

Custom Automation

Coriant® Network Management and Control Services

Fast paced network changes are vitally important in today's competitive telecommunications market. Whether building new infrastructure or modernizing the existing network, project timing is essential to optimize investments. Network operators face the challenge of appointing resources with specific skills for network-wide changes, especially when operating personnel are busy with day-to-day activities. Intensive requirements to speed time-to-market, minimize downtime, and ensure cost effectiveness cannot be compromised with delays, manual errors, or inefficient workflows.

DELIVERING PROVEN AUTOMATION RESULTS WITH CORIANT SERVICES EXPERTISE

Custom automation services introduce automation to any operating routine or a more complex, repeatable set of engineering tasks. Workflows are optimized by identifying critical, time-consuming, or tedious steps. Solution experts select the most suitable software to design and develop specific tools to perform repeatable tasks flawlessly. Detailed testing in a development lab ensures functionality as specified and safe execution in the production network.

Automation services are conducted onsite or remotely. Projects are delivered by dedicated Coriant consultants with significant engineering experience. Depending on the solution, custom tools can be run by either Coriant expert consultants or the network operator's staff after appropriate knowledge sharing.

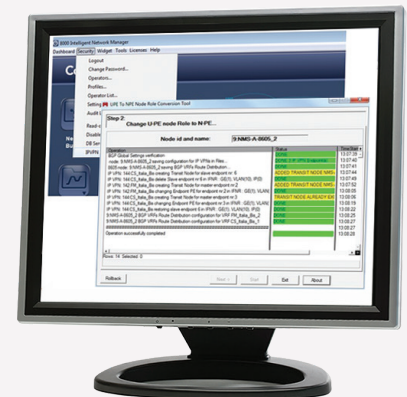
COMPLETING A BROAD RANGE OF AUTOMATION PROJECTS

Coriant® Network Management and Control Services have effectively optimized networks with a wide variety of automation assignments. Some examples of completed projects include:

- Network element migrations and conversions
- Network expansion or consolidation projects
- Network element security configuration
- Mass provisioning, reconfiguring, and service deletion projects
- Alarm reduction projects
- Configuration consistency audit and fixing inconsistencies
- Network retirement cleanup

BENEFITS OF CORIANT® CUSTOM AUTOMATION

- **Enables** quick service creation to speed time-to-market
- **Helps** to free resources from routine administrative tasks
- **Provides** custom solutions from easy-to-use GUI to machine readable formats
- **Offers** check and fix configurations in predefined workflows
- **Facilitates** a traceable change process and enables the option for an automated rollback
- **Minimizes** the risk of manual errors



CUSTOMIZING SOLUTIONS WITH CORIANT NETWORK MANAGEMENT AND CONTROL SERVICES

Custom Automation solutions are delivered by the Coriant® Network Management and Control Services team. This is a global team with proven expertise in network management systems, analytics, automation, and reporting. Whether driven by network evolution through upgrades, installations, migrations, complex database solutions, customized tools, audits, northbound interfaces, or reporting systems, Network Management and Control Services solutions are tailored to each customer's business needs.



Custom Automation provides fast and controlled change management for every phase of the network lifecycle

8840

----- Original Service

- The customized migration tool analyzes and plans each site.
- The tool prepares input for automated configuration.

8665

8840

----- Original Service

----- Migrated Service

- During migration from 8840 to 8665, the customized workflow automatically switches each service link by link, ring by ring.
- The tool enables logging, error handling, and rollback for each step.

8665

----- Migrated Service

- The tool runs final checks to ensure successful migration of each service.
- Results of the checks are documented.

Automated Migration Project Example



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