

Communications are crucial.  
You cannot tolerate delayed data transfers.

## Be in the know about your Network Infrastructure to better manage it.

### Let the Data Tell the Story.

Synopsis seamlessly connects into Mult IP's logging engine to provide a sleek and easy access to network and application performance which allows for in-depth analysis, trending, and auditing.



### Proactive Performance Intelligence Drives Network ROI

- ◆ User Friendly Interface
- ◆ Customizable to your specific needs.\*
- ◆ Access from anywhere, at any time, on any device
- ◆ Fully compatible with multi-agency organizations
- ◆ First Net Ready

\*Professional Services charges may apply based on customization requirements.



### Case Study

#### The Problem

The county's Public Safety network administrator is notified of slow connections by field staff. They report that it's been happening for the past two weeks... Given their heavy workload and night shifts, they cannot provide a more detailed description of the problem, but expect a solution as their productivity is reduced. The county management is eager to have this situation resolved.

#### The Solution

The network administrator queries the Synopsis Network report with the Group Traffic option. He quickly notices higher traffic levels for the Police agency group. Then drilling down through Police agency traffic data, he can notice, in the hourly traffic histogram, traffic peaks happening in the past two weeks around 2 a.m. Using the Application Traffic report filtered for the Police agency, he understands that an application is generating the most traffic at 2 a.m. With only a few clicks, he was able to identify the root cause (the application unexpectedly backing up its data) fix it by using the Mult-IP filtering capabilities.

**Let Synopsis connect to your Mult-IP events logging engine. It will allow your users to solve business problems and work more efficiently.**



**Need more information about Synopsis? Looking to improve your mobile security? Contact us at 1-877-717-2242 or visit us at [www.radio-ip.com](http://www.radio-ip.com)**

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# Get to know **everything** about your **network performance**

## List of reports

Synopsis comes preloaded with a large library of reports. Each offers comprehensive details on a wide range of system events for a defined period of time. Here are some of the categories and the corresponding reports.

- |                    |  |
|--------------------|--|
| <b>Application</b> | <ul style="list-style-type: none"><li>◆ <b>Application Traffic</b><br/>Use this report to unveil how the client mobile units' applications are using the networks. Toggle between the Application, Driver, and Client views to understand utilization trends.</li></ul>  |
| <b>Client</b>      | <ul style="list-style-type: none"><li>◆ <b>Battery Level</b><br/>Use this report to track specific client mobile unit battery charge level over time in percentage</li><li>◆ <b>Operating System</b><br/>Use this report to understand the distribution of Operating System (OS) versions throughout the selected client mobile units.</li></ul>   |
| <b>Gateway</b>     | <ul style="list-style-type: none"><li>◆ <b>Load</b><br/>Use this report to calculate and display gateway load over the specified period of time. The gateway load is comprised of CPU usage, memory usage, and number of connected clients which histograms can be plotted separately.</li></ul>   |
| <b>Network</b>     | <ul style="list-style-type: none"><li>◆ <b>Client Traffic</b><br/>Use this report to study network usage by client mobile unit, find heavy network users. Toggle between the Client and Driver views to refine your query.</li><li>◆ <b>Driver Traffic</b><br/>Use this report to study network usage by driver (network interface).</li><li>◆ <b>Group Traffic</b><br/>Use this report to study network usage by group (Multi-IP group of users). Toggle between the Group and Driver views to refine your query.</li><li>◆ <b>Out of Coverage</b><br/>Use this report to query total out of coverage seconds per client mobile unit. Clicking on an area of the pie chart will display its histogram.</li><li>◆ <b>Roaming</b><br/>Use this report to see when a mobile client unit roamed between different networks.</li></ul> |

## Technical Requirements

It is recommended to use two distinct hosts for the Web server and Database server. Mult IP Version 3.12 is required to operate with Synopsis.

### Browsers

- Internet Explorer: 11.
- Firefox, Chrome: most recent public version.

### Web Server

#### Software

- Apache-Tomcat 7, 8 (without Tomcat FHS)
- Java JDK 1.8
- Windows Server 2012 R2, Windows Server 2008 R2
- SUSE, Red Hat, Ubuntu, CentOS, and most flavors of Linux

#### Hardware

- Quad-Core CPU,
- 8GB+ RAM

### Data Base Server

#### Software

- Microsoft SQL Server 2008R2 ou +
- Windows Server 2012 R2, Windows Server 2008 R2

#### Hardware

- Quad-Core CPU,
- 8GB+ RAM
- Hard drive: 4 Gb/month worth of data



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