



## U4EA's Patented Guarantee of Service (GoS™)



### Advanced QoS in the Multi-Service Business Gateway is Crucial for VoIP and Video

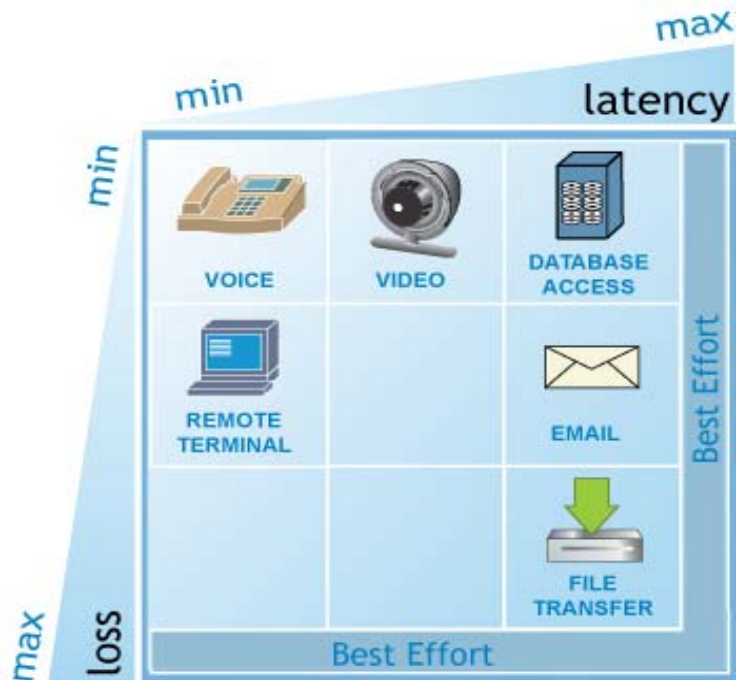
The LAN/WAN boundary is a severe congestion point in today's IP networks. The disparity between available WAN bandwidth and network loading on the LAN causes most end-to-end quality degradation to be concentrated at the access point between these networks. End-to-end quality for VoIP and video conferencing over IP is a game that is won or lost at these choke points.

Best of class QoS, such as U4EA's GoS (Guarantee of Service), is needed in the Business Gateway to ensure that mission-critical real-time applications function reliably and with high quality.

While both voice and video are sensitive to delay, they have differing packet loss and bandwidth needs. Running these applications together over a converged IP network, therefore, requires a new approach to application prioritization. The future-proof nature of U4EA's GoS, with multiple quality classes, guarantees the best voice, video, and data convergence and delivery.

#### GoS Highlights

- ~ Automatically detects and correctly prioritizes VoIP and Video traffic
- ~ Delivers an advanced packet scheduling mechanism designed for convergence
- ~ Provides true Quality of Service for multi-media applications
- ~ Delivers efficient utilization of bandwidth (unlike other approaches, GoS fills 100% of the link while enforcing QoS)
- ~ Ensures real-time traffic without requiring over-provisioning
- ~ Guarantees application performance, even under network saturation
- ~ Provides easy configuration (no complicated guesswork to find the right configuration)
- ~ Ensures reliable carrier-class voice



Traditional QoS mechanisms are not well designed for convergence and fail as they can only prioritize a single application over the rest of the network traffic. GoS goes beyond simple prioritization, simultaneously controlling both loss and delay requirements ensuring QoS for every application.

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