Human-Centric Security For The Era Of Digital Transformation

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Sales Engineer SEE
Forcepoint was purpose-built to enable the next generation of cybersecurity

• Created by Raytheon in 2016 to commercialize defense-grade technologies for large enterprises.

• One of the largest private cybersecurity companies in the world – more than 13,000 customers, operations in more than 150 countries, 2,700 employees across 50 offices, and 27 data centers worldwide.

• Leading partner to the global intelligence community and for high assurance cyber missions.

• One of the most comprehensive and integrated security product portfolios in the industry.
$1 Trillion Has Been Spent Over The Past 7 Years On Cybersecurity, With 95% Success ...For The Attackers

46% say they can't prevent attackers from breaking into internal networks each time it is attempted.

100% of CIOs believe a breach will occur through a successful phishing attack in next 12 months.

Enterprises have seen a 26% increase in security incidents despite increasing budgets by 9% YoY.

Digital Transformation Will Unlock Tremendous Value... If Cybersecurity Challenges Can Be Addressed

$100 trillion

The value that the World Economic Forum estimates will be created from digitalization over the next 10 years.

“What are the greatest challenges in digital transformation?”

<table>
<thead>
<tr>
<th>Challenge</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security</td>
<td>31%</td>
</tr>
<tr>
<td>Technology strategy</td>
<td>24%</td>
</tr>
<tr>
<td>Company culture</td>
<td>23%</td>
</tr>
<tr>
<td>Lack of technology skills</td>
<td>20%</td>
</tr>
</tbody>
</table>


Four Elements Of Digital Transformation That Create Advantage And Risk

- Cloud IT creates security blind spots and fragmented security management and accountability.
- More critical data is being created than properly protected.
- Data should flow freely across the business.
- Network transformation to support cloud-centric IT breaks existing security architectures.
- Personnel and IoT devices are security vulnerabilities.
- A critical need is created to ensure trusted interactions across the extended enterprise.

“Your IT infrastructure is going to the cloud, driven by business need and speed.”

“Data is the new oil and artificial intelligence the new engine of the digital economy.”

“Workforce, devices, and business processes are globally hyperconnected.”

“Employees and partners collaborate using all of a company’s assets.”

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Users And Data Must Be At The Center Of Your Design Thinking

User and data interactions are distributed, diverse and dynamic – this breaks traditional security architectures and increases business risk.
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Traditional Security

One-to-many enforcement of static, generic policies, producing high false positive rates.

User & Data Centric

Pre-2000  Infrastructure-centric  2010  Behavioral-centric  2020
Human-Centric Cybersecurity Changes Everything

Traditional Security

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Human-Centric Security

One-to-one enforcement of different policies based on the risk, enabling automation.
What is the best way to reduce risk and secure an environment you increasingly don’t own or fully manage?

Humans and Data
Where Are You In Your Digital Transformation Journey?

*from Gartner's 2019 CIO Agenda: Secure the New Foundation for Digital Business

**Example IT Initiatives**

- Just Getting Started (25%)
  - Salesforce.com
  - Cloud Email
  - Private Cloud
  - Box.com

- Well Underway (42%)
  - Office 365
  - SAP Concur
  - Private Cloud + AWS
  - Zoom / Slack

- Ahead of Peer Group (20%)
  - Workday
  - Cloud ERP
  - SD-WAN/Direct-to-Cloud
  - AWS + Azure

- Industry Leading (13%)
  - Public-Cloud First
  - SaaS-First
  - Full BYOD Support

**Example Security Technologies**

- Threat Protection
  - NGFW
  - Secure Web Gateway

- Information-Centric
  - DLP
  - CASB
  - Email

- Analytics-Centric
  - UEBA
  - AI / ML
  - SOAR

- Behavior-Centric
  - Zero Trust
  - CARTA
  - Human-Centric

*Security Maturity*

*from Gartner's 2019 CIO Agenda: Secure the New Foundation for Digital Business*
Key Security Categories In The Era Of Digital Transformation

Secure Cloud Adoption and Network User Protection
- Domain Security Architect
- Infrastructure & Operations
- Network Security Architect
- Network Engineer

Critical Data and Intellectual Property Protection
- VP / Director, Security
- Compliance Officer
- Data Security Administrator
- Security Ops & Compliance

Workforce and Supply Chain Protection
- Insider Threat Program Manager
- Corporate Security
- VP / Director, Security
- Risk Officer
Forcepoint Supports Key Security Initiatives

Secure Cloud Adoption and Network User Protection

Security Initiatives
- Secure the adoption of SaaS & cloud
- Enable direct-to-cloud connectivity and security for remote offices
- Protect off-network users
- Modernize your hybrid IT network
- Deploy a cloud converged security model from the cloud

Critical Data and Intellectual Property Protection

Security Initiatives
- Next-gen your data protection
- Protect data in the cloud
- Discover data in a hybrid environment
- Confidently verify regulatory compliance (e.g., GDPR and HIPAA)

Workforce and Supply Chain Protection

Security Initiatives
- Stop data loss from insiders and compromised users
- Prevent sabotage and financial loss
- Protecting your supply chain
Forcepoint Offers A Broad Set of Converged Capabilities

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Converged Security Capabilities
Forcepoint Converged Security Platform
Designed to manage and mitigate risk

Key Business Benefits

- Cloud first, hybrid-ready flexibility
- Complete coverage across endpoints, clouds and networks
- Integrated capabilities that reduce security gaps and maintenance
- Integration with 3rd party tools
- Support for the broadest set of behavioral use cases
- Automated policy enforcement and case management

**Forcepoint Converged Security Platform**

**Secure Cloud Access and Network User Protection**

**Secure Critical data and Intellectual Property Protection**

**Ensure Workforce and Supply Chain Protection**

**Composable Security Services**
- Next Generation Firewall
- IPS
- SD-WAN
- Web Security
- Email Security
- AMD
- Cloud Access and User Behavior Security
- Data Security
- Deep Behavior Inspection
- Data Discovery, Classification, & Loss Prevention
- Insider Threat
- Analytics
- Endpoint DVR

**Risk-Adaptive Policies and Workflow**
- Unified Policy
- Cloud-based Management
- Real-time Investigation

**Behavior Intelligence and Analytics**
- Adaptive Trust Profile
- Dynamic Risk Scoring
- Behavior and Threat Intelligence Feeds

**Forcepoint and 3rd Party Ecosystem Integrations**
- Forcepoint and 3rd Party Observation & Enforcement Points
- IDAM
- Cloud Application Integrations
- Orchestration & Automation

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The Forcepoint Difference

We are the experts in human-centric security.

Risk-adaptive protection powered by behavioral intelligence research delivers automation.

Compelling TCO through a breadth of converged capabilities.

We are 100% committed to our customers’ success.
Next Steps On Your Path To Human-Centric Cybersecurity

- Participate in a briefing at our Boston Cyber Experience Center
- Engage in a workshop with our executive security strategists
- Conduct a demonstration with your technical team
Thank you

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