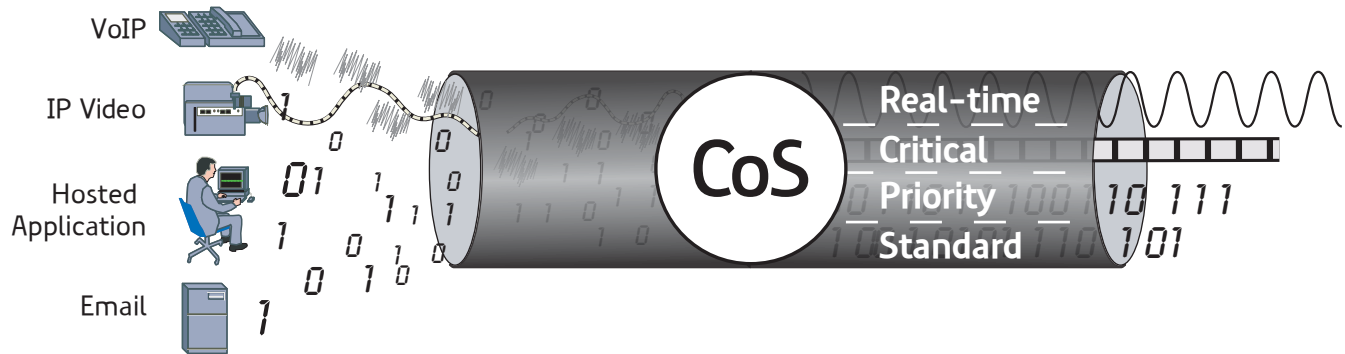


## Class of Service (CoS)

### Intelligent network management



Today's dynamic, knowledge-based enterprises are reliant upon the rapid and cost-effective delivery of multiple IT applications. However, when application demands exceed network bandwidth availability, critical real-time traffic will often be delayed or disrupted because of the resources consumed by less time-sensitive applications. This drains valuable IT resources from both a cost and efficiency perspective.

To address this problem, Reliance Globalcom offers Yipes Class of Service (CoS), which allows enterprise network managers to prioritize multiple competing traffic classes to ensure high service levels for performance-sensitive application traffic. The Yipes CoS feature accomplishes this by allowing network managers to assign traffic for each application to one of four classes: *Real-time*, *Critical*, *Priority* and *Standard*. In a standard implementation these might correspond to the following enterprise applications in order: voice, video, hosted applications and email.

Frequent applications of Yipes CoS include:

**Remedy contention on the network access link** – In stark contrast to other providers' networks on which oversubscription is commonplace, Reliance Globalcom employs a "no over-subscription" policy on its backbone network. The Yipes CoS feature is effective at managing contention on the enterprise network edge.

**Prevent choppy VoIP or IP video** – Yipes CoS can be employed to ensure high quality of service to voice and video applications that are highly sensitive to network latency and jitter.

#### **Increase the efficiency of provisioned bandwidth –**

The Yipes CoS feature allows network managers to optimize network resources by provisioning bandwidth when and where it is needed to cost-effectively support enterprise demands. Infrequent instances of contention can be intelligently addressed by specifying parameters that ensure performance of business-critical applications.

#### **Eliminate the need for the internal deployment of more complex schemes –**

Reliance Globalcom offers a fully-managed Ethernet-based service that is both scalable and simple to support. Reliance Globalcom's services offer the same capabilities as the most sophisticated network schemes, without the support challenges.

#### **Improve the performance of a global enterprise network deployment –**

Reliance Globalcom was the first facilities-based carrier to offer CoS over a global Virtual Private LAN Service (VPLS) based network. The CoS feature can be deployed in any location served by Reliance Globalcom, whether international or domestic.

#### **CoS Feature Availability**

Yipes CoS is available with its Managed Metro Ethernet, Managed WAN Ethernet and Managed WAN VPLS services. All of these are provisioned over Reliance Globalcom's global VPLS-based network, which provides the reliability, security and ease of use of Ethernet with the scalability, multipoint-to-multipoint support and resiliency features of MPLS.