



Our journey to GDPR

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Cisco at a Glance



offices in **94**
countries



482
Offices



136,381
Connected
Stakeholders



72,468
Employees



2000+
Production applications



201,023
Connected
User Devices



doing business in
165+ countries



28.8MW
Data Center
Capacity



6,572
LAN Switches



4,326
Routers

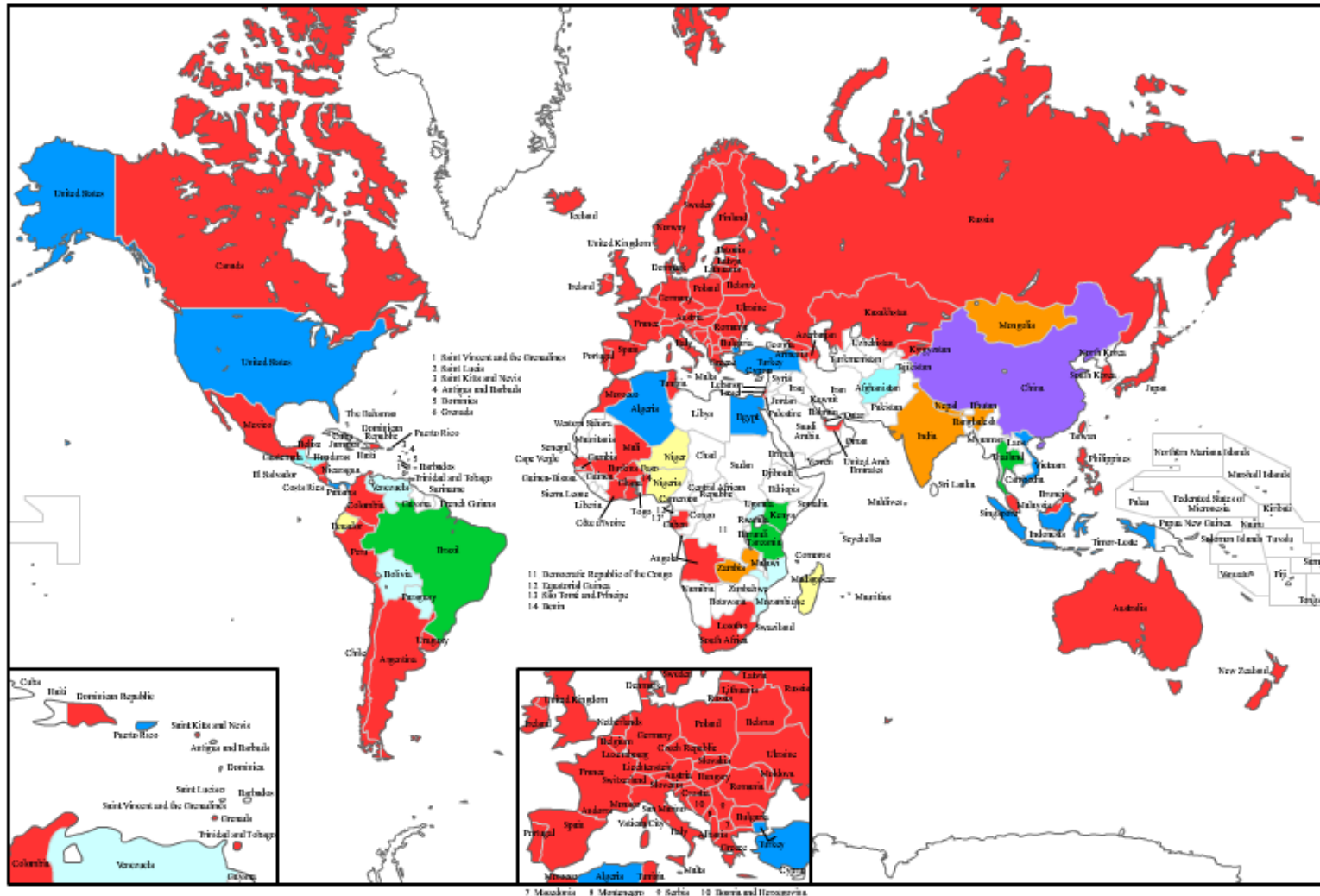


94
Services



348
Active Production DBs

Selling Globally: Regulations & Laws



- RED = Comprehensive data protection law
- ORANGE = Partial or limited data protection law
- YELLOW = Draft data protection law being considered
- BLUE = Broad sectoral privacy regulations
- SKY = Constitutional right to privacy

Country is currently blue, but considering a comprehensive data protection law

China has sectoral laws as well as a voluntary "guidelines for personal information protection"

Data Protection Program



Policies and
Standards



Identification and
Classification



Data Risk and
Organizational Maturity



Incident
Response



Oversight and
Enforcement



Privacy



Security



Awareness and
Education

What Does “GDPR-Ready” Look Like?

Know Your
Data

Assess &
Manage

Secure

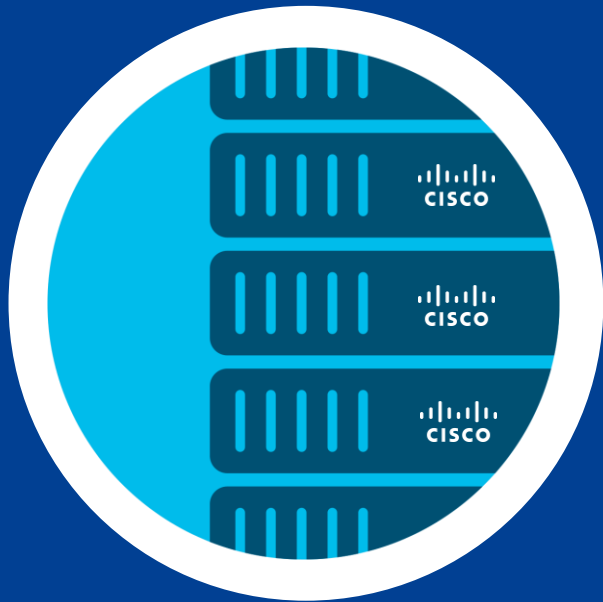
Raise
Awareness

Cisco Security Advisory Services



- GDPR Services
- Security Privacy and Risk Management Services
- Incident Response Services
- Security Strategy and Architecture Services

Cisco Security Products/Solutions



- Advanced Threat
- Network Security
- Policy and Access
- Cloud Security
- Web and Email Security
- Ransomware Defense
- Encrypted Traffic Analytics

TALOS

Cisco Talos Threat Intelligence

Cisco Security Architecture



Integrated Threat Defense

TALOS – Threat Intelligence



Network



Endpoint



Cloud

Services

A New Era of Digitization...

Brings a New Era of Security Challenges

More IoT devices
connect everyday

Expanded attack surface

Workloads are
moving to the cloud

Loss of control

Mobile workers with
many devices

Loss of visibility

Numerous &
persistent threats

High likelihood of a breach



The Solution: Network + Security

Enlist the Rest of your Network for Security

Detect threats everywhere

See and analyze all traffic across the extended network

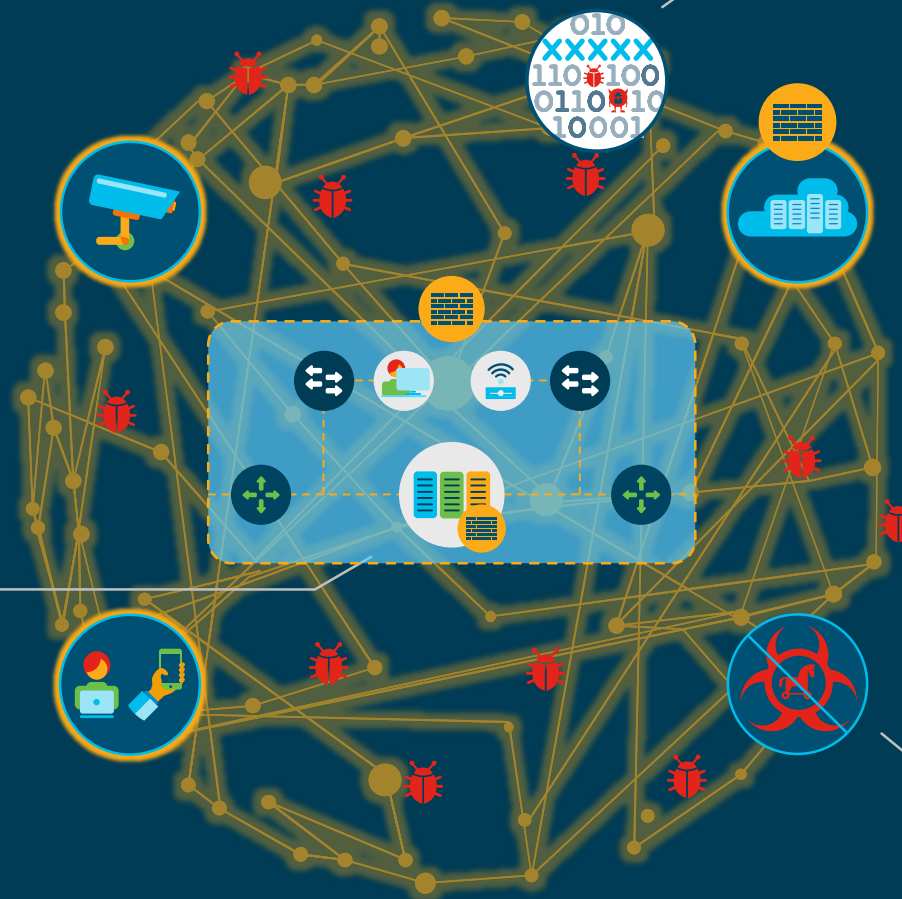
Typical Network:
<10 firewalls
<100 routers
<1000 switches

Fortify the firewall

Strategically place next-gen firewalls for more effective protection

Contain and isolate threats

Dynamically enforce software-defined segmentation based on business roles



Leverage the Network to Provide Visibility, Segmentation, and Threat Protection



Visibility
“See Everything”



Segmentation
“Reduce the
Attack Surface”

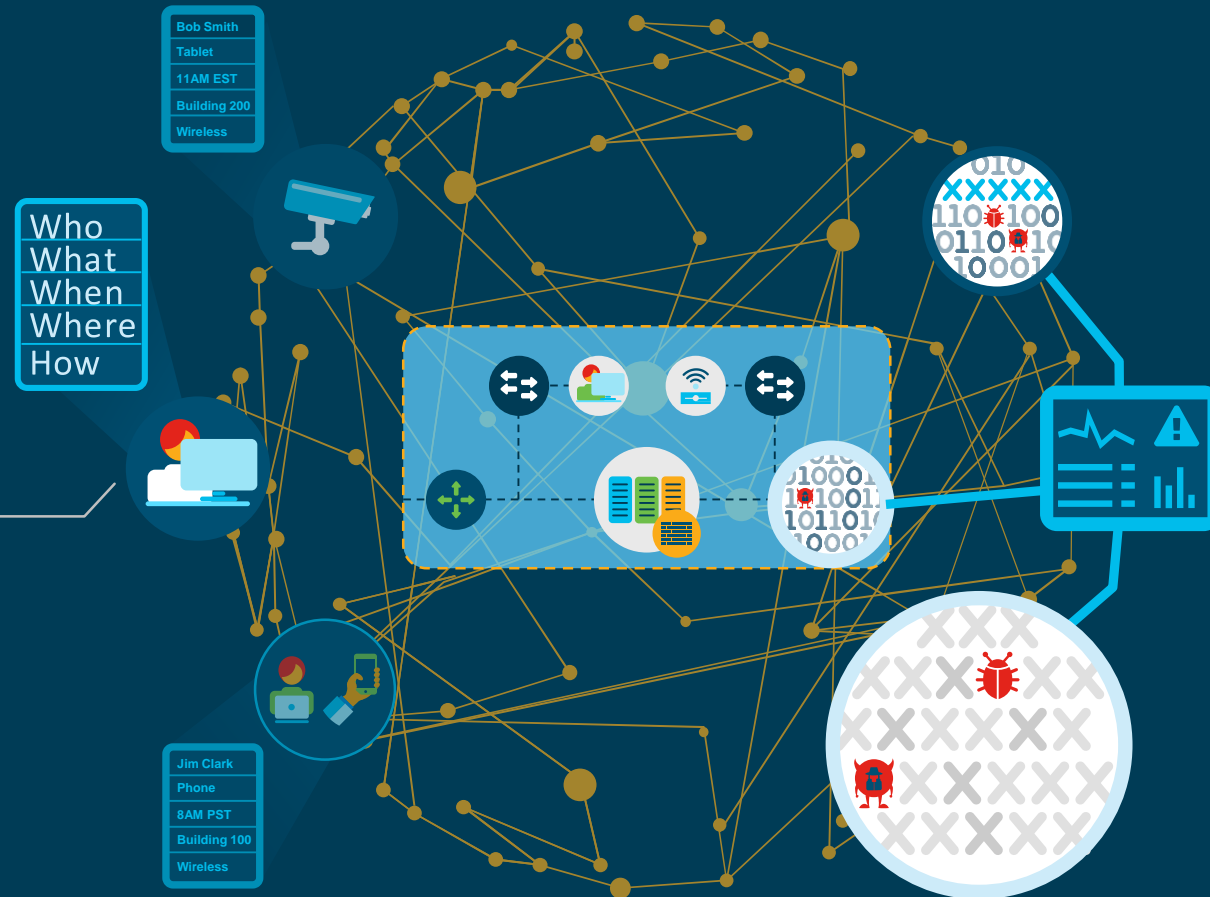


Threat Protection
“Stop the Breach”

Get the Full Picture with 360° Network Visibility

See user and device details for actionable intelligence

Use **Identity Services Engine** to gather context that is shared across security and networking products



Scale visibility across all network traffic, encrypted or decrypted

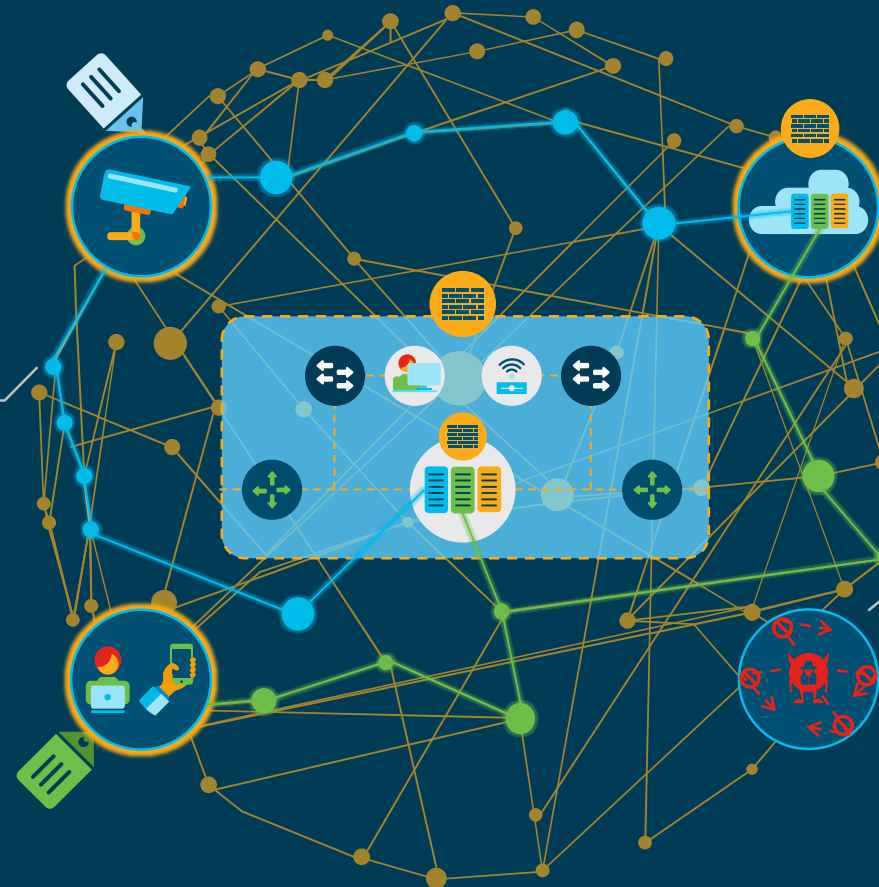
Use **Stealthwatch** security analytics to detect threats using the data within your network



Automatically Segment your Network with Software-Defined Access

Simplify
management
at scale

Use the **DNA Center** to adapt your network automatically through a single pane of management



Reduce the attack
surface and contain the
impact of breaches

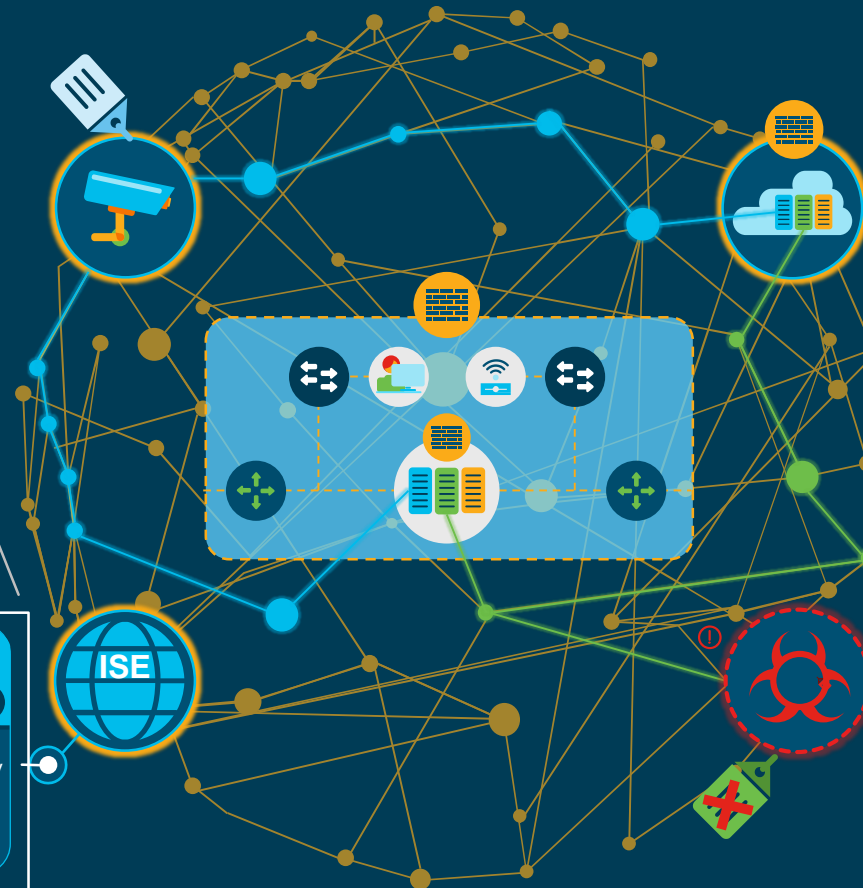
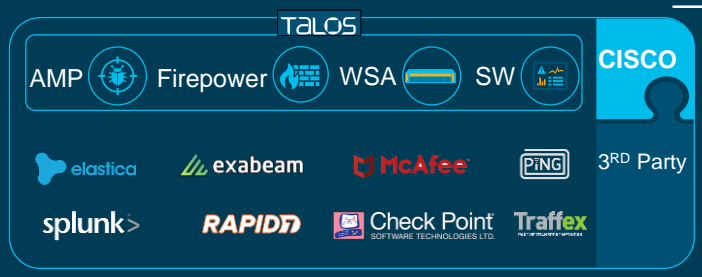
Use the **Identity Services Engine** to limit breaches with scalable micro-segmentation based on security classifications, not IPs



Intelligently Detect and Respond Faster with Rapid Threat Containment

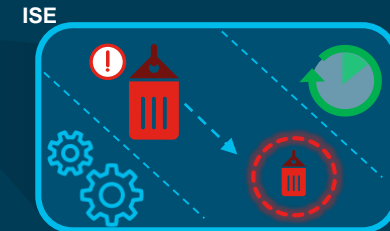
Seamlessly integrate advanced threat solutions into your network

Cisco security solutions and 3rd-party security products seamlessly integrate with **ISE** to immediately respond at the time of a security event.



Automatically respond to detected threats

The **Cisco Network** offers the only end-to-end security-to-network solution, purpose built to automatically contain threats using software-defined segmentation.



Cisco Network Visibility & Segmentation Play



Visibility
“See Everything”

Stealthwatch & ISE



Segmentation
“Reduce the Attack Surface”

SD-Access



Threat protection
“Stop the Breach”

Rapid Threat Containment

