

PRODUCTS AND SERVICES

- Itential provides modern cloud native cross domain orchestration software for multi-domain physical, virtual and cloud networks for CSPs and enterprises.
- Offers pre-configured applications built on the platform for specific use cases:
 - Device maintenance & applications for configuration management service, lifecycle and policy
 - Software upgrades
 - Failure response
- Automation Gateway is a standalone application that provides network operations with the ability to convert Ansible artifacts such as playbooks, modules and roles and arbitrary scripts (python, perl, bash, etc.) into APIs and provides a real-time federated inventory repository for automating engineering and operations tasks. Used to integrate to non-SDN-enabled elements or controllers. It can be integrated with the Itential Automation Platform to enable teams to integrate their script-based assets into larger automations.
- Itential provides an aggregated, REST-based API between external IT systems and network technologies, exposing purpose-built maintenance automation, service order management, and configuration management capabilities to the upper layers.
- Provides no-code adapter builder for interfaces to API-based network resources, domain controllers, OSS ,and BSS.

KEY STRATEGIES

- Support both CSPs and large enterprises with an intrinsically multi-vendor interdomain orchestrator for provisioning. Partner with others for service assurance and traffic analysis.
- Provide a highly productized offering that can be adapted by CSPs' IT shops..
- Provides tools and source code for library of pre-built assets including workflows and adapters at <https://www.itential.com/developer-tools>
- View “infrastructure as code” as the future of network automation.
- Flexible model-driven automation approach supports YANG/TOSCA/YAML and others. Auto generate interfaces to domain controllers from vendors or others from OpenAPI specs Treat the network as the “source of truth,” though can federate information from multiple external inventory systems.

Key Customers

- 50+ customers
- Fortune 500 financial services, retail, transportation, federal govt., MSPs
- Tier 1 CSPs: DT, Liberty Global, Lumen, TI, TPx Comm.

Founded
2014

Itential provides an “intelligent network automation” cross-domain orchestration software system for network & service provisioning and engineering for CSPs and Enterprises.

Ecosystem

- Amartus
- Cisco
- Devoteam
- GDT
- Logicalis
- Red Hat
- Tech Mahindra
- World Wide Tech

Atlanta, GA, USA



UK, LATAM, Australia

ANALYSIS

- Itential has been named as one of the Top 6 suppliers of cross-domain orchestration in the telecom market. It is a strong technical product for CSPs' IT shops who want to extend the product into new areas.
- Itential offers a strong cross domain, multi-vendor orchestration system, using emerging software standards, including strong support of network slicing. It provides a highly intelligent adaptation layer between OSS/BSS and the new generation of discoverable and configurable virtual and physical equipment.
- Itential differentiates itself with its: rich data model (using JSON format); extensive interface, workflow, and equipment model libraries; dynamic creation of orchestration workflows, and its easy-to-use interface for workflow component creation.