn't remember placing and then logs into the supplier's website to check on it (she just got phished)

Kate begins accessing highly sensitive drug formula data and attempts to copy it off the corporate network

High
Risk Group

Policy: **observe** Kate's every user & machine detail and **block** all data transfers or copies anywhere

Medium
Risk Group

Policy: **observe** Kate much more closely with video from local cache.

Low
Risk Group

Policy: **encrypt** fingerprinted files to USB drives but allow others to be copied.

EMPLOYEE INTENT VS EMPLOYEE CREDENTIALS



-VS-



81% of hacking-related breaches leveraged either stolen and/or weak passwords*

* Verizon 2017 Data Breach Investigations Report 10th Edition

PROTECTING THE HUMAN POINT



Secure Regulated Data

... everywhere your people work

- ▶ Compliance coverage
- ▶ Single point of control
- ▶ Deep integrations with Microsoft and broad coverage of cloud apps



Protect Intellectual Property

... with visibility & control over how your people create, move & use data

- ▶ Empower your people to protect data
- ▶ Advanced identification & control
- ▶ Focus on greatest risk



Adapt Protection Based on User Risk

... by analyzing user behavior and the value of the data they touch

- ▶ Endpoint-based behavioral risk scoring => data + user action
- ▶ Dynamic controls applied based on user risk score
- ▶ Understand how users interact with most sensitive data

