



## Ruthless Simplification

As the demands on networks continue to expand, simplicity, scale, and agility are essential. The historical solution of bolting on more and more siloed management and orchestration solutions to address different levels of network complexity gets increasingly more complicated and difficult to resolve accuracy across multiple sources of information. This approach must stop. Without taking the simplification directly into the network level, attempts to simplify service delivery through automation alone will just be simplicity sitting on top of network chaos. It is time to get ruthless with our simplification. It's time for a single source of truth that works across your multi-vendor network.

Cisco Crosswork is data-driven and outcome based, evolving how we look at the network, and manipulating it more holistically. It uses a controlled evolution to address your needs today, tomorrow, and in the future:

1. Begin the evolution by bridging across multi-vendor networks to deliver mass awareness. The open APIs of our Network Service Orchestrator are combined with the new Data Platform and Network Automation, so you can translate across vendors to enable direct connection for specific tasks and integrate with model-driven, streaming telemetry (across both physical and virtual networks).
2. Intelligence is delivered through the new Situation Manager, which leverages Health Insights and Network Insights to analyze offline or near real time data using a combination of machine learning and event correlation to establish norms and constantly test them to recognize anomalies – faster than any human could. This provides the augmented intelligence you need by combining what is happening today, with historical learning over time.
3. Proactive Control down to the individual network slice is created through the combination of Cisco WAE and Change Automation. This allows you to define the optimum action to take and seamlessly communicate it to where it is needed. Through standards-based, model-driven programmability, you gain the ability to drive intent in a consistent way across all devices. It's control down to the individual network slice with recall capabilities that can be safely “backed out” if necessary. That means you can optimize service delivery across the entire network.

Cisco Crosswork, combined with industry specific solutions such as SmartPHY for Cable, Ultra and SON 2.0 – MDSO for mobile and others, solve infrastructure complexity through an automated, multi-vendor operations layer that leverages analytics-driven insights and automated actions to increase network efficiency, availability, and improve decision-making. It is our way to deliver ruthless simplification that controls cost while increasing service flexibility at the same time.

It starts and ends with simplicity – that's what Cisco Crosswork Automation is all about. Check out the [Cisco Crosswork Product Family](#).



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