.lightstream

- **Over 20-year history**

- **Cybersecurity, cloud & connectivity focused**

- **World-class architecture & engineering**

- **10,000+ world-wide deployments**

- **Broad partnerships with top providers**

- **Big enough to be a global force, small enough to be agile and accessible**

- **Experience across multiple industries:**

CLIENTS SERVED

1,000+

CLIENTELE PRESENCE

73
COUNTRIES

GLOBAL SOC & NOC

03
US & EUROPE
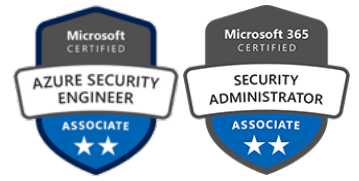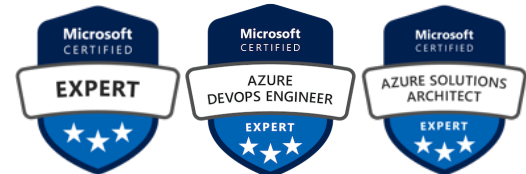
FINANCIAL SERVICES   HEALTHCARE   MANUFACTURING   RETAIL   FOOD SVC. & HOSPITALITY

Secure Network Transformation

"Secure network transformation occurs when proactively implementing cybersecurity principles, technologies, and integrating with the business leaders. This will significantly improve cyber maturity and facilitate stronger business alignment.

Ron Darnall
Lightstream – VP, Services

Security

Agility

Resilience

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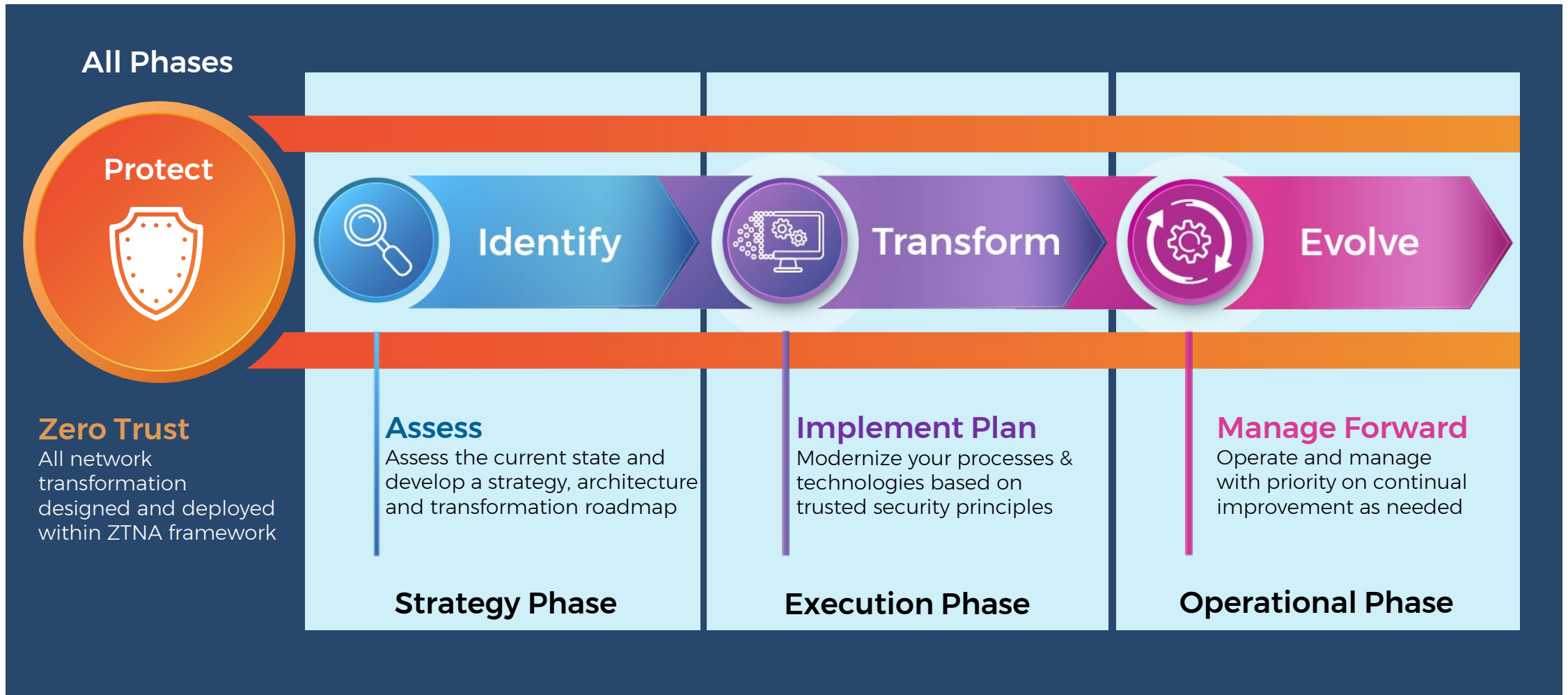
Identify

1. IDENTIFY

Identify the current state of the business, network & security, desired future state and develop a secure network transformation strategy and plan that aligns with your desired business outcomes

Identify | Transform | Evolve

Assess & Analyze

- Critical Business Process Flows
- Desired Future State
- Regulatory Requirements
- Desired Business Outcomes
- Network & Security Technologies
- Resilience Requirements
- Application, Network, & Security Topology

Develop

- Resilient network & security architecture
- Configuration & automation plan
- Implementation plan & schedule
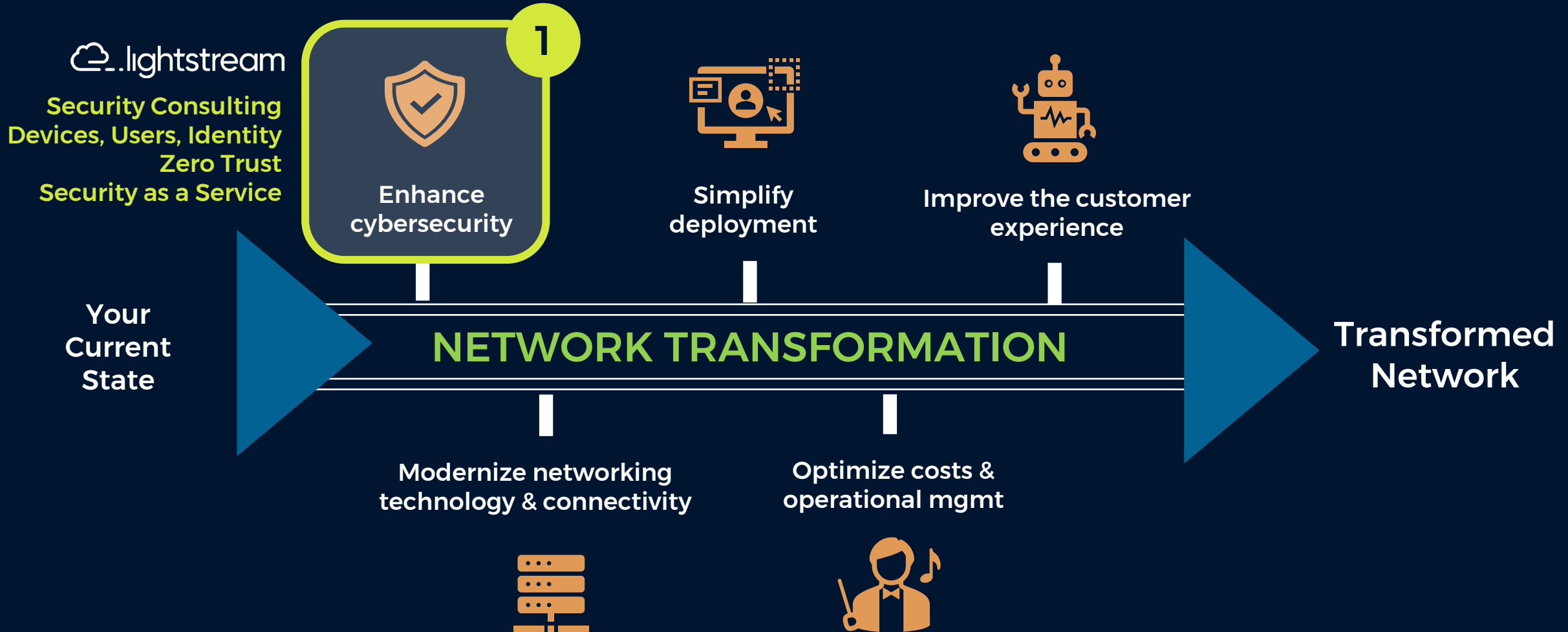
PROTECT
We Prioritize Security

"Security-first" approach that continuously embeds zero-trust cybersecurity principles into every aspect of your network design and technology stack to ensure cyber resilience

A security-first approach to architecture & design

Prioritize cybersecurity in every aspect of your network

Embed zero-trust cybersecurity principles

Design and manage an end-to-end secure solution

Zero Trust Framework

Four critical components of a Zero Trust strategy include:

Assume the network is hostile
There is no longer a perimeter. The new environment is a hybrid of cloud, fixed network, and remote access.
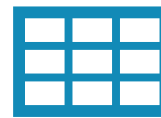
Understand Your Data and How it Moves
Appropriately classify your data, determine a relative risk associated with the types of data, know how that data is handled and where it is stored/sent (i.e. at rest / in transit)

Never Trust, Always Verify
Trust no one. Accept the idea that internal and external threats are always on the network. Always verify using as many data sources as possible.

Implement Least Privilege
Grant the least privileges for someone to perform their duties.

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Zero Trust Readiness Assessment

Assesses the organization on a strategic, managerial and operational level to:

- Determine cybersecurity maturity
- Determine zero-trust preparedness
- Establish a zero-trust architecture
- Practice the Protect Surface measure mapping
- Deliver roadmap with milestones / timelines
- Deliver a customized report and dashboard
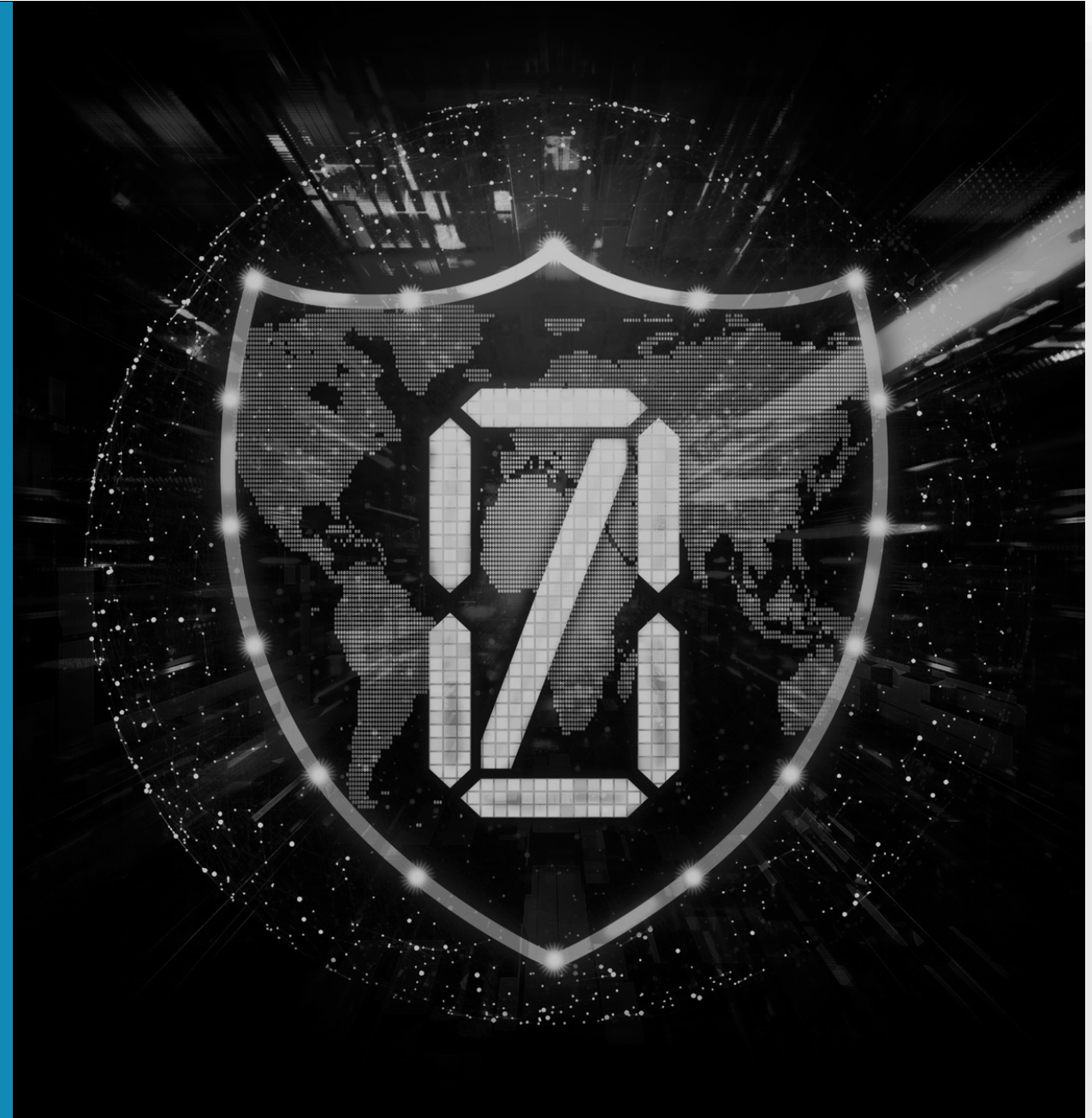
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Secure Network Transformation: End to End

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Elements   Endpoints ⟷ SD-WAN ⟷ Connectivity ⟷ Cloud & Data

F:RTINET.

- Security-First Design
- Platform Strategy & Architecture
- Procurement, Implementation & Optimization
- Managed Services & Support
- FinOps & Analytics

Any Location

Any User

Any Device

Network Independence

FortiGate VM (FWaaS)

FortiGate SD-WAN

FortiGate (NGFW)

FortiClient (VPN)

Cloud (PaaS / IaaS)

Internet / Web / SaaS

Data Center Hybrid Cloud

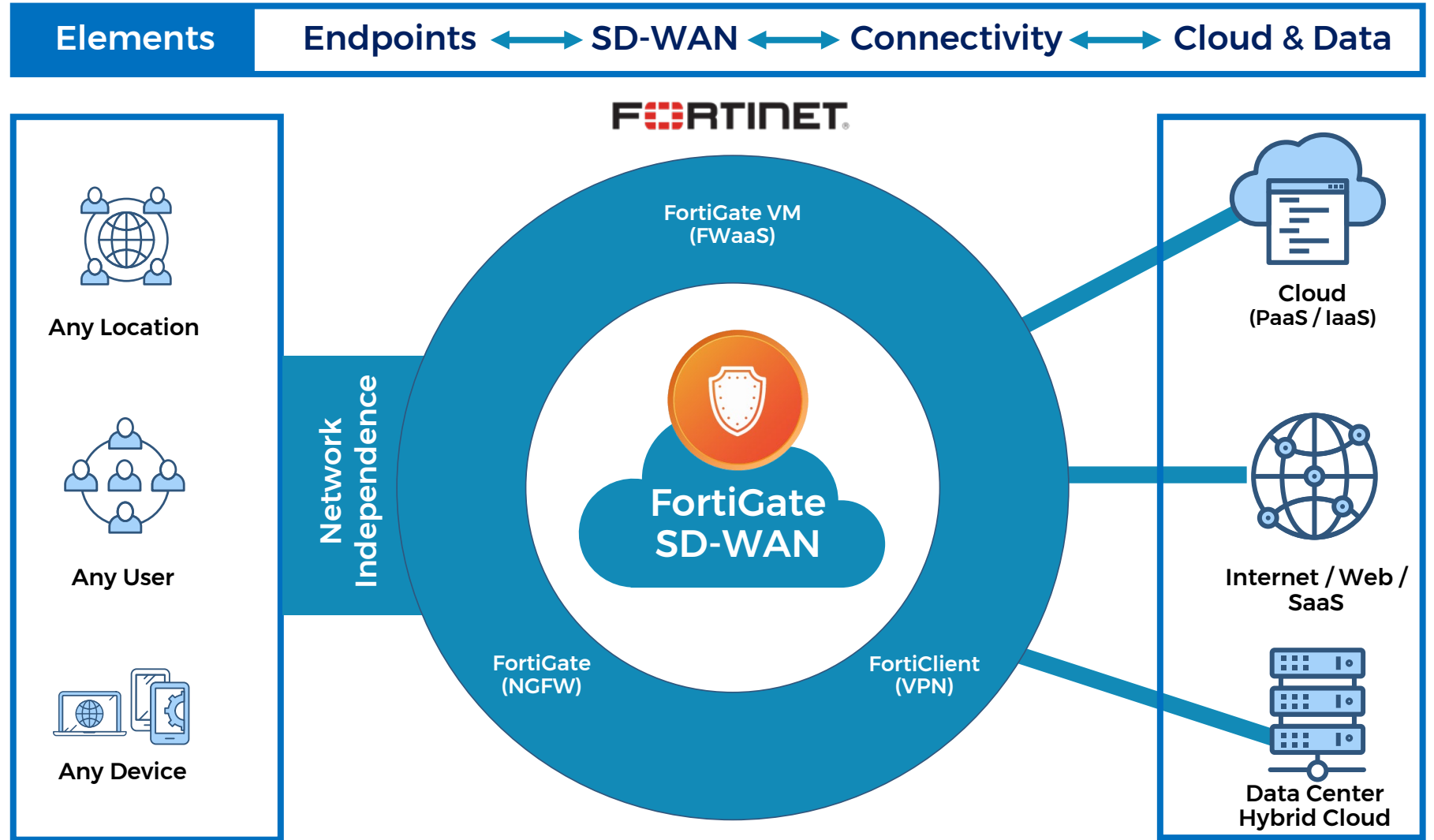# Secure Network Transformation: End to End

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FORTINET

Security-First Design

Platform Strategy & Architecture

Procurement, Implementation & Optimization

Managed Services & Support

FinOps & Analytics

Secure	Endpoints ↔ SD-WAN ↔ Connectivity ↔ Cloud & Data

Any Location

Any User

Any Device

ENDPOINT PROTECTION

Network Independence

CLOUD & EDGE PROTECTION

FortiSASE

FortiGate VM (FWaaS)

ZTNA

FortiCASB

FortiGate (NGFW)

FortiCNP (CNAAP)

FortiClient (VPN)

FortiGate SD-WAN

FortiWeb (SWG)

FortiEDR

DLP

FortiAuthenticator (MFA)

FortiSASE

FortiSASE

FortiSASE

Cloud (PaaS / IaaS)

Internet / Web / SaaS

Data Center Hybrid Cloud
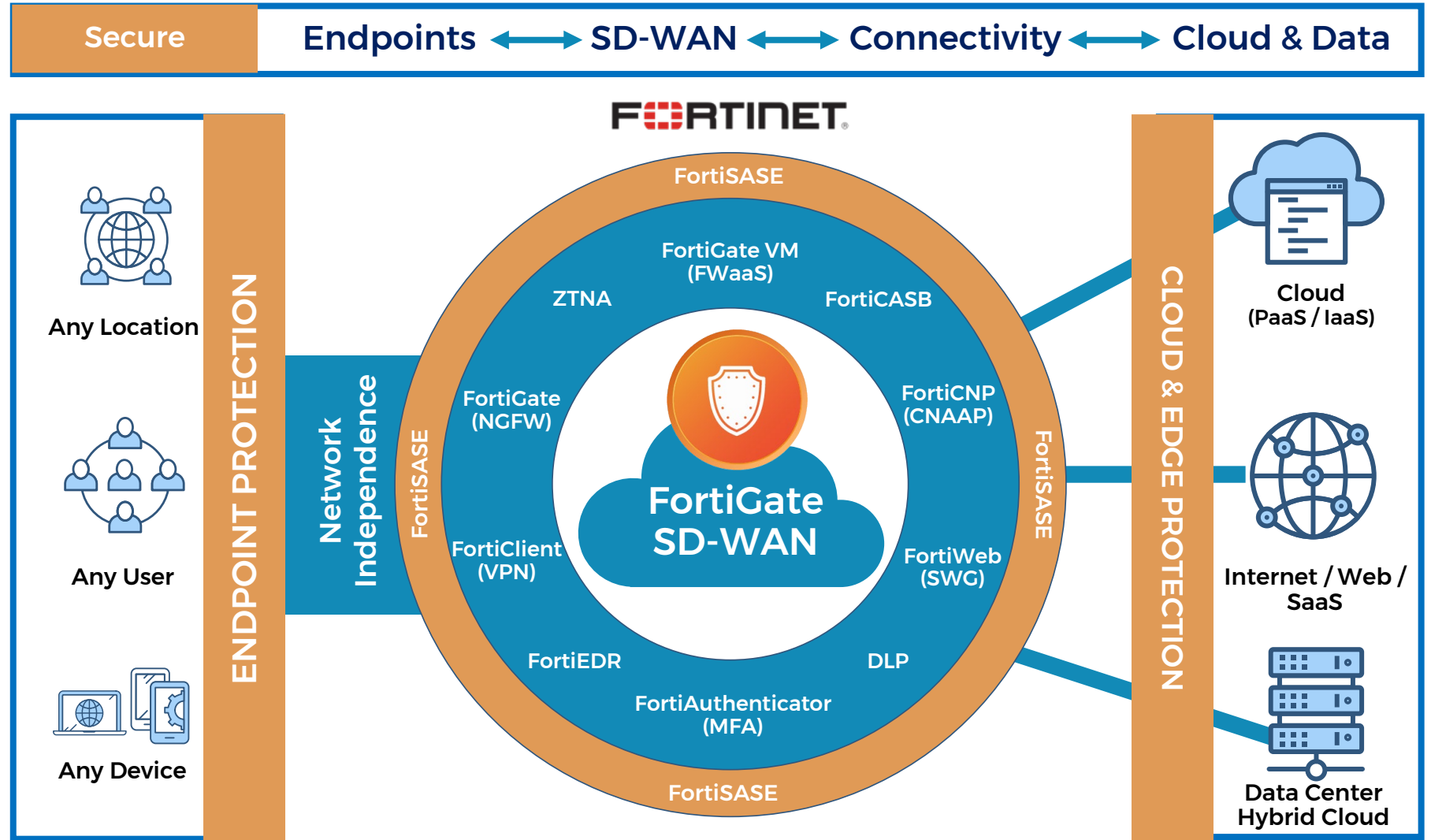
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A full suite of **managed services**

Endpoint Protection

Manages the protection of your endpoint devices (Servers, PCs, and mobile devices) using EDR tools

Managed Firewalls

Management of your on-prem or FWaaS Next Generation Firewalls

Cloud Security

Management of your cloud-native protection platform

Network

Manages and supports your SD-WAN, router, switch & WAP devices

SECURITY OPERATIONS CENTER (SOC)

- Product monitoring, alerting & event management
- Product management (configuration, changes, updates, …)
- Protect Surface management
- Security incident management & investigative capabilities
- Security improvement management
- Compliance management
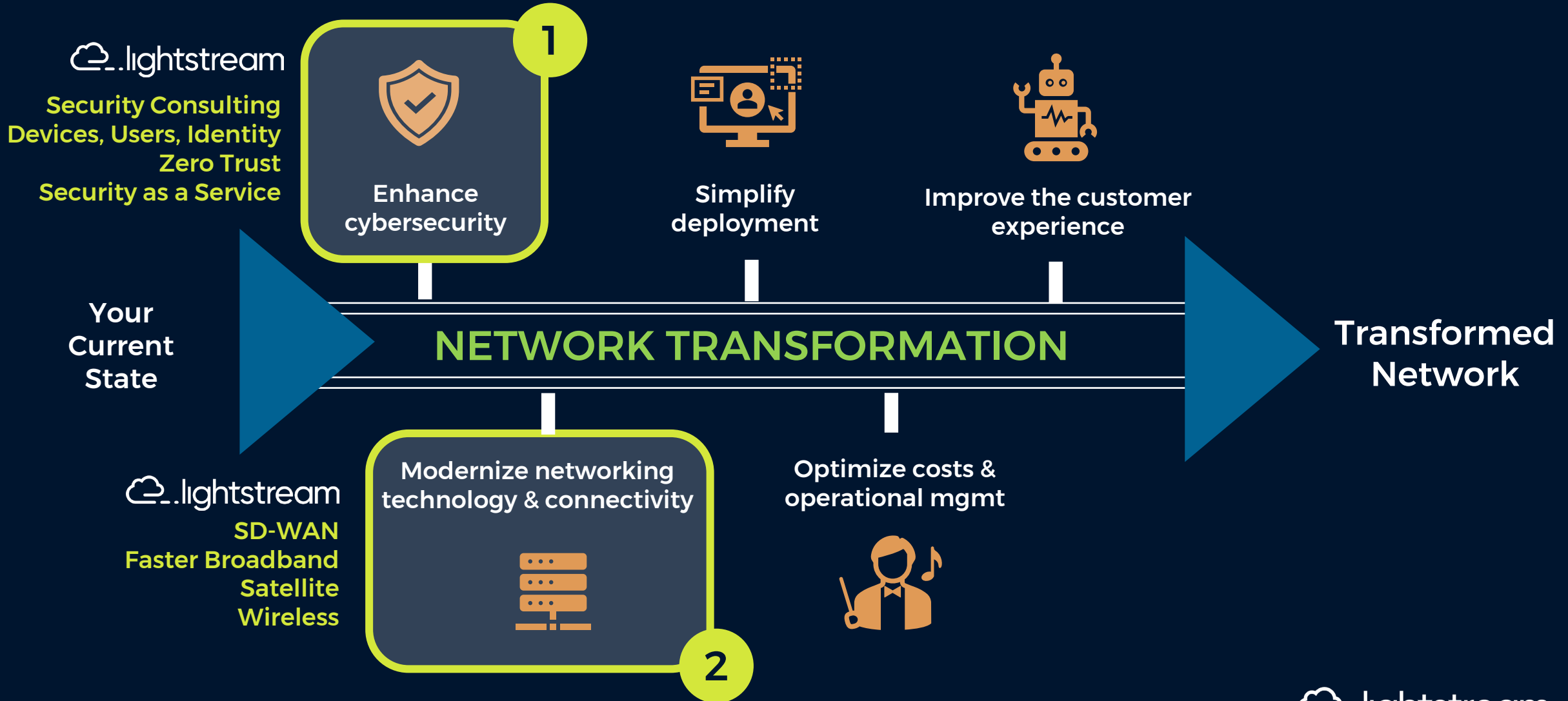- Customized SOPs per client

NOC & SOC 24x7x365

NETWORK OPERATIONS CENTER (NOC)

- Device management
- Monitoring & alerting
- Event management
- Carrier management
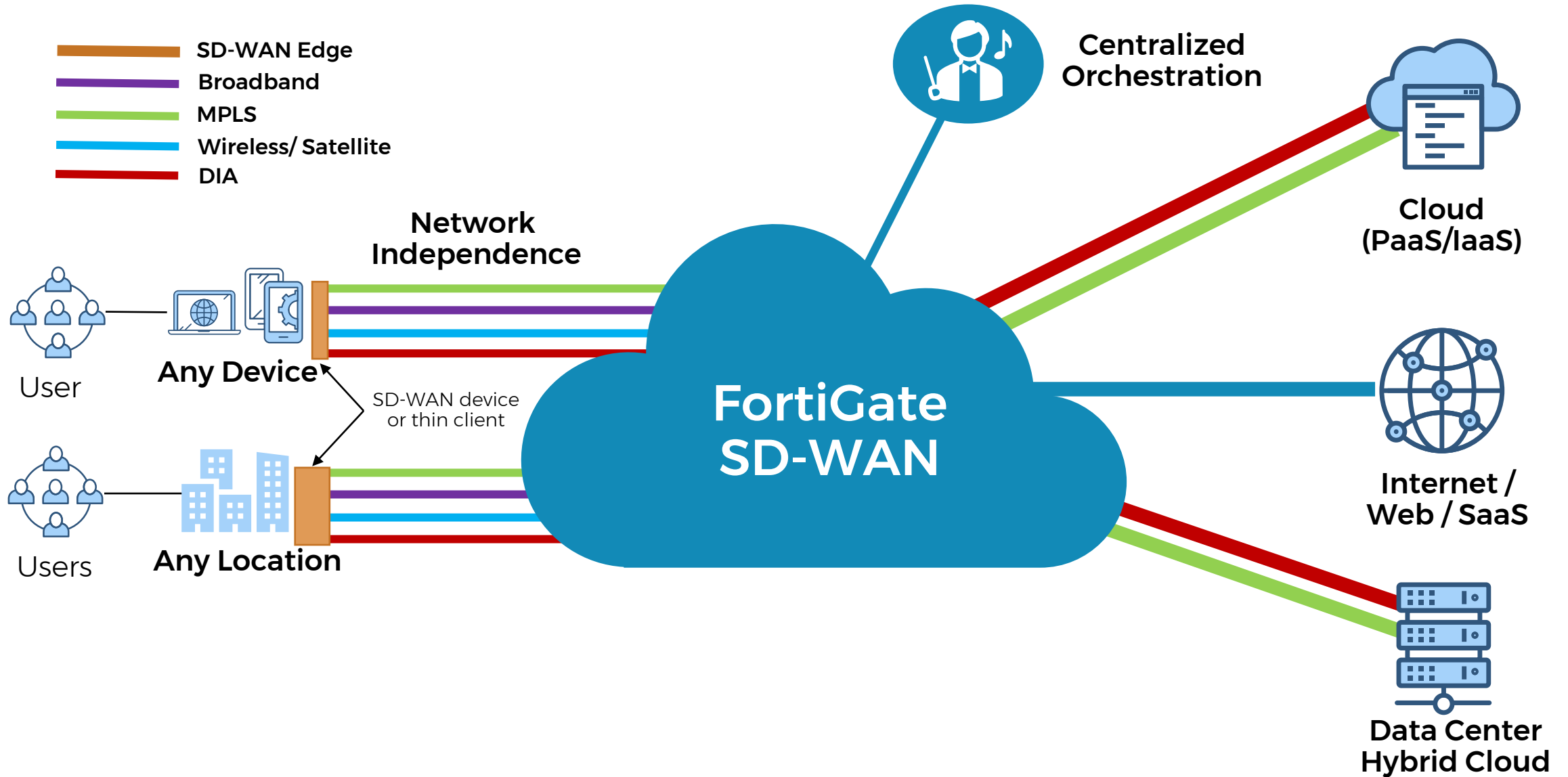- Customized SOPs
- Consolidated Billing

Secure Network Transformation Process
improves business & cyber resilience

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**Security Consulting
Devices, Users, Identity
Zero Trust
Security as a Service**

1

**Enhance
cybersecurity**

**Simplify
deployment**

**Improve the customer
experience**

**Your
Current
State**

NETWORK TRANSFORMATION

**Transformed
Network**

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**SD-WAN
Faster Broadband
Satellite
Wireless**

**Modernize networking
technology & connectivity**

**Optimize costs &
operational mgmt**

2

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Secure SD-WAN & SASE Architecture

Legend:
- SD-WAN Edge
- Broadband
- MPLS
- Wireless/ Satellite
- DIA

Network Independence

User

Users

Any Device

Any Location

SD-WAN device or thin client

SD-WAN provides many opportunities to transform your network, and introduces some important **considerations**

Centralized Orchestration

FortiSASE

FortiGate VM (FWaaS)

ZTNA

FortiCASB

FortiGate (NGFW)

FortiCNP (CNAAP)

FortiSASE

FortiGate SD-WAN

FortiClient (VPN)

FortiWeb (SWG)

FortiSASE

FortiEDR

DLP

FortiAuthenticator (MFA)

FortiSASE

Cloud (PaaS/IaaS)

Internet / Web / SaaS

Data Center Hybrid Cloud

Lightstream's Global Connectivity Solution

- Global Carrier Services

  Metro ethernet (Fiber)

  Optical wavelength services

  MPLS
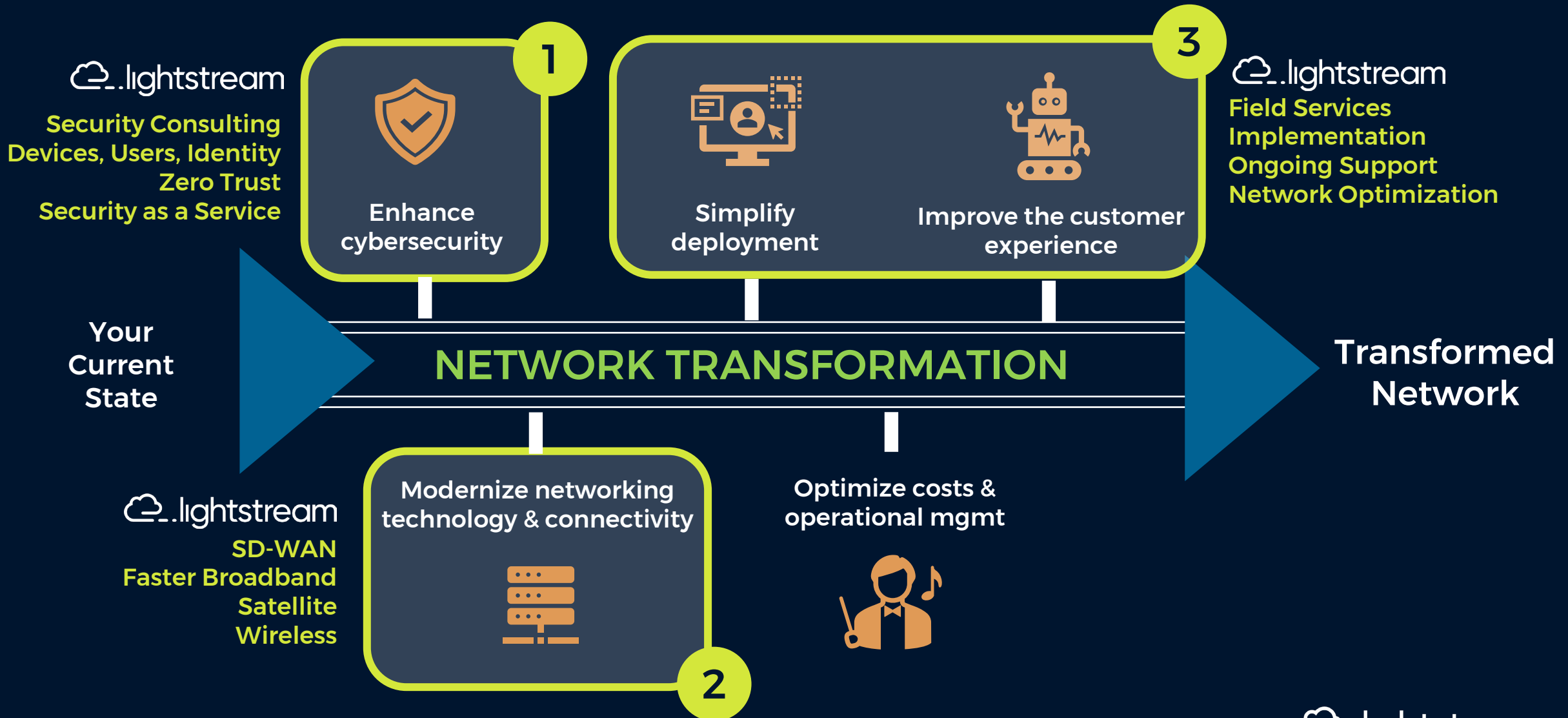
  DIA (Fiber)

  Broadband (Cable)

- Voice Services

  UCaaS / CCaaS (Ring Central, Zoom, Teams, etc.)

  SIP (local and long distance)

  POTS migration

- Wireless

  4G/5G Multi-vendor solutions

  Satellite

SINGLE POINT OF CONTACT

CUSTOM SOLUTIONS

REDUCED CARRIER COMPLEXITY
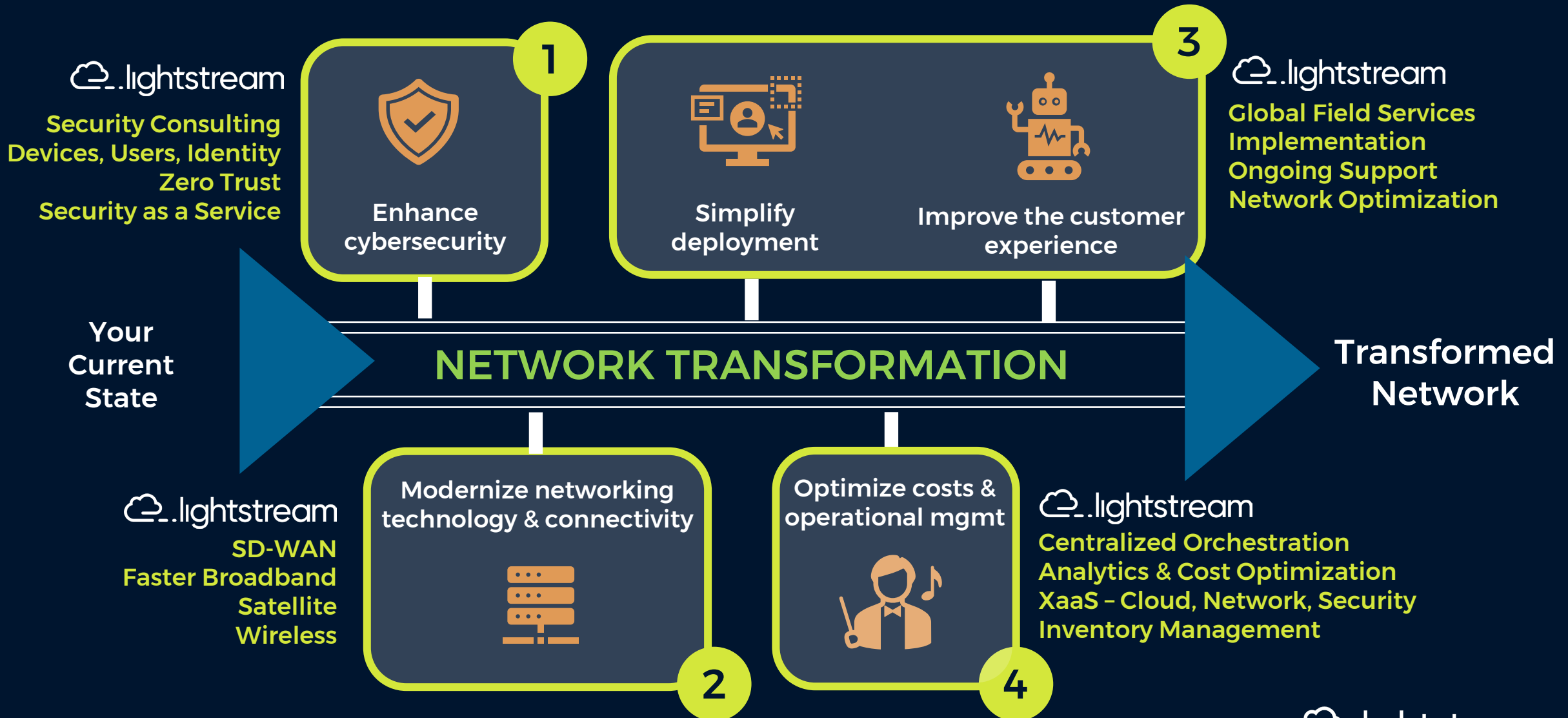
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ZERO
TOUCH
Deployments

Our consultants can help streamline and simplify your deployment process

- **Professional Services**
  leverage our team of experts to help you make the most of SD-WAN/SASE's centralized management, automation, configuration and cloud integrations

- **Configurations Assistance** to get your network devices, SD-WAN/SASE devices and software profiles set up properly

- **Field Services & Support**
  to help with your onsite deployment needs with cabling, rack & power, setup and installation, etc.

- **Simplified Deployments** to help users to onboard without complication or stress with Zero Touch provisioning for new users

Secure Network Transformation Process
## improves business & cyber resilience

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Security Consulting
Devices, Users, Identity
Zero Trust
Security as a Service

1 Enhance cybersecurity

Simplify deployment

Improve the customer experience

3

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Global Field Services
Implementation
Ongoing Support
Network Optimization

Your Current State

NETWORK TRANSFORMATION

Transformed Network

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SD-WAN
Faster Broadband
Satellite
Wireless

Modernize networking technology & connectivity

2

Optimize costs & operational mgmt

4

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Centralized Orchestration
Analytics & Cost Optimization
XaaS – Cloud, Network, Security
Inventory Management

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Optimize
Cost & Operational Management

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- **Cost Optimization with Lightstream Connect**
  Analyze cost and utilization for both cloud and connectivity in one tool

  - Inventory/Order management

  - Cloud/Network Cost Optimization

- **Optimize Operational Management**
  Leverage our suite of managed and professional services to

  - Optimize your secure transformed network's technologies

  - Augment your staff's capabilities and ensure 24x7x365 management & support

  - Identify and resolve issues faster

More Details
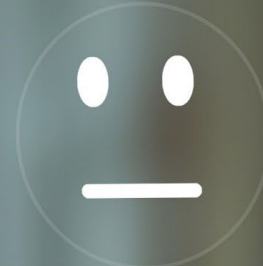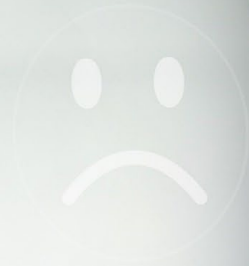
Why work with us?

- Deep experience & solutions you can trust
- World-class talent
- Customer-engaged executive team
- Accessible and friendly culture
- Exceptional support
- High customer satisfaction
- An unparalleled Fortinet partner

Powered by Security | Driven by Results