

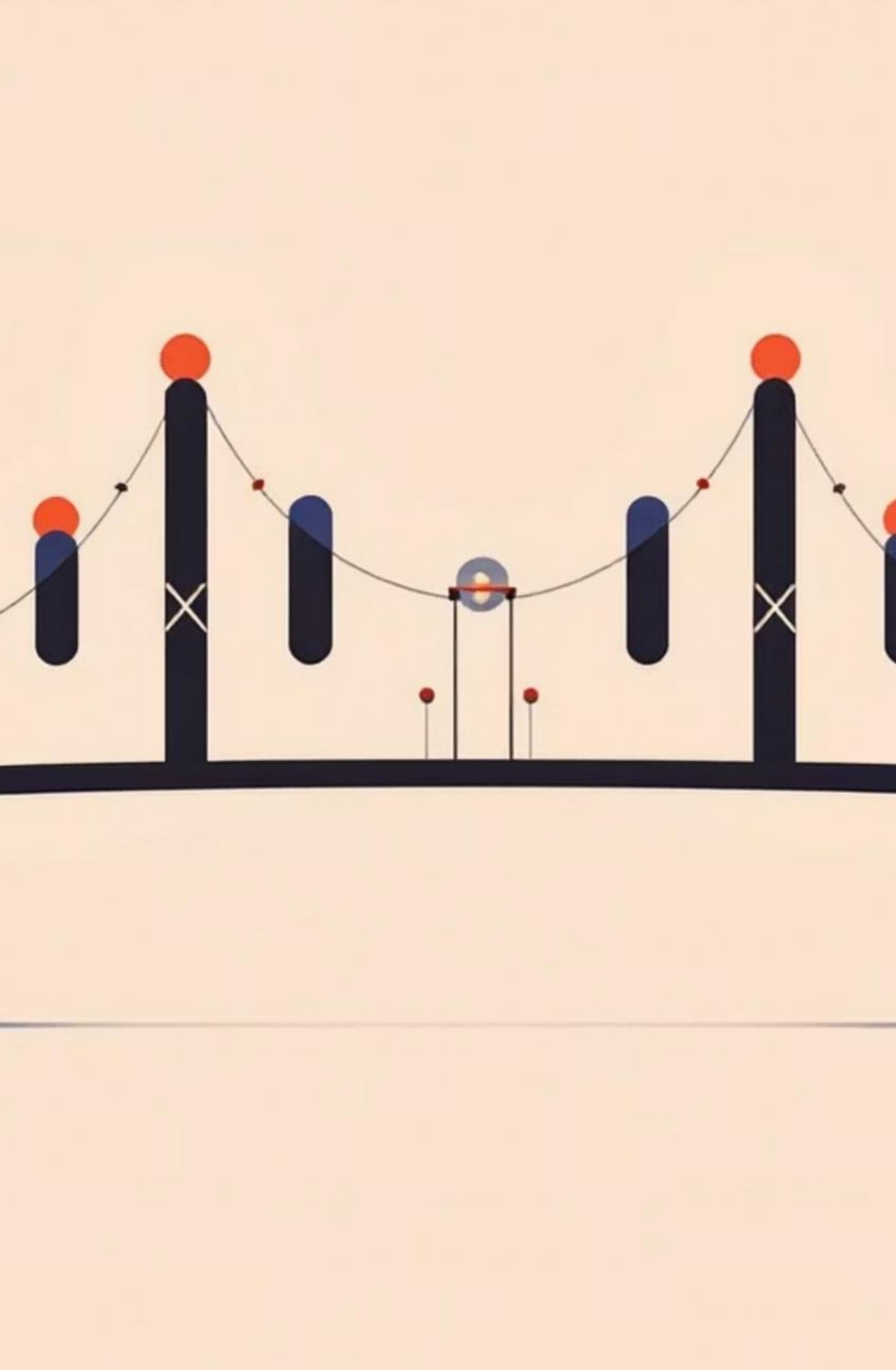


الغرفه التجاريه الصناعيه اليمنيه  
قطاع تقنيه المعلومات

# Cisco Solutions & Technologies

Pioneering Secure & Intelligent Digital Transformation

[Eng:Majdalddan]



## Introduction to Cisco

Cisco, a multinational technology conglomerate based in California, has been a global leader in networking and communications since its founding in 1984. The company focuses on enabling digital transformation through secure and intelligent networks, shaping the future of IT infrastructure.

## Core Areas

# Cisco's Key Domains



## Networking Solutions

Building reliable and agile network foundations.



## Cybersecurity

Protecting against evolving digital threats.



## Unified Collaboration

Seamless communication and teamwork.



## Cloud & Data Centers

Optimizing hybrid cloud environments.



## Internet of Things (IoT)

Connecting and securing the physical world.



## AI & Network Analytics

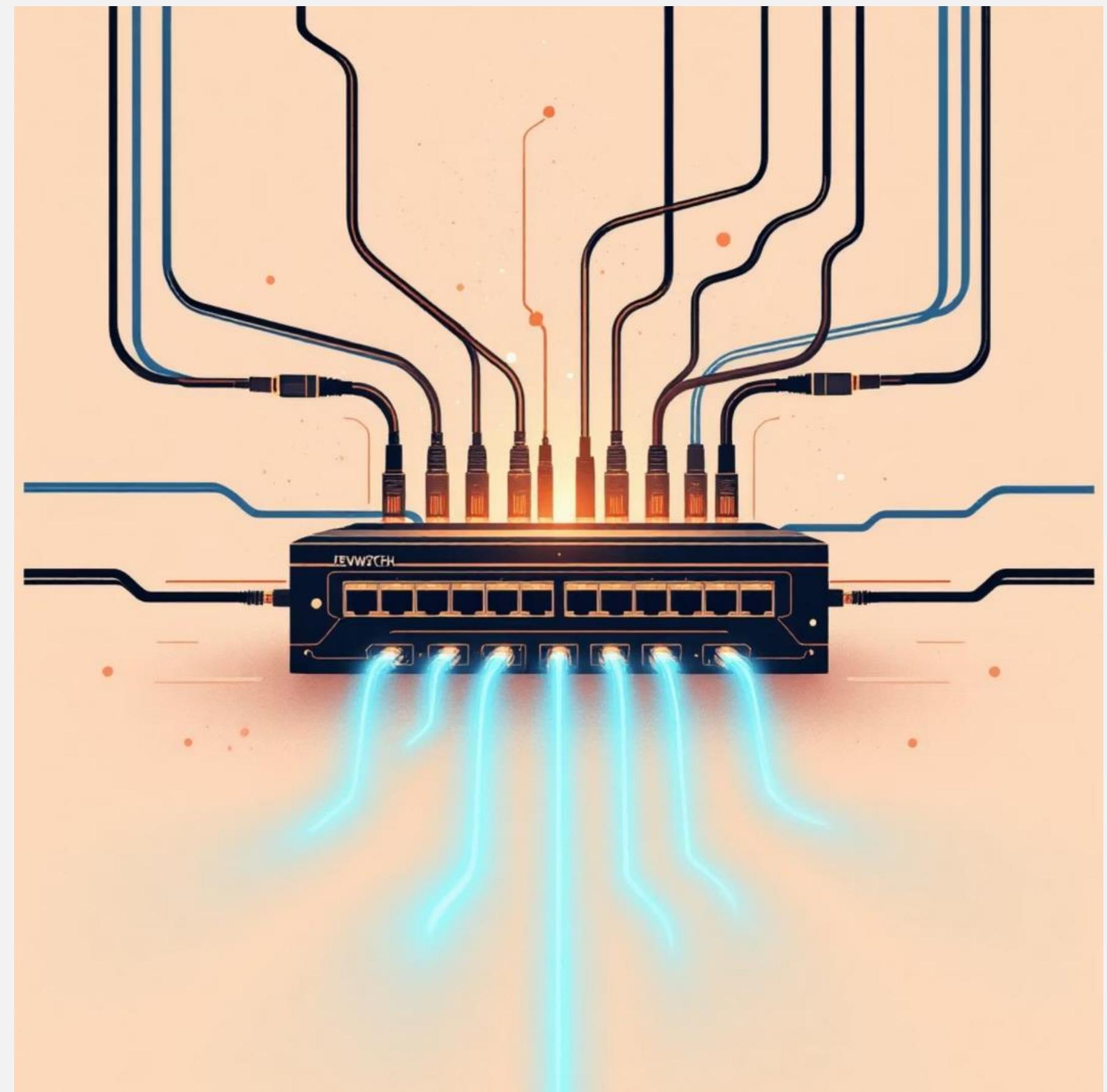
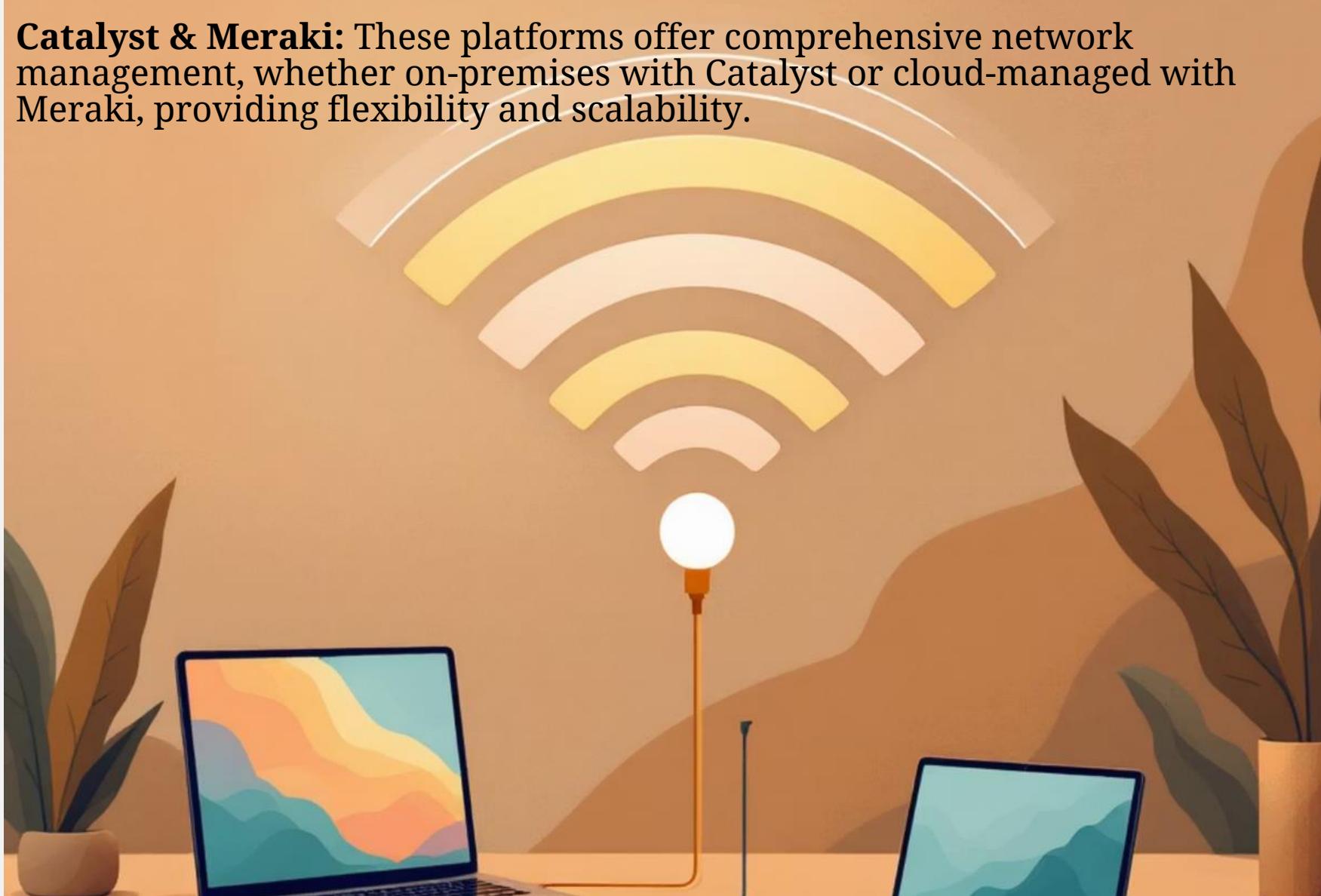
Leveraging intelligence for efficiency.

# Foundational Networking Solutions

**Switching & Routing:** Cisco designs robust, high-speed networks that ensure reliable data flow for **critical business** operations. Their catalyst switches provide enterprise-grade performance and security.

**SD-WAN:** Software-Defined Wide Area Network solutions provide intelligent and flexible management of distributed networks, optimizing application performance and reducing operational costs.

**Wi-Fi 6/6E:** Cisco's advanced wireless solutions deliver superior performance, capacity, and security for next-generation Wi-Fi environments, supporting an increasing number of connected devices.





# Leading the Way in Cybersecurity



Cisco's comprehensive security portfolio provides integrated threat protection across the entire attack continuum, from network to cloud to endpoints.



## Cisco SecureX

A unified platform that simplifies security operations and accelerates threat detection and response.



## Cisco Umbrella

Cloud-delivered security that provides the first line of defense against threats on the internet.



## Cisco Duo

Multi-factor authentication (MFA) that verifies user identities and device health before granting access.



## Next-Gen Firewalls (NGFW)

Intelligent firewalls with advanced threat protection, application visibility, and intrusion prevention.

# Seamless Collaboration with Webex

Cisco Webex offers a comprehensive suite of tools designed to enhance communication and collaboration within organizations and with external partners.

- **Webex Platform:** A leading platform for secure online meetings, video conferencing, and team messaging, enabling seamless communication from anywhere.
- **Collaboration Devices:** Smart devices for meeting rooms, including video endpoints and interactive whiteboards, transform any space into a connected collaboration hub.
- **Broad Integration:** Webex integrates effortlessly with popular productivity tools like Microsoft Teams and Google Meet, ensuring a cohesive workflow.



## Optimizing Infrastructure

# Cloud and Data Center Solutions

Cisco provides unified solutions for modern data centers and robust support for hybrid cloud environments, enabling agility and operational efficiency.

### Cisco UCS

Unified Computing System provides a unified architecture for computing, networking, and storage access, simplifying IT operations.

### Cisco ACI

Application Centric Infrastructure automates and manages data center networks, offering policy-based management and deep visibility.

### Hybrid Environment Support

Seamlessly extends on-premises infrastructure to public clouds like AWS, Azure, and Google Cloud, ensuring consistent policy and security.

# Connecting the Physical World: IoT Solutions



Cisco's IoT solutions enable secure and efficient connectivity for industrial and medical devices, transforming operational technology (OT) environments.

- **Secure Edge Management:** Securely manage devices at the edge of the network, ensuring data integrity and operational continuity.
- **Real-time Monitoring:** Monitor and analyze sensor data in real-time, providing actionable insights for predictive maintenance and optimized workflows.
- This drives efficiency, safety, and new service opportunities across various industries.

# Innovation through AI & Analytics

Cisco integrates artificial intelligence and machine learning into its network and security products to deliver unparalleled efficiency and proactive threat detection.

## AI Network Analytics

Leverages AI to analyze network performance, identify anomalies, and optimize traffic patterns for superior user experience.

## ML-Powered Security

Machine learning algorithms enhance security by detecting sophisticated threats, automating responses, and improving overall security posture.

## Predictive Maintenance

Utilizes AI to predict network failures or performance degradation before they occur, enabling proactive intervention and minimizing downtime.



## Real-World Impact: Case Studies

- **Remote Education:** Enabling secure, high-quality virtual learning environments for millions of students globally.
- **Smart Healthcare:** Powering telehealth, secure patient data systems, and connected medical devices for improved care delivery.
- **Financial Institutions:** Protecting sensitive data and ensuring transaction integrity for leading banks and financial services.
- **Smart Cities & Infrastructure:** Building intelligent transportation, public safety, and utility networks for sustainable urban development.

**Cisco: Leading the future of secure, intelligent networks and enabling comprehensive digital transformation through continuous innovation.**