1. Secure automated Software-Defined WAN (SD-WAN)

Every organization needs to get to the point where they can deliver a consistent user experience, whether working from a branch location, a remote workforce, or a large number of hybrid or remote workers. Cisco SD-WAN delivers application access and secure connectivity, even during network changes. With a cloud-delivered SASE architecture where and how work happens, the result is efficient and cost-effective secure SD-WAN connectivity.

- 94% reduction in unplanned downtime
- 40% improvement in public cloud migration
- 91% lower time to service change

2. Application performance optimization

Application performance optimization improves the user experience and reduces costs by minimizing priority conflicts and optimizing traffic. Cisco SD-WAN delivers on-premises and cloud-based and centralized security, while eliminating the need for manual tuning.

- Application-aware enterprise firewall
- Dynamic path selection
- Route traffic more efficiently using URL categorization
- Mitigate network issues in real time with automated troubleshooting and root-cause analysis with a single dashboard
- Visualize in-depth analytics and historical insights for network problem resolution

3. Direct Internet Access (DIA)

DIA optimizes branch workloads while increasing 59% faster onboarding of multicloud applications seamlessly with unified security policies, and threat insights across SaaS applications in real time with visibility and control.

- Ensure end-to-end visibility, segmentation policy enforcement independent of the cloud provider
- Consolidate cloud and Internet access into a colocation facility for a consistent, centralized security policy across all clouds
- Automate the provisioning, workflow management, and security enforcement across the Infrastructure-as-a-Service (IaaS) applications
- Drive business agility with on-premises security and policy enforcement independent of the cloud provider
- Accelerate multicloud access with Cloud onRamp tools

4. Branch security

Cisco SD-WAN optimizes security with unified visibility and management as well as threat protection, which is a key requirement of today's organizations. Cisco SD-WAN provides comprehensive on-premises and cloud-based security and improves application performance.

- 58% faster implementation of policy and configuration changes¹
- 65% lower time to service change
- 59% faster onboarding of multicloud applications
- 33% more efficient WAN management
- 40% improvement in public cloud migration

5. Multicloud access

Connect multiple clouds to provide seamless access to their applications—availability, scalability, and reliability, as well as security and managing access to cloud applications. Take advantage of services without compromising on security, visibility, and management.

- Simplify security management with integrated workflows, preventing security blind spots and cyber threats
- Accelerate to a SASE architecture with the cloud-delivered Cisco Umbrella platform, which offers a secure automated Software-Defined WAN (SD-WAN) and Secure Access Service Edge (SASE) architecture where and how work happens.
- Secure automated Software-Defined WAN (SD-WAN) optimizes application performance and reduces costs by minimizing priority conflicts and optimizing traffic. Cisco SD-WAN delivers on-premises and cloud-based and centralized security, while eliminating the need for manual tuning.
- Application performance optimization improves the user experience and reduces costs by minimizing priority conflicts and optimizing traffic. Cisco SD-WAN delivers on-premises and cloud-based and centralized security, while eliminating the need for manual tuning.
- Direct Internet Access (DIA) optimizes branch workloads while increasing 59% faster onboarding of multicloud applications seamlessly with unified security policies, and threat insights across SaaS applications in real time with visibility and control.
- Branch security Cisco SD-WAN provides Multi-access with tight integration and tight integration from any cloud to any endpoint, ensuring that your organization can access the Internet and connect to private clouds, public clouds, and colocations with centralized security, from branches to multicloud SaaS environments.

Sources:
2. Enterprise Grade SD-WAN, Cisco, 2019.