

Systems Integration Service: Solution Validation

Upgrading hardware and software and introducing new features are business as usual for network operators who strive to keep their networks running efficiently and provide the latest solutions to their customers. Launching new capabilities faster, with less technological risk while managing costs, is a crucial differentiator.

A key step to achieving these goals is to validate new capabilities before implementing them in the network to ensure they perform as expected. Successful solution validation requires proper planning, deep product knowledge, and experience. When validating a solution, Ciena customers typically face challenges around:

- Availability of highly sought-after engineering resources with the right skills
- Having the budget and time to establish a suitable lab test environment
- Sustaining validation over successive releases over the complete product lifecycle

Additionally, it can be difficult for network operators to fit irregular or one-time activities into the schedule and ensure the latest releases work as expected.

Solution Validation Service

Ciena's Solution Validation Service shortens the time it takes for network operators to have new capabilities validated, resulting in faster time to market and reduced risk, ultimately lowering the cost to launch a new feature or service. Solution Validation Service can be used for new software features, to introduce new hardware elements, or to ensure multi-product solutions perform as expected—including interoperability with third-party components.

Solution Validation Service

Ciena's engineers apply their lab testing expertise to help you accelerate time to market while reducing risk, minimizing service disruption, and saving costs by validating new software releases, hardware, and complex solutions before implementing them in the production network.

Broad capabilities available include product or release type approval/acceptance testing, and multi-product network/service architecture testing.

Example use cases

- SAOS 6.x/8.x to 10.x transition interworking validation
- Packet service design validation
- Ciena's Network Element (NE) to third-party controller API validation
- PON and Universal Aggregation validation
- 6500 to RLS transition interworking validation
- Ciena's pluggables in third-party platform validation
- Foreign transponder testing over a Ciena line system
- Foreign plug testing in a Ciena platform
- Submarine cable capacity assessments
- Ciena's Manage, Control and Plan (MCP) Advanced Applications, including Adaptive IP™ Apps, with third-party router validation

Delivery models

- Project-based—single, specific validation scope
- Subscription-based—dedicated full-time Ciena resource for 12 or more months
- Micro-consulting—remote technical consulting of your testing activities for set number of hours