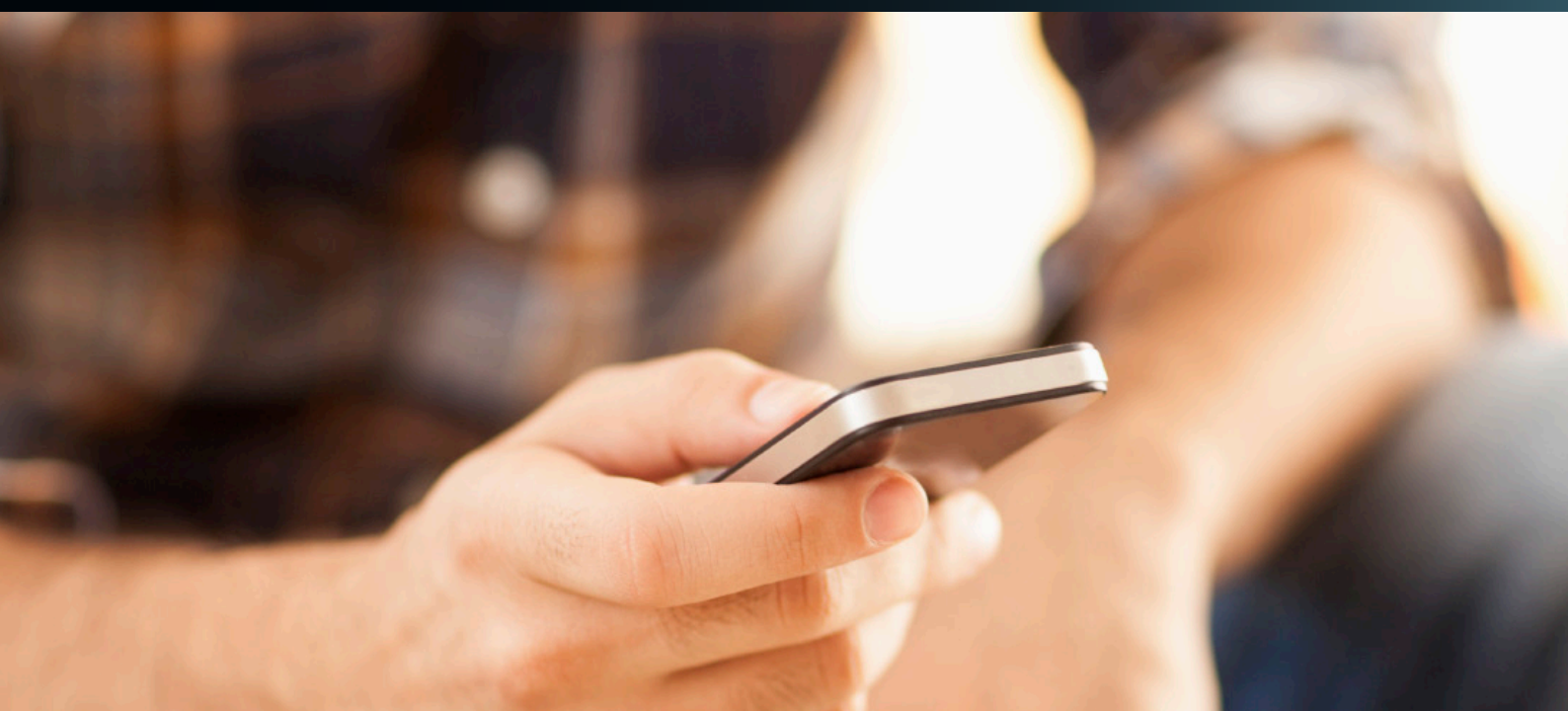


GoS 360°

Taking Policy to the Smart Connected Device



The need for a 360° solution

As new services launch and bandwidth demand grows, network operators are increasingly challenged to maintain service performance and user experience. The solution is GoS 360°.

GoS 360° enables network operators, content providers, enterprises and cloud services to deliver consistent and differentiated user experience, through GoS Networks' patented guarantee of service technology.

GoS 360° is a portable software solution that solves the problem of bandwidth demand by extending policy control to smart devices. It enables operators to see exactly what is happening on the device, while dynamically pushing policy rules to user equipment. It integrates with network infrastructure to maximise existing resources and provides an extensible platform for additional use cases and benefits.

The value of GoS 360°

By taking policy to the smart connected device, GoS 360° provides a platform for access network independent service monitoring, policy enforcement and access network selection that improves user experience, reduces costs and drives new revenue opportunities.

With a GoS-enabled network, operators can:

- Enforce congestion management on the device
- Manage signalling overhead before it reaches the network
- Enforce dynamic offload based on specific rules
- Prioritise and protect revenue generating traffic
- Keep unwanted traffic under control
- Reduce support costs and customer churn.

GoS 360° delivers...

Profitable customers

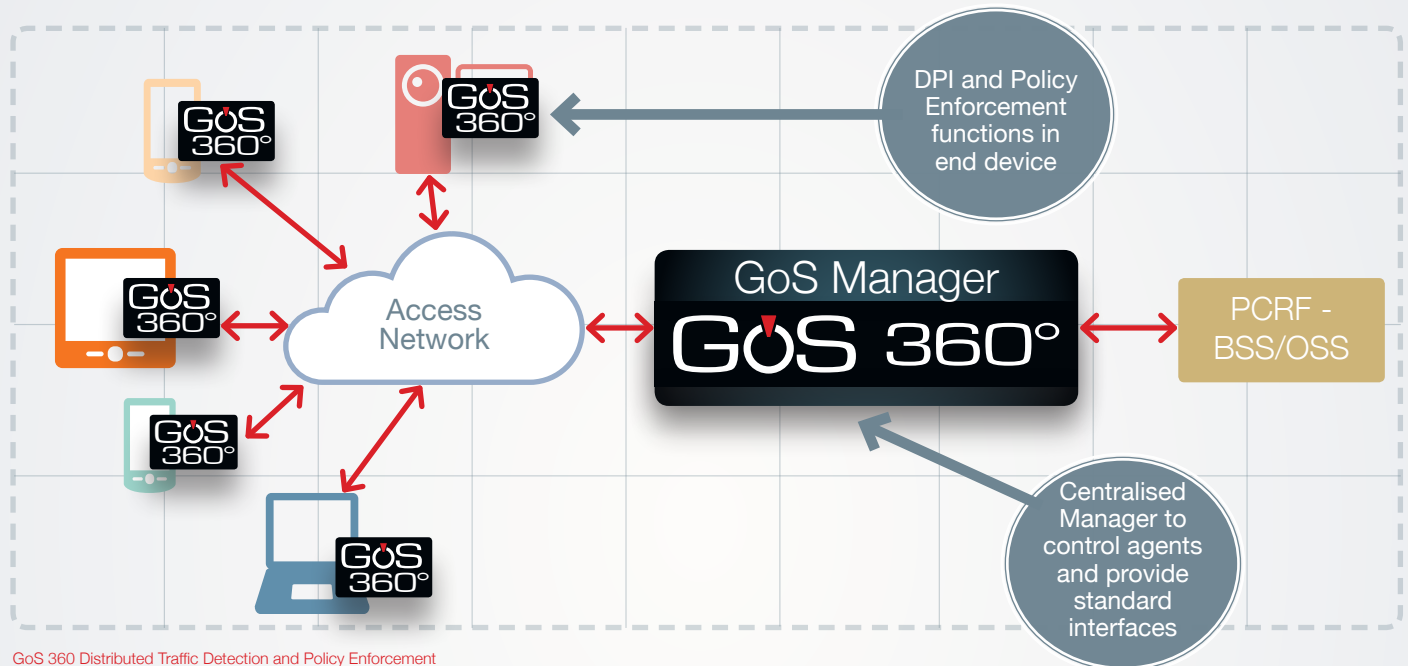
With GoS 360° in your network your customers know that their real-time multimedia services will perform. This means they use them more frequently, spend more money and stay with their service provider.

With GoS 360° in your network you can monitor customer experience at the smart device, access real-time performance diagnostics and ensure customer satisfaction.

Profitable networks

GoS 360° enables networks to recognise applications and implement policy in smart devices. This means they use bandwidth more efficiently and deliver better use of network resources.

With GoS 360° in your network, revenue generating traffic can be prioritised and network capacity can be dedicated to the services and applications that make money.



GoS Agent

GoS Agent is a lightweight software solution that supports a plug in architecture for extensible use cases. Some of the key functions of the agent include:

- DPI & Application Awareness (optional)
- LAN Connectivity & Diagnostics (optional)
- QoS Performance and Enforcement
- Link Rate & Bandwidth Performance (optional)
- Service and Network Performance Monitoring
- Connection Management (WiFi Offload) (optional)

GoS Agent contains a unique and powerful QoS software module called "Guarantee of Service" (GoSTM). GoS controls loss and delay simultaneously and delivers multiple real-time classes of service with predictable, differentiated quality. GoS Agent is embeddable software that can be deployed in any smart fixed, mobile or M2M device, such as:

- Mobile Broadband 3G / HSPx Dongles
- Mobile Handsets and tablets
- Personal Computers
- Multi Service Access Gateways
- M2M devices and gateways

GoS Manager

The GoS Manager is a centralised service level manager that enables 2-way communication with all GoS Agents deployed across different client devices.

It is deployed on standard, COTS platforms and comes with a standards-based OSS / BSS / PCRF interface for integration with existing policy control and management systems.

GoS Manager monitors and measures traffic at the Agent device and enables instant reconfiguration of individual devices based on their current link and application utilisation and service provider policy rules.

Its user-friendly GUI provides simple administration access for a range of functions:

- Measuring
- Monitoring
- Configuration
- Reporting

Key Benefits

- Gain complete visibility and control of user traffic from the client device
- Dynamically enforce congestion management locally on device
- Integrated with network-based Policy Control and management systems
- Enhance and complement network-based PCEF solutions
- Deliver application and user specific policies to client devices
- Manage signalling traffic locally on device
- Implement, manage and enforce dynamic offload policies
- Assure and protect revenue generating services
- Manage upstream traffic before it reaches the network
- Identify and implement business opportunities and customer packages
- Save OPEX through simplified provisioning, improved diagnostics and reduced support costs
- Save CAPEX deferring capacity investments and reducing over-provisioning
- Launch differentiated services backed by reliable & predictable QoS / QoE
- Enforce policies across an entire network
- Confidently upsell measurable SLAs
- Reduce churn rates through consistent quality

Key Features

- Scalable and flexible deployment model
- Compatible with any existing network configuration
- Compatible with 3GPP / TISIPAN Policy architecture and frameworks
- Integration with OSS / BSS, PCRF and ANDSF infrastructure
- Alarm and trend reporting
- Simple reconfiguration of end points
- Centralised and secure remote management
- LAN diagnostics and link bandwidth measurements
- Granular measurement of QoS at the network boundary
- DPI and Layer 7 application identification

Technical specifications

Bandwidth control

- Guaranteed bandwidth
- Enforced bandwidth limits
- Reuse of unclaimed bandwidth
- Automatic and on-demand measurement of up / down link rate

Quality classes

- Nine quality classes for prioritized real-time traffic
- One Best Effort class
- Up to 128 bandwidth partitions per class

Utilization

- Fills link to 100%; 90% of link bandwidth available for priority traffic

Loss/ delay control

- Independent control of loss and delay priority
- Predictable loss and delay behaviour under saturation

Interoperability

- Interoperable with common network technologies such as routing, firewall, VPN, compression, etc.
- Compatible with network standards, such as DiffServ (RFCs 2474, 2475, 2596, 3246)

Monitoring

- Flexible end-point grouping and selection
- Clear charting of QoS parameters
- Bandwidth per application

Optimise Network Performance to Generate Maximum ROI

GoS 360° has been deployed at scale by major vendors and service providers, generating significant CAPEX savings and improving user experience through the application of intelligent policy management for service monitoring, control and network protection.

GoS technology is patent protected and has been independently verified.



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