

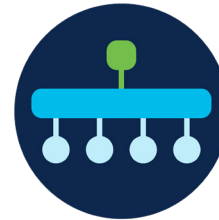
Cisco Network Services Orchestrator



Proven in demanding service provider environments



Broad multivendor support



End-to-end automation



Rich northbound software interfaces

Empowering network operators of all sizes with the capability to truly maintain a concise, agile, and reliable network

Regardless of how small or complex your automation and orchestration strategy is, success depends on the ability to link high-level intent to changes in your physical and virtual infrastructure. Any weakness in the speed, dependability, and capabilities of this connection undermine your entire strategy.

Smaller service providers may also have difficulty adopting complex management applications because of limited resources. So how can these service providers position themselves for success by driving automation and agile approaches to network management? Choosing the right automation and orchestration technology partner and solution is crucial.

Cisco® Network Services Orchestrator (NSO) provides robust, centralized, and easy-to-use interfaces to improve network operations such as business process workflow, OSS/BSS, and NetDevOps tooling for the underlying physical and virtual infrastructure. A rich set of northbound software interfaces and APIs allow NSO to easily integrate with any number of northbound tools and systems. An extensible southbound architecture means NSO works across different vendors and multiple domains.

Benefits

- Improve customer experience by delivering new services up to 90% more quickly
- Simplify operations to reduce costs and improve agility
- Faster, less error-prone time to update/upgrade networks
- Gain flexibility with multivendor support and a rich set of software interfaces
- Create enhanced accuracy and consistency
- Reduce support hours and free staff to perform other efforts
- Build trust with integrated auditing and compliance capabilities

Resources

- <https://www.cisco.com/go/nso>
- <https://www.developer.cisco.com/nso>
- <https://www.cisco.com/go/ruralbroadband>

How to buy

To view buying options and speak with a Cisco sales representative, visit www.cisco.com/c/en/us/buy.

NSO frees organizations to focus on improving customer experience instead of worrying about infrastructure deployment details. At the same time, operations teams can focus on optimizing their infrastructure with advanced auditing against a single source of truth that is the NSO database.

Cisco NSO has been shaped by nearly a decade of helping large, complex tier-1 service provider and enterprise environments automate everything from simple device turn-up, to cross-domain automation, to sophisticated full lifecycle service management. The real-world success of NSO stems from a series of unique capabilities:

- A rich and diverse set of northbound APIs and software interfaces that allow straightforward integration into existing business systems and operational tool chains

- A multivendor device abstraction layer that uses Network Element Drivers (NEDs) to mediate access to both Cisco and more than 170 third party physical and virtual devices
- Sophisticated integrated tools for maintaining state integrity, troubleshooting, and auditing
- Extensibility through custom development or through prebuilt use cases such as L2VPN and L3VPN

Taken together, these features deliver a fast, dependable, scalable, end-to-end, multivendor automation solution with a rich set of functionalities and unmatched flexibility.

Whether you are looking at simple task automation, building a NetDevOps practice, or other operational tool chains, or developing and deploying applications and services, Cisco can play a critical role in your strategy.

