

PRODUCTS AND SERVICES

- Itential provides 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 SDN-enabled network resources or domain controllers.

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.
- Exploit synergies between deployments in enterprise and CSP markets.
- Provides source code at [developer.Itential.io](https://github.com/Itential)
- View “infrastructure as code” as the future of network automation.
- Model-driven automation based on YANG/TOSCA/YAML Auto-generate interfaces to domain controllers from vendors or others from swagger specs.
- Treat the network as the “source of truth,” though can integrate with 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
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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 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 fast, low-code integration capabilities.
- The business case for cross domain orchestration (CDO) of provisioning is proving in as SDN-enabled devices and domain controllers continue to penetrate the market. CDO represents a good opportunity for ISVs, who are the preferred vendors of these functions. In the future, Itential will have to partner with, or grow, service assurance (and perhaps traffic analysis & control) functionality to provide full CDO capabilities for closed-loop operations.