

VENDOR SNAPSHOT

PRODUCTS AND SERVICES

Cisco Crosswork Network Automation is a suite of software for CSPs to manage multi-vendor end-to-end transport networks:

- Crosswork Network Controller turn-key solution for provisioning & managing intent-based networks
- Network Service Orchestrator (NSO) for multi-vendor cross-domain orchestration
- Crosswork Data Gateway collects telemetry and presents it on a message bus
- WAN Automation Engine (WAE) for WAN network modelling & control
- Crosswork Health Insights and Change Automation for network KPI monitoring
- Crosswork Situation Manager for alert monitoring + interpretation, analysis
- Crosswork Optimization Engine for transport network optimization
- Network Insights, SaaS-based network routing analysis
- Crosswork Trust Insights, SaaS-based device security audits and correction
- Crosswork Qualification Environment cloud based test automation

KEY STRATEGIES

- Create a set of SaaS and on-premises software products that can be used by CSPs and SIs to automate the management of Cisco and other vendors transport networks.
- Leverage intelligence in network elements in combination with Crosswork applications to optimize network operations
- Provide both domain control and cross-domain orchestration functions for network resource provisioning and management.
- Create a layer of knowledge about network operations in a suite of software + streamlined workflows to increase CSP + operations teams' productivity

Key Customers

- Telefonica
- T-Mobile
- Rakuten
- Most Tier1-3 CSPs worldwide

Founded
1984

Cisco Crosswork Network Automation is a suite of software products for end-to-end management of multivendor CSP networks.

Ecosystem

- VNF + PNF vendors in top CSP domains
- ISVs who add value to CrossWork apps
- CSP software developers

San Jose, CA



Worldwide

ANALYSIS

- The Crosswork suite provides a collection of scalable, proven, productized software systems that can be extended by users. It is currently a collection of use case + automation workflow-oriented products that can be deployed individually or in combination in a user-extensible 'platform'.
- The Crosswork suite gives Cisco an avenue for supplying strong value on both a single domain + a cross-domain basis. Whether it is adopted more extensively across multiple domains in concert may depend on balancing its open modular structure with delivering excellence in addressing the problems being attacked in each domain.