Cisco Intend-based Networking

Business Mehrwert an Hand weiterer Kundenbeispiele

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Cisco DNA is intent-based networking for the campus, branch, and SD-WAN

Lets you focus on business innovation rather than the network

Automate for simplicity

67%

provisioning time savings

Define policy and segment network

80%

reduction in IT operational expenses

Defend against security threats

47%

reduced breach impact

Assure performance

90%

reduction in time for issue detection and resolution

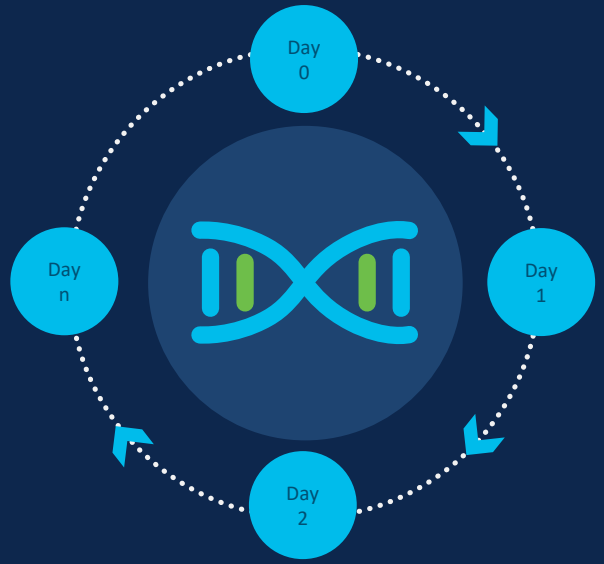
Optimize application experience

45%

reduced application latency

Cisco DNA automates device management lifecycle

Lowers costs and increases IT productivity

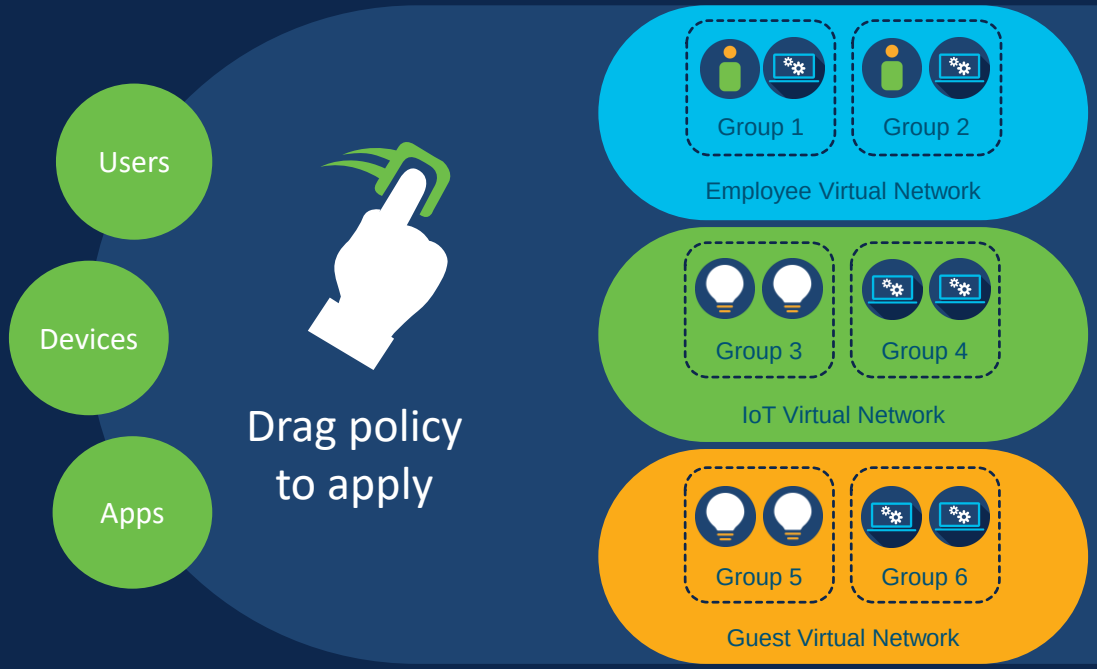


Reduce IT OpEx by up to

80%[1]

Provides drag-and-drop segmentation simplicity

Cisco DNA: SD-Access



IT Simplicity

- No VLAN, ACLs or IP Address management required
- Single network fabric
- Define one consistent policy

Security

- Simplified Micro-Segmentation
- Policy enforcement

Completely Automated | Consistent Policy | Minimize Lateral Threat Movement

Cisco DNA seamlessly onboards users, devices and things

Recognizes and classifies users, configures devices, and segments network

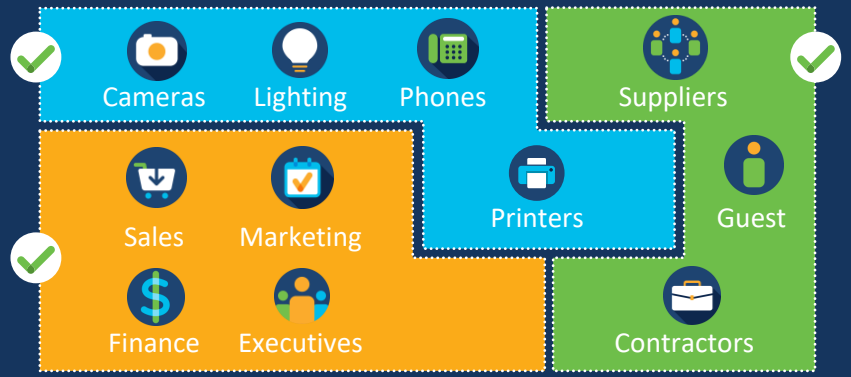
POLICY

Before: Box by box

Manual | Error prone

After: User/IoT Access

Scalable | Simple

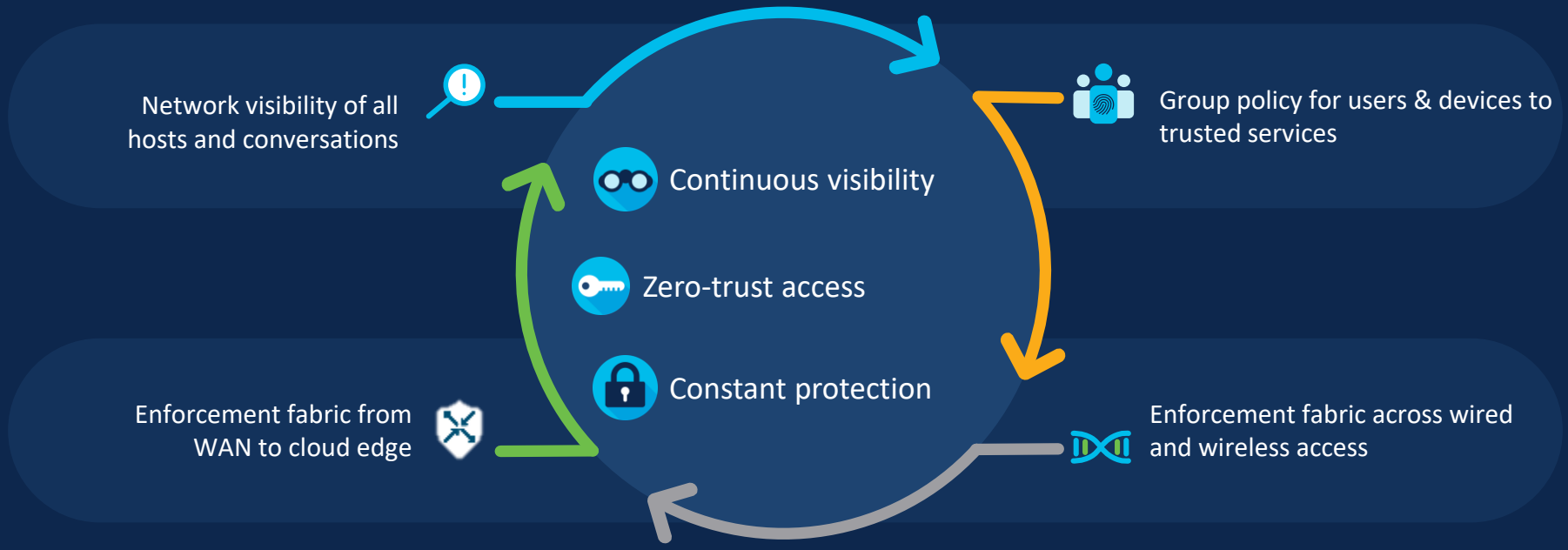


Design	2 hours	>	15 minutes
Policy	4 hours	>	5 minutes
Provision	5 hours	>	5 minutes

Mass scalability | Users, device & IoT segmentation | Policy-based automation

Cisco DNA protects against security threats

Based on visibility, zero-trust, and constant protection



38%

38% ROI from moving to Cisco's integrated security architecture vs. going to disparate security vendors

25%

25% OpEx cost savings and 20% CapEx cost savings

Cisco DNA improves network performance

Cisco DNA Assurance identifies issues proactively and suggests remediations

Network telemetry and contextual data | Complex event processing | Correlated insights | Suggested remediation

Traceroute
Syslog
Netflow
AAA
Router
DHCP
Telnet
Wireless
CLI
OID
IPSLA
DNS
Ping
SNMP
IPAM
MI
AppD
CMX

Complex correlation
Metadata extraction
Stream Processing
AI/ML techniques

Clients
Baseline
Application
Network

Visibility:
Personalized baselining

Insight:
Intelligent analysis

Action:
Accelerated remediation

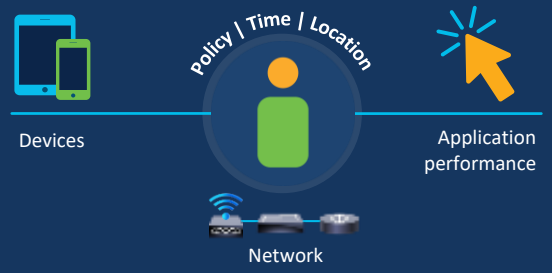
CISCO
Knowledge Base

Over 100+ Actionable insights

Client | Applications | Wireless | Switching | Routing

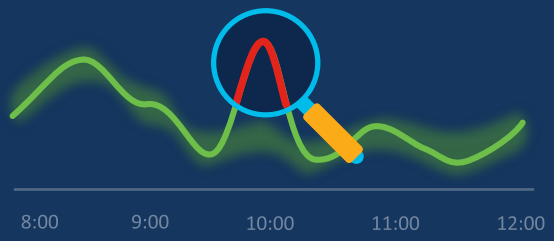
Faster troubleshooting with actionable insights

Right Place
Problem isolation



- 360-degree contextual graph
- Everything as a sensor
- Event-driven telemetry

Right Time
Problem replication



- 14 days history: full context
- Predictive trends
- Proactive tests

Right Action
Problem resolution

- Step-by-step guided remediation
- Integrate with IT operations

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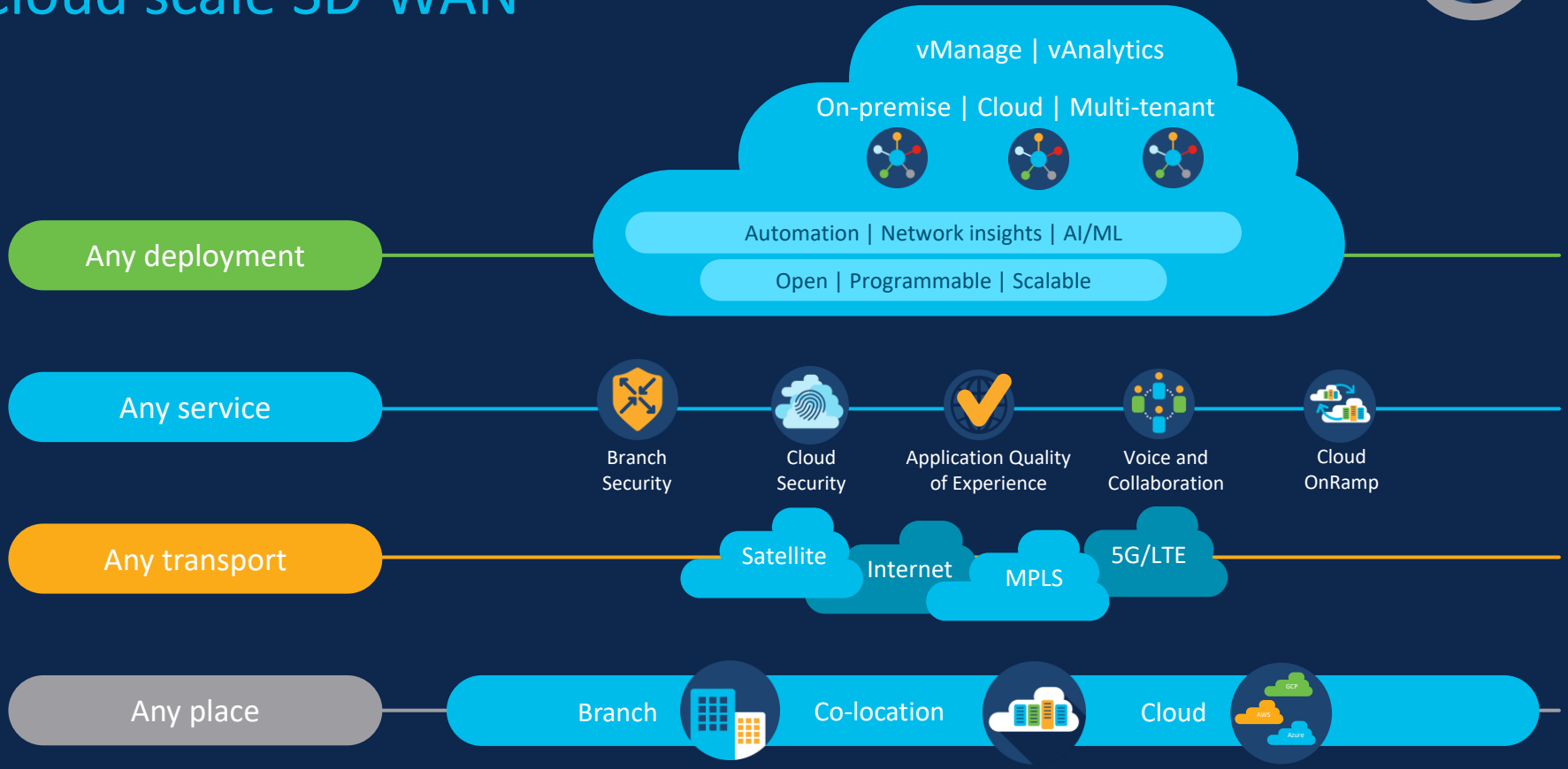
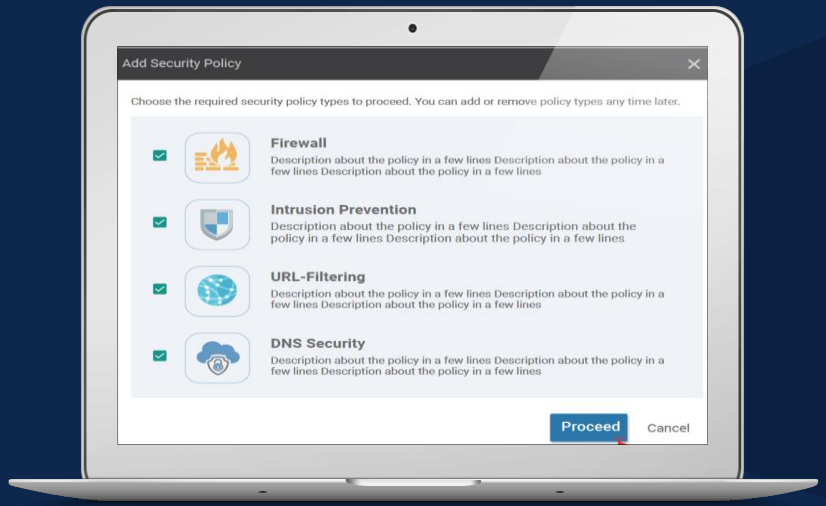
Cisco DNA powers a secure, cloud scale SD-WAN



Cisco SD-WAN offers best-of-breed security



Cisco SD-WAN

Cisco Security

Enterprise Firewall
Classification of +1400 layer 7 apps

Intrusion Protection System
Most widely deployed IPS engine in the world

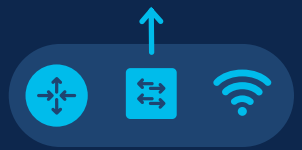
URL-Filtering
Web reputation score using 82+ web categories

Simplified Cloud Security
Easy deployment of Cisco Umbrella

Hours instead of weeks and months

Flexible subscriptions for Cisco DNA simplify consumption

Cisco DNA Center



Cisco DNA Premier

- Advanced security with Umbrella and Cisco Threat Grid
- Encrypted traffic analytics with Stealthwatch
- Cisco DNA Spaces

Cisco DNA Advantage

- AI Network Analytics
- Multidomain integration
- SD-Access
- SD-WAN analytics

Cisco DNA Essentials

- Base automation
- Network management system
- Base SD-WAN

Cisco DNA enterprise agreements: buy more, save more

Cisco DNA Enterprise Agreement

Min. $100K Net TCV
3 or 5 Year Term
Enterprise-Wide Coverage

Buy More Save More
5-10% savings

Deployment Ramp
1st year 50% reduced cost

Free Cisco DNA Center + Software Starter
up to $7,500

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dankä villmal
grazie mille
merci beaucoup
grazia fitg
thank you

https://www.cisco.com/go/dna