

# HSIA network traffic management

Hotel guests require high quality internet services. **Advanced Network Technology Laboratories'** latest bandwidth and traffic management innovation will provide hotels with a range of tiers to suit the varying requirements of their guests.

**H**igh-speed internet access (HSIA) is a given these days, and most hoteliers are under pressure to provide a high-quality internet experience for conference and premium customers, often offering it as a complimentary service as a marketing advantage. In some cases it is used as a critical service for attracting guests.

More hotels require traffic management capabilities (such as quality of service (QoS), guaranteed bandwidth and application traffic shaping, which requires a separate and often expensive, enterprise-grade traffic management solution.

## Bandwidth breakthrough

Until now, HSIA networks and access gateways have had only minimum bandwidth control features. In January 2011 ANTLabs will release the Multi-Tier QoS optional module for its InnGate3 HSIA gateway. This is yet another innovative breakthrough in the area of bandwidth and traffic management for the company's gateways.

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The module is available at a fraction of the cost that hotels would spend in other separate specialised equipment – if available at all. The module allows the hotel to define different QoS internet bandwidth tiers for their HSIA network.

- The Guaranteed Tier allows for provisioning guaranteed bandwidth to events, seminars and conferences, as well as for special requests. This tier has the highest priority, and up to five guaranteed bandwidth classes can be defined.
- The Premium Tier with Application Traffic Prioritisation offers a differentiated (higher priority) and paid HSIA



With ANTLab's Multi-Tier QoS, hotel guests can look forward to an internet service that suits their needs.

service. This is suitable for assigning paid guests or VIPs the best QoS. It also allows application traffic shaping to prioritise or suppress traffic such as web, mail, VPN, streaming, IM, VOIP, FTP and P2P. Excess bandwidth from the other tiers can still be used if available during off-peak usage.

- The Complimentary Tier provides a free and best-effort HSIA service. It has the lowest priority and offers a best-effort internet bandwidth allocation. It is suitable for assigning to non-paying guests who require simple internet access.

Each tier's allocated bandwidth is equally distributed to users to further streamline the internet experience. Particular benefits for hotels include reusing existing internet bandwidth to resell guaranteed bandwidth services to companies and conference guests – currently, it is difficult to provide an impromptu guaranteed bandwidth.

The hotel can offer a basic complimentary HSIA service, which is good enough for most guests. It also provides an option for guests to pay for a premium best quality HSIA service for a differentiated user experience. This new innovation will be available only on the ANTLabs E-Series InnGate3. ■

## Further information

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