

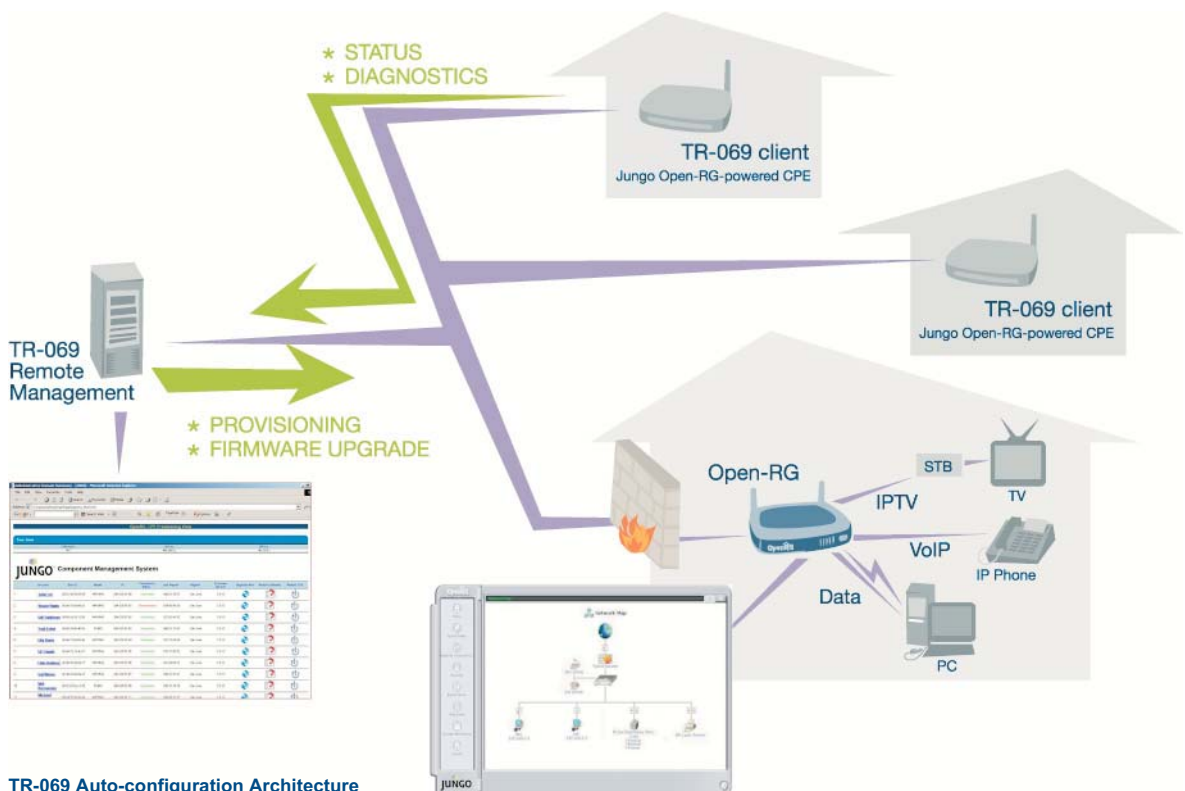
## TR-069

### DSL Forum CPE WAN management protocol

#### Overview

Telco operators around the world are realizing the huge potential of providing advanced services such as voice and video over their traditional network infrastructures. In order to provision and manage these advanced services while reducing support costs and customer churn, the operators are turning to remote management of residential gateways.

TR-069 is the DSL Forum's CPE WAN management protocol, which has become the de-facto standard for remote CPE management. TR-069 provides standardized remote device management for residential gateways. It provides the necessary framework for efficient, scalable and secure provisioning and support for a wide variety of broadband services, enabling the triple-play of data, voice and media services.



TR-069 Auto-configuration Architecture

#### Key Features

- ADSL Forum WAN CPE management protocol
- Auto-configuration and dynamic service provisioning
- Software/firmware image management
- Status and performance monitoring
- Diagnostics
- Identity management for web applications
- Interoperability with leading ACS providers

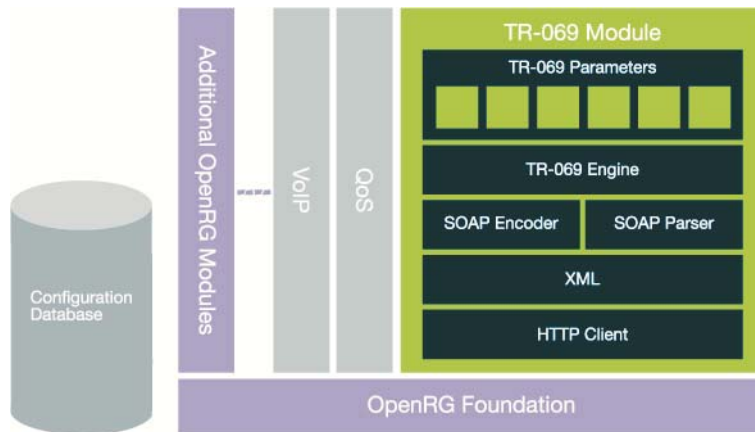
#### Key Benefits

- The only independent TR-069 software solution
- Fully interoperable and tested with several of the leading ACS products
- Reduced support costs through standardized remote management
- Hardware independent solution
- APIs available for customer-specific expansions
- Pre-integrated with Jungo's market leading OpenRG software platform

Jungo's TR-069 client resides in the residential gateway and provides management over a secure HTTP connection. It is fully integrated with Jungo's OpenRG product. OpenRG is the only independent software TR-069 implementation. This gives ODMs and OEMs the flexibility of hardware platform choice and allows service providers the flexibility of TR-069 management server choice. TR-069 is available as part of Jungo's market-leading gateway software platform, OpenRG™.

**TR-069 client configuration parameter list:**

- ACS settings
- Device parameter reporting
- LAN network settings
- LAN host device reporting
- WAN device settings
- LAN and WAN statistics
- Provisioning of core WAN connectivity settings
- Remote image upgrade
- Configuration file download



Jungo is the only independent TR-069 client software provider. Through strong partnerships with leading TR-069 ACS vendors, Jungo is uniquely positioned to provide true integrated TR-069 CPE capabilities.

Jungo is a member of the DSL Forum ([www.dsforum.org](http://www.dsforum.org)) and the Home Gateway Initiative (HGI) ([www.homegatewayinitiative.org](http://www.homegatewayinitiative.org)) paving the way to a standardized digital home.



**About Jungo**

Jungo Software Technologies is a leading provider of digital home and office networking software. Jungo offers integrated reference designs for Home/SOHO and SMB gateways, storage devices, wireless and VoIP gateways enabling customers to simplify development cycles and provide the most innovative and cost effective home and office networking equipment. Jungo is a privately held company with corporate offices in San Jose, California, sales and support offices in Taiwan, USA and UK and an R&D center in Israel. Founded in 1998, Jungo's investors include Conexant Systems, Infineon Ventures, Intel Communications Fund, Partech International and Telesoft Partners. Find out more at [www.jungo.com](http://www.jungo.com).

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