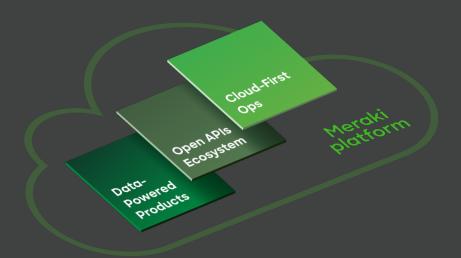


## The only constant is change.

2020 disrupted manufacturing with massive shocks to supply chains, revenues, and jobs. Modernizing operations for Industry 4.0 is key to staying ahead, but compressed transformation timelines are both disruptive and daunting. How manufacturers adapt—and how quickly—will set them apart from their competitors.

The ability to evolve with speed, and at scale with security, is the foundation for winning in tomorrow's marketplace.

# Cisco Meraki can enable your cloud-first operations.



A secure, intuitive, intelligent, and innovative platform.

### Cisco Meraki offers a secure, cloud-based IT platform designed to prepare you for your Industry 4.0 future:



Reduce complexity



Automate and modernize



Secure and safeguard



Adapt quickly

## **Reduce Complexity**

- ✓ No command line interface or physical controllers
- ✓ Central cloud management that's scalable to 1,000s of locations for true end-to-end visibility and control
- Realize operational savings via auto-deployment and installation
- Automatic upgrades and patching





## **Automate and Modernize**

- Automate provisioning and management of multiple organizations, networks, and policies
- Rapidly deploy VPN with cloud-brokered site-to-site tunnels
- Automatically apply policies to services, devices, and users based on identity and intent
- Minimize outages, unsafe or concerning environmental conditions, and operational downtime with sensors
- Proactively identify network problems and drastically reduce troubleshooting time with <u>alerts and analytics</u> using machinelearning algorithms
- Take advantage of modern, high-performance wireless and networking standards

## Secure and Safeguard

- ✓ Ensure physical security and safety of people and assets
- Secure connectivity to onboard cloud applications and protected internet access for optimal performance
- Reduce attack surfaces with cloud-orchestrated microsegmentation between employee groups, guests, and applications
- Automatically receive security signatures from the largest cyber threat team in the industry
- ✓ Improve app performance with <u>secure SD-WAN</u> while adding site resiliency
- ✓ Leverage best-in-class Cisco security technologies





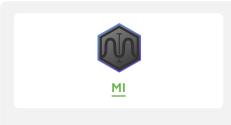
## **Adapt Quickly**

- ✓ Deploy, manage, and troubleshoot at speed
- Automate real-world insights to improve experiences faster
- Support digital twin creation thanks to the intelligent, extensible cloud platform
- Extend and customize network functionality, analytics, and reporting with <u>RESTful APIs</u>
- Rapidly deploy solutions for safe mustering, PPE and safety equipment detection, contact tracing, safe wayfinding, and more

# A flexible foundation for any future.

## **WAN Edge**





**Advanced WAN Analytics** 

- Optimize cost and performance by leveraging any WAN transport technology: MPLS, broadband, fiber, cellular
- Take advantage of instantly-on connectivity with cellular to rapidly extend WAN coverage or add resiliency
- · Best-in-class security technologies (Umbrella, IPS/IDS, AMP) are informed by Cisco's world-renowned security organization, TALOS

- · Ensure optimized SD-WAN connectivity and factory uptime with dynamic failover and policyand performance-based routing
- Save time with at-a-glance quality-of-experience remediation with rich analytics that leverage machine learning (ML) for application, ISP, and voice provider health

#### **SD-WAN** with native security

Always-on security and prioritization of critical traffic

#### Cellular WAN ⊢

Policy and performance route traffic over MPLS, broadband, cellular, etc. for resiliency and agility

#### **Network visibility**

Optimize the end-user experience and reduce time isolating network problems

#### Instant provisioning of wireless WAN

Location/infrastructure-agnostic extension of wireless WAN to remote areas or sites



#### **Cost savings**

Augmented MPLS and ability to use multiple WAN uplinks for cost efficiency and bandwidth

### LAN





- · Wide range of switching options for any size branch network
- · Adaptive policy for advanced segmentation with simple management
- · Ruggedized, IP67-rated Wi-Fi 6 access point portfolio and external antenna options for low-density to high-performance use cases
- · Advanced analytics and machinelearned insights simplify network operations and troubleshooting

- · Dedicated scanning radio for always-on wireless IPS security
- · Network and ecosystem integration for location analytics, asset tracking, heatmapping, and Bluetooth® capabilities
- Globally set policy that is enforced based on identity, regardless of location



Self-registration for delivery check-ins Self-registration on splash page

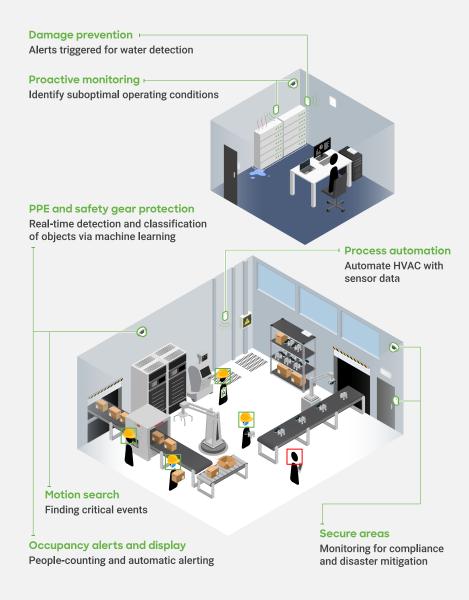
## **Smart Cameras** and Sensors





- · Minimal infrastructure makes it simple to set up and deploy anywhere; scales easily to meet future needs
- · Monitor people and processes for increased safety and security, get alerts for suspicious activity, and easily respond to and investigate events
- Intelligent analytics show hot spots, density, occupancy, and can help detect PPE and safety gear compliance

- · Real-time environmental visibility with alerting prevents premature equipment failure, unplanned downtime, or disruption to operations
- · Aggregate and analyze data to track usage metrics, automate operations, identify anomalies, and optimize processes



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## **Enterprise Mobility** Management



- · Intuitive, 100% cloud-based device management
- · Centrally provision, monitor, and secure all endpoint devices from the Meraki dashboard
- · Drive operational efficiency with zero-touch provisioning and rapid application deployment
- · Offer employees self-service options for BYOD by integrating directly with Meraki Wi-Fi

- · Provision and enforce certificatebased authentication with ease for superior security
- · Software update control and dynamic policy adjustments maximize protection



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Applied Technologies is an advanced technology company that architects, implements and supports customized technology solutions for real world business needs.