

Public safety, utility and transportation agencies cannot tolerate delayed data transfers. Mult-IP Analytics delivers real-time intelligence on network and application performance to ensure uninterrupted mission-critical communications. In addition, Mult-IP's acute event logging provides for post mortem analysis, trending and auditing.

Proactive Performance Intelligence Drives Network ROI



- ➔ Rapidly validate and reconcile carrier network usage invoices
- ➔ Proactively identify and quickly resolve potential networking problems
- ➔ Track stolen client devices or security breaches
- ➔ Facilitate decision-making on capacity planning, network upgrades and maintenance
- ➔ Optimize your client usage and track client activities
- ➔ Improve productivity by quickly identifying root-cause of problem areas

A New Era of Intelligence

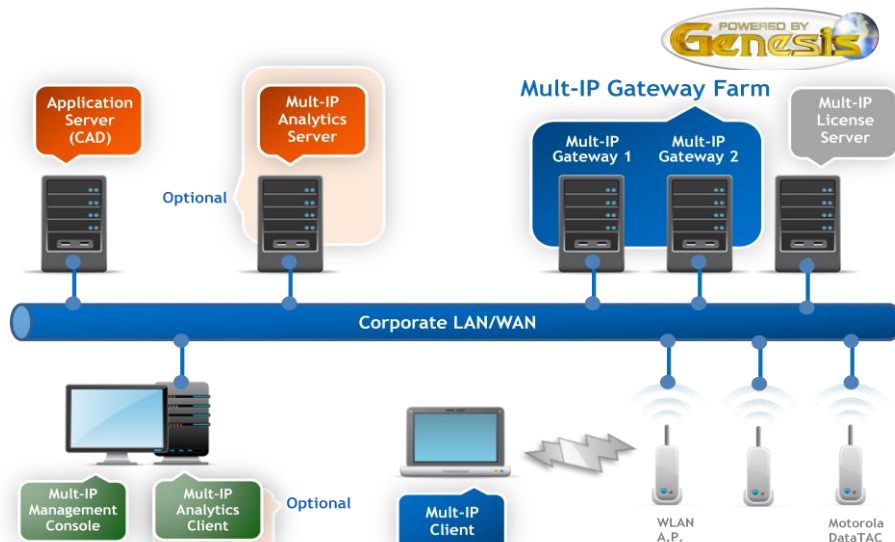
Powered by Genesis, the Mult-IP Analytics module is accessed via the Mult-IP Launcher, an intuitive graphical user interface (GUI) that allows administrators to define the parameters of the report(s). The solution is composed of 2 main components:

Mult-IP Analytics Server:

A LAN/WAN-based server that uses syslog messages to collect and process data from the Mult-IP VPN Gateway(s). Data is then stored in an SQL database.

Mult-IP Analytics Client:

Residing on the network administrator's workstation, the client collects the requested data from the analytics server and automatically generates the requested report.



List of Reports

Mult-IP Analytics comes preloaded with a large library of reports offering comprehensive details on a wide range of system events for a defined period of time.

Category	Report Name and Description
Applications	Application Socket Count - number of sockets opened by an application Application Version Usage - application connection events, including application version Network Usage by Application - network usage by application
Authentication	Client Authentication Events (List) - list of authentication events and client device details Client Authentication Events (Chart) - number of authentication events for client devices
Battery	Client Battery Life Over Time - battery life changes per client device
Client	Client Events - registration and authentication status, opening system connection per client device
Compression	Client Compression Over Time - percentage of data compressed by Mult-IP
Gateway	Gateway Events - all events associated with a gateway Gateway Elections Events - change of master/slave status of gateways Gateway Load over Time - CPU usage, memory usage, client device connections and load per gateway (1 or all) Top Gateways - top used gateways based on load, i.e. average CPU usage + memory usage + client device connections
Network	Global Networks Usage - comparison of global network usage for all networks Global Network Usage by Clients - global network usage (sum of all networks) for all client devices Network Usage Over Time - sum of all client device usage for a selected network Network Errors Over Time - network error events per network or for top 10 networks Network Usage by Client Over Time - global network usage (sum of all networks) for a selected client device
Operating System	Operating System Usage - number of client devices per OS Operating System Detail - client device OS details (OS, Service Pack, etc.)
Quarantine	Quarantined Clients Over Time - number of quarantined client devices Quarantined Client Registration Attempts - registration attempts while the requesting device was in quarantine
Registration	Client Registration Events - request, success and reject events (# and %) Client Registration Status Over Time - registered and out-of-coverage status per client device Client Socket Disconnects - number of sockets closed per client (1 or all)
Roaming	Client Roaming Over Time - client device (1 or all) roaming events between networks

System Requirements

Analytics Server

- **Operating System:**
MS Windows XP SP3 and higher
500+ clients = MS Windows Server 2008 R2 only - virtualization support (VMware and Hyper-V)
- **MS SQL Server** 2005 and higher
- **MS SQL Management Studio**

Analytics Client

- **Operating System:**
MS Windows XP SP3, Windows 7 (32/64 bit),
Windows Server 2008 R2 - virtualization support (VMware and Hyper-V)
- **MS Office (Excel)** 2003 or later