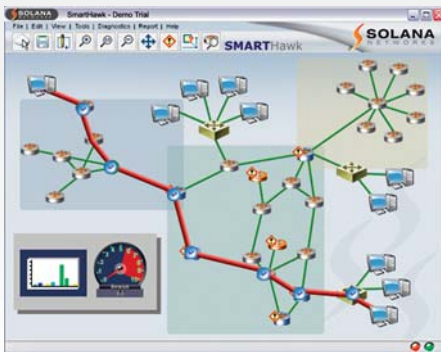




## SmartHawk QoS Module

The SmartHawk QoS Module expands on the routing analysis capability by providing network wide visibility into QoS and traffic patterns. By leveraging the real-time network topology map it is now possible to provide end-to-end visibility of network wide traffic without the need for numerous and costly probes or sniffers. Moreover, unlike other tools, SmartHawk will now allow the user to automatically analyse "path QoS", rather than manually scrutinizing individual links. Historical traffic behaviour can also be replayed and overlaid onto the Layer 3 topology allowing for unparalleled "what-if" scenarios and future planning analysis.



## Features

- Network-wide QoS visibility
- Visualize Netflow traffic on real-time topology map
- Analyze path packet loss, delay and jitter
- Visualization and monitoring of path traffic and bandwidth utilization
- User defined topology traffic indicators and real-time alarms
- Topology based CoS traffic replay capability
- Customized routing QoS reports
- Full routing diagnostics & troubleshooting capability
- Data export capability for traffic engineering using third party tools
- Monitor and analyze path queue length
- Support for most commonly defined Per-Hop Behaviours

## Benefits

- At a glance network utilization for rapid analysis of problems
- Easy drill-down capability to analyze network performance
- Custom utilization and bandwidth charts to identify unusual network trends
- Identify and isolates network faults with advanced GUI
- Digital dashboard provides quick analysis of network routing health
- Determine the impact of route changes or failures on network traffic
- Traffic replay capability combined with "what-if" scenarios allow for modeling, network planning