about ACSLite

Netmania IT has established itself as a leading provider of IT services and solutions since the company was founded in 2000.

ACSLite is just one Netmania IT product which has proven to be extremely popular because it represents the ideal solution for service providers requiring an Auto Configuration Server (ACS) which is 'light' in terms of both the hardware required and product price but not in terms of functionality.

The service provided by Netmania IT also goes beyond device management; our clients rely on us to provide a comprehensive solution. In practice, this means we are involved from the initial design and consultation phases, through all the stages which follow, including due diligence, quality assurance and interoperability testing; the provisioning of self-help solutions, in-life support and field trials, plus much more.

This approach is what sets us apart from other ACS providers - we don't just supply the tools; we take the time to show our clients how to get the most out of them and how they integrate with the other devices they manage.

ACSLite provides a broad range of TR-069 functionalities for managing Customer Premise Equipment (CPE) networks, including:

✦ Zero-touch provisioning of value added services such as VoIP and IPTV

✦ Logic box php-based scripting engine

✦ Troubleshooting tool including a dashboard which allows service providers to quickly assess network and device health

✦ Integration with CRM and OSS systems

✦ Improved user management and access level configuration

Scalable Solution

ACSLite requires minimal hardware and offers a cost-effective solution for service providers looking to leverage the power of TR-069 in order to manage their customer networks remotely.

The product provides a device agnostic solution which allows devices to be automatically provisioned and configured, while enabling the rapid deployment of new services with reduced operational and support costs.

One of the major advantages of ACSLite is that it can grow with any business. This means as the number of devices being managed increases, a company can scale up their ACS platform with Netmania IT accordingly.

about ACSLite

Device Management Specialists

Netmania IT has the experience of managing one of the largest and most active TR-069 networks in the world and has vast experience of TR-069 standards, including systems integration; zero-touch provisioning of value-added services; data collection and router diagnostics; integration into self-care portals; firmware upgrades and compliance testing.

We are currently working with many leading CPE vendors, including Technicolor, Netgear, Sagem, Cisco, 2Wire, Motorola and ZyXEL, to name just a few. The list of vendors and devices supported is growing on a daily basis as we complete interoperability tests for our clients.

Our world-leading knowlwdge and expertise in this field comes from working with one of the first providers to adopt the TR-069 industry standard. As a result, we have been heavily involoved in Tr-069 and have built a vast amount of knowledge and experience, which we readily draw upon, to the benefit of our international client base.
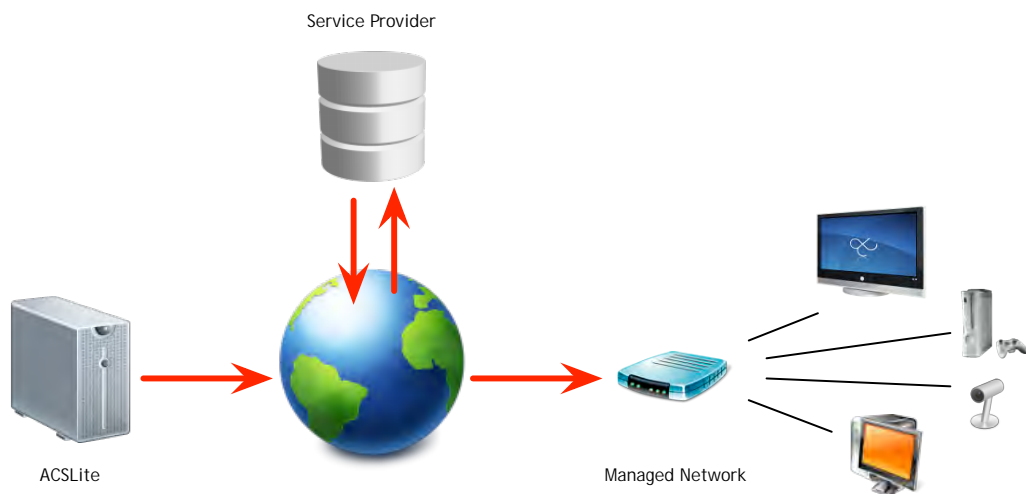
ACSLite Core Business Benefits

- Reduced support costs
- Reduced service activation costs
- Improved customer experience
- Reduced in-life support costs
- Improved customer support experience
- Reduced time-to-market of new services
- Maximized value-added service adoption
- New revenue streams
- Increased customer retention

ACSLite Deployment

Netmania IT provides multiple deployment models which ensure a solution tailored to meet your requirements:

- On-site deployment
- Hosted service - servers hosted within the Netmania IT data center
- Fully managed service - Netmania-IT hosts the service and provides end-to-end device management

Service Provider

ACSLite

Managed Network

"They don't just deliver solutions. The company has a deep and detailed understanding of their client's business problems and the capability to work with us to identify the solution requirements and then manage the deliveries through implementation into in-life."

ACSLite Dashboard
Useful, Configurable Analytics

netmania
making the right connections

User-Friendly Traffic Light System

The dashboard is a monitoring tool within ACSLite to keep the user aware of possible issues within their network. The ACSLight uses a simple traffic light system, subsequently making the information within the auto configuration server more accessible for non-technical users. The system gives you a snapshot of your network, identifying issues before your customers percieve a problem exists.

Refresh Dashboard

QDD_Bad_Packets
🔴 1 Device(s) - View
Configure

QDD_Line_Rate
🟢 No known issues
Configure

Device Flags

The data for the ACSLite dashboard is gathered from device flags. Flags are combinations of names and values tied to a device record and can be populated with information from the device, another database or added by a user via a script or manual entry.

Flags

	Flag Name	Value
☐	QDD_Bad_Packets	100
☐	QDD_Line_Rate	1000

DELETE

Setting Thresholds

The parameters of what will create a green dashboard light or a red one are very easy to configure, combining the use of flags on device records with a user-friendly interface where changes to threasholds can be made.

Configure: QDD_Bad_Packets
An alarm will indicate when the value of the Flag is LESS than the Min and Greater than the Max;

Min   0
Max   100

or is Equal to the value below.

Equals   0

Save Configuration   Cancel

Resolving Problems Quickly & Easily

The traffic light system makes the identification of problem devices and the route to them being remedied very simple. With the level of user control, the dashboard can be used for all sorts of applications, be it monitoring failures of a firmware roll out, ensuring QoS levels are correct for VoIP/IPTV or checking if value added services have been correctly applied.

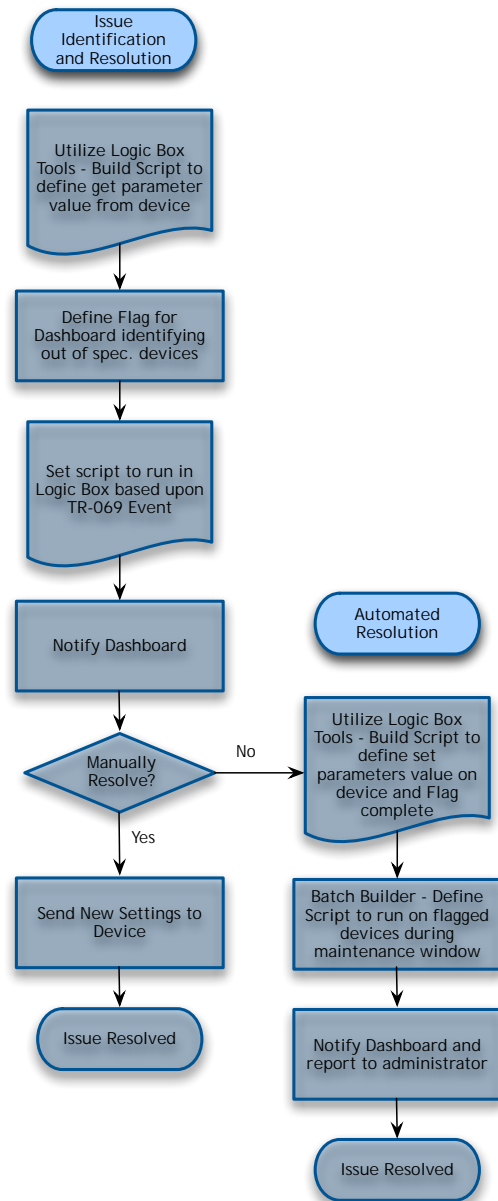Matching Devices for QDD_Bad_Packets

Show 10 ▼ entries

Serial #
490627071947

Showing 1 to 1 of 1 entries

ACSLite Logic Box
Flexible Scripting Engine

Issue Identification and Resolution

- Utilize Logic Box Tools - Build Script to define get parameter value from device
- Define Flag for Dashboard identifying out of spec. devices
- Set script to run in Logic Box based upon TR-069 Event
- Notify Dashboard
- Manually Resolve?
  - Yes → Send New Settings to Device → Issue Resolved
  - No → (Automated Resolution)

Automated Resolution

- Utilize Logic Box Tools - Build Script to define set parameters value on device and Flag complete
- Batch Builder - Define Script to run on flagged devices during maintenance window
- Notify Dashboard and report to administrator
- Issue Resolved

Php-Based Scripting Language

The scripting language is php-based, meaning you can utilize existing php skills within your business to create the scripts. If this skill set does not currently exist in your business, we offer both hosted services and training, depending on what suits your needs.

User-Managed Scripts

All management of the scripts is left open to the user; allowing the creation, editing and deletion of scripts with no need for expensive hosted service costs to control the workings of your own auto configuration server.

Scripts Tied to Events

The scripts can be tied to events, these events will use specific triggers to start the script.

Managing Triggers

The triggers use the range of TR-069 inform methods. Therefore, the user has the ability to fully manage and modify the triggers that start the scripts.

Scripts Tied to Batches

The scripts can also be tied to more simple batches, these allow you to create schedules on your auto configuration server and control at which times and which devices the scripts will run against.

Staying Ahead of the Competition

Combining the RPC (Remote Procedure Call) commands, ability to integrate backend CRM/OSS systems via SOAP/XML calls with the ability to tie the scripts to events and schedules, make the Logic Box an extremely powerful tool and one which could give your business the added services and customer care to set you apart from the competition.

AMT
advanced media technologies