

# **Is it Time 2 RETHINK CYBERSECURITY ?**

## **NAMIBIA ICT SUMMIT - WINDHOEK**

**Christo van Staden**  
Regional Director, Sub Sahara Africa

 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.

# SHIFTING LANDSCAPE

An aerial photograph showing a vast expanse of dark, choppy water covered with numerous large, irregular ice floes. The ice floes are white and blue, with some showing signs of melting and cracking. The perspective is from a high angle, looking down at the ice and water.

Protecting the human point.



The background is a deep blue field filled with a complex, three-dimensional perspective grid. The grid lines are composed of binary code (0s and 1s) in a lighter blue color, creating a sense of depth and digital architecture. The lines converge towards a vanishing point in the upper right, giving the impression of a vast, digital space.

# NO EASY FIX

 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.

# PRIVACY HAS BECOME AN ILLUSION



 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.




# “WHITHER BOUND”?



**FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.

# EVERYONE TO THE DEFENSE

 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.



# CYBER CONTINUUM OF INTENT



**FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.

# TECHNOLOGY NO LONGER MAGIC



 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.



# \$427 BILLION

2017-2020

\$298 Billion  
2009-2016



 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.



# **“SUBVERT THE DOMINANT PARADIGM”**

— Thomas Kuhn

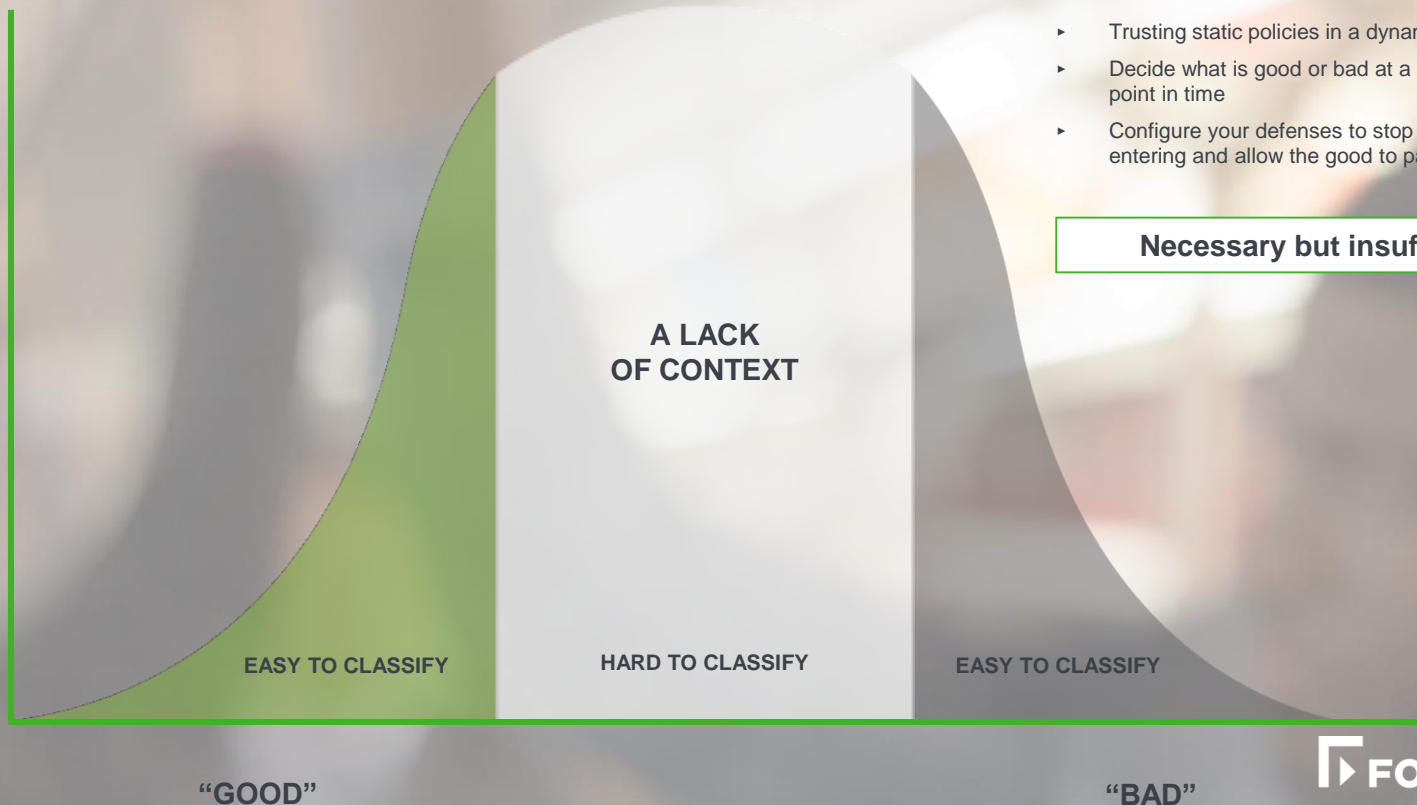
 **FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.



# THE TRADITIONAL APPROACH TO CYBERSECURITY

DIGITAL  
ACTIVITY



## THREAT CENTRIC

- ▶ Trusting static policies in a dynamic environment
- ▶ Decide what is good or bad at a single point in time
- ▶ Configure your defenses to stop the bad from entering and allow the good to pass through

**Necessary but insufficient**

# A NEW PARADIGM: HUMAN-CENTRIC CYBERSECURITY

PROVIDE CONTEXT  
TO MAKE OPTIMAL  
SECURITY DECISIONS

DIGITAL  
ACTIVITY

## BEHAVIOR CENTRIC

- ▶ Detect individuals interacting with system that post the greatest potential user risk
- ▶ Rapidly and anonymously understand potential risky behavior and context around it
- ▶ Decide what is good or bad based on how users interact with your most valuable data
- ▶ Continuously revisit your decisions as you and our machines learn

Risk-adaptive security

“GOOD”

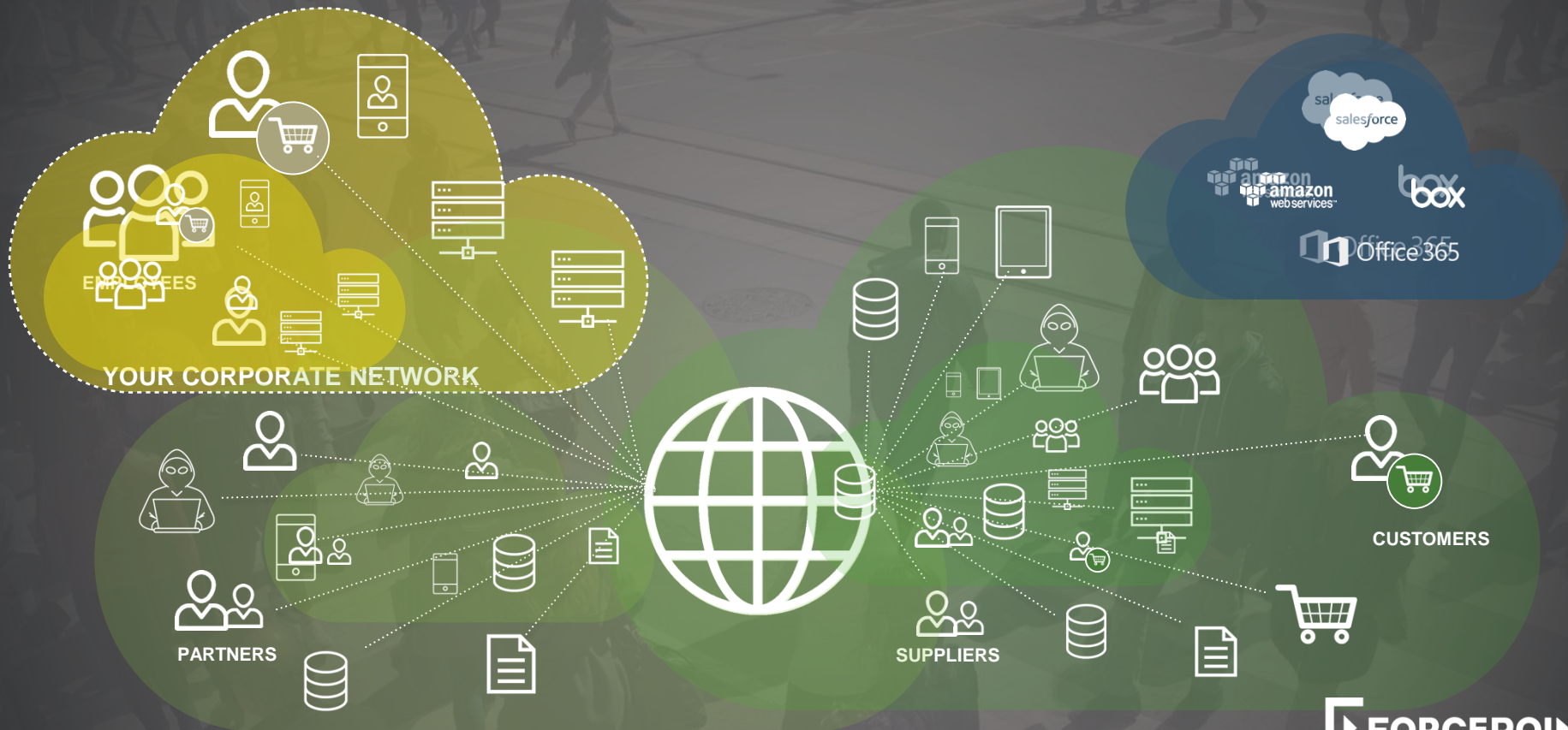
“BAD”

**FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.



## FOCUS ON THE TRUE CONSTANTS



**FORCEPOINT**  
POWERED BY Raytheon

Protecting the human point.

## THE HUMAN POINT

PEOPLE

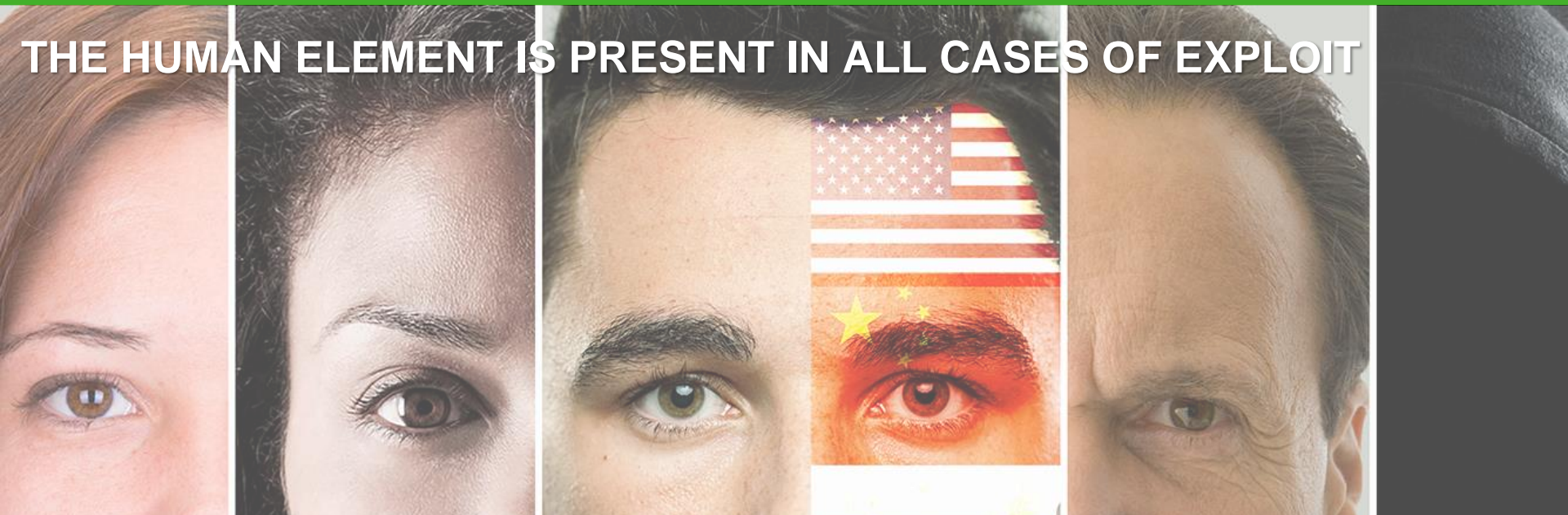


DATA



Understanding the intersection  
of people, critical data and IP  
over networks of different  
trust levels.





# THE HUMAN ELEMENT IS PRESENT IN ALL CASES OF EXPLOIT

## CYBER CONTINUUM OF INTENT

81% of hacking-related breaches exploited  
compromised credentials\*

People make mistakes

Malware executes through impersonation

People can be malicious

All of these behaviors are on your  
network at this very moment.

***You need to understand them.***

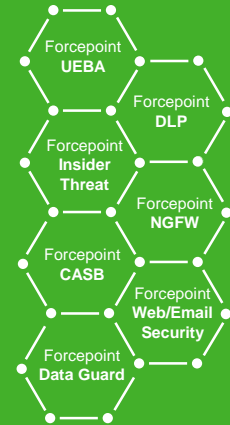
\*Verizon, Data Breach Investigations Reports, 2017

# OUR JOURNEY TOGETHER

SECURITY  
EFFECTIVENESS



## THE HUMAN POINT SYSTEM



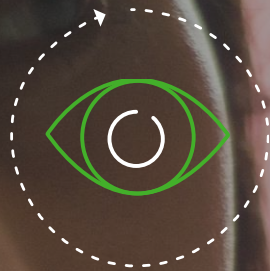
Threat-centric

Data-centric

Risk adaptive

Source: Gartner: [Use a CARTA Approach to Embrace Digital Business Opportunities in an Era of Advanced Threats](#)

# THE FORCEPOINT APPROACH



**360 VIEW OF  
DATA**



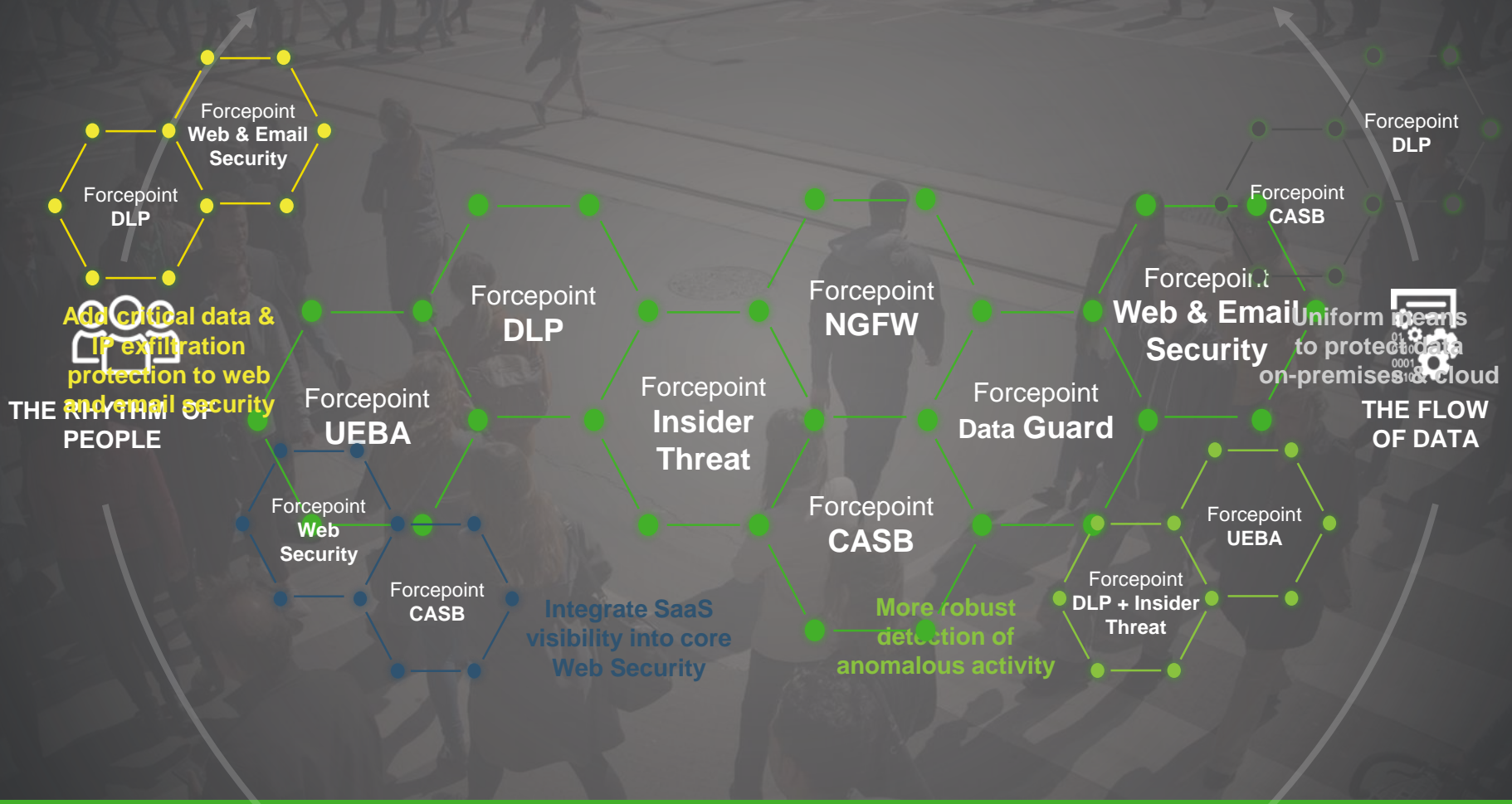
**DEEP  
UNDERSTANDING  
OF CONTEXT**



**REAL-TIME  
ENFORCEMENT**



# HUMAN POINT SYSTEM IS HERE TODAY

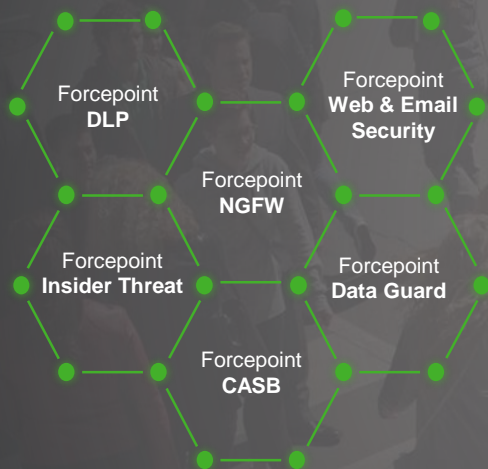


# MAXIMIZE ANALYTIC POWER OF THE HUMAN POINT SYSTEM

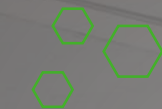
## INGEST DATA SOURCES

## FEED THE ENGINE

## GAIN THE INSIGHTS



Third-party data sources



**DATA MODEL**  
Extensible Data Module for  
All Structured &  
Unstructured Sources



**RISK SCORING**  
Entity Risk Scoring & Progression  
Along Cyber Risk Chain

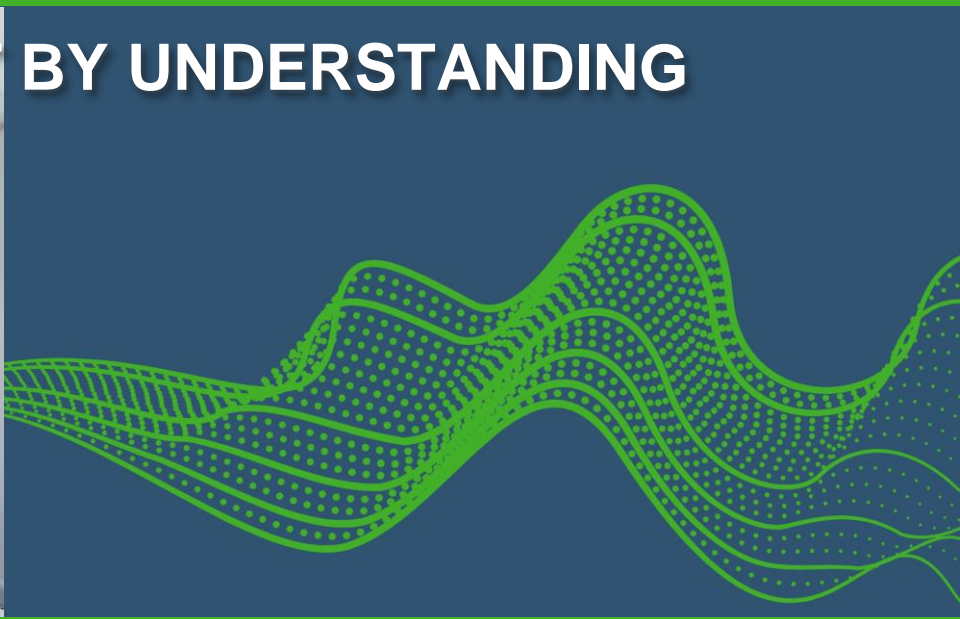
**COMMUNICATIONS**  
Specialized Communications  
Analytics - Content & Meta



**VISUALIZATIONS**  
Behavioral Analytics  
Visualization

- Data exfiltration (DE)
- Malicious user (MU)
- Negative behavior (NB)
- Illicit behavior (IB)
- Compromised user (CU)

# PROTECT THE HUMAN POINT BY UNDERSTANDING



the rhythm of your people **AND** the flow of your data



## VISIBILITY

Know where your critical IP is & who is interacting with it everywhere



## POLICY

One policy to manage data movement & access across ALL distributed systems



## ENFORCEMENT

Risk adaptive protection to act on change in human risk to critical IP in real time



## COMPLIANCE

Effectively adhere to compliance regulations no matter where your data resides



A close-up, low-angle shot of a woman's face, focusing on her eye and nose. She has dark hair and is looking slightly to the side. The background is blurred, showing hints of a window or indoor setting.

**OUR MISSION IS ALIGNED WITH YOURS**

**Protecting Livelihoods | Privacy | Profits**