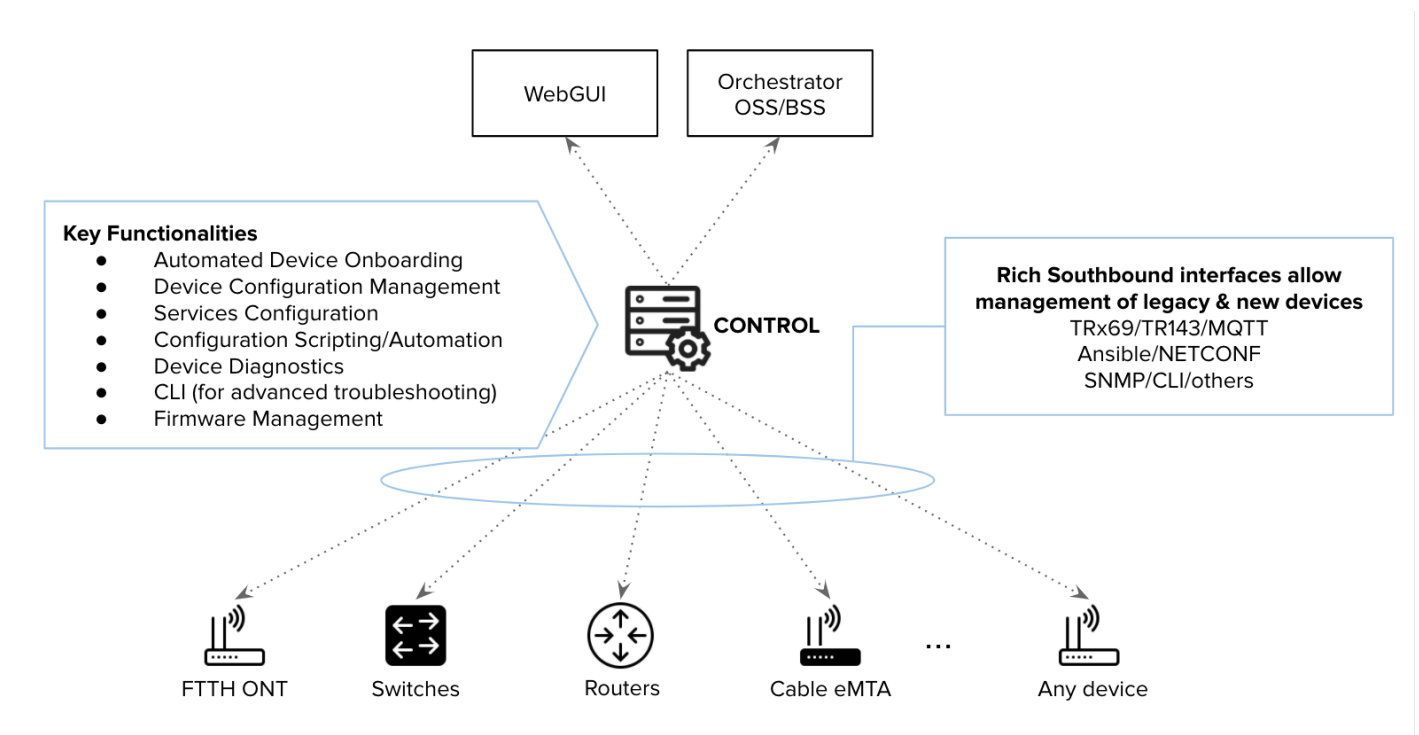


What is CONTROL?

Overview

CONTROL is a multivendor and multiprotocol Device Management Platform, also known as an ACS (Automated Configuration Server). It enables service providers to efficiently manage and support customer premises equipment (CPE) regardless of manufacturer or device model.



Key Capabilities

CONTROL provides comprehensive device management functionalities designed for service provider operations:

- **Automated Device Onboarding** - Streamlined provisioning of new devices
- **Device Configuration Management** - Centralized configuration control and version management
- **Services Configuration** - Service-level parameter configuration and deployment
- **Configuration Scripting/Automation** - Script-based workflows for bulk operations
- **Device Diagnostics** - Real-time monitoring and diagnostic tools
- **CLI Access** - Command-line interface for advanced troubleshooting

- **Firmware Management** - Centralized firmware updates and version control

Protocol Support

CONTROL communicates with managed devices through standard and secure southbound protocols, including:

- TR-069 (CWMP)
- MQTT
- SNMP
- CLI
- Additional vendor-specific protocols

This multi-protocol approach ensures unified device management across different brands and models through a single platform.

User Interface

Web-Based GUI

CONTROL features a comprehensive web-based graphical user interface for configuration, settings management, and troubleshooting. The interface supports role-based access control with differentiated privilege levels:

- **Read-only** - View configuration and status information
- **Read-write** - Modify device settings and configurations
- **Admin** - Full platform administration capabilities

RESTful API

All configuration settings and management actions are accessible through a flexible RESTful API, enabling seamless integration with existing OSS/BSS platforms and custom automation workflows.

Additional Resources

- [Architecture](#)
- [Specifications](#)

