

# VoIP Gateway Series

## QoS Service Overview



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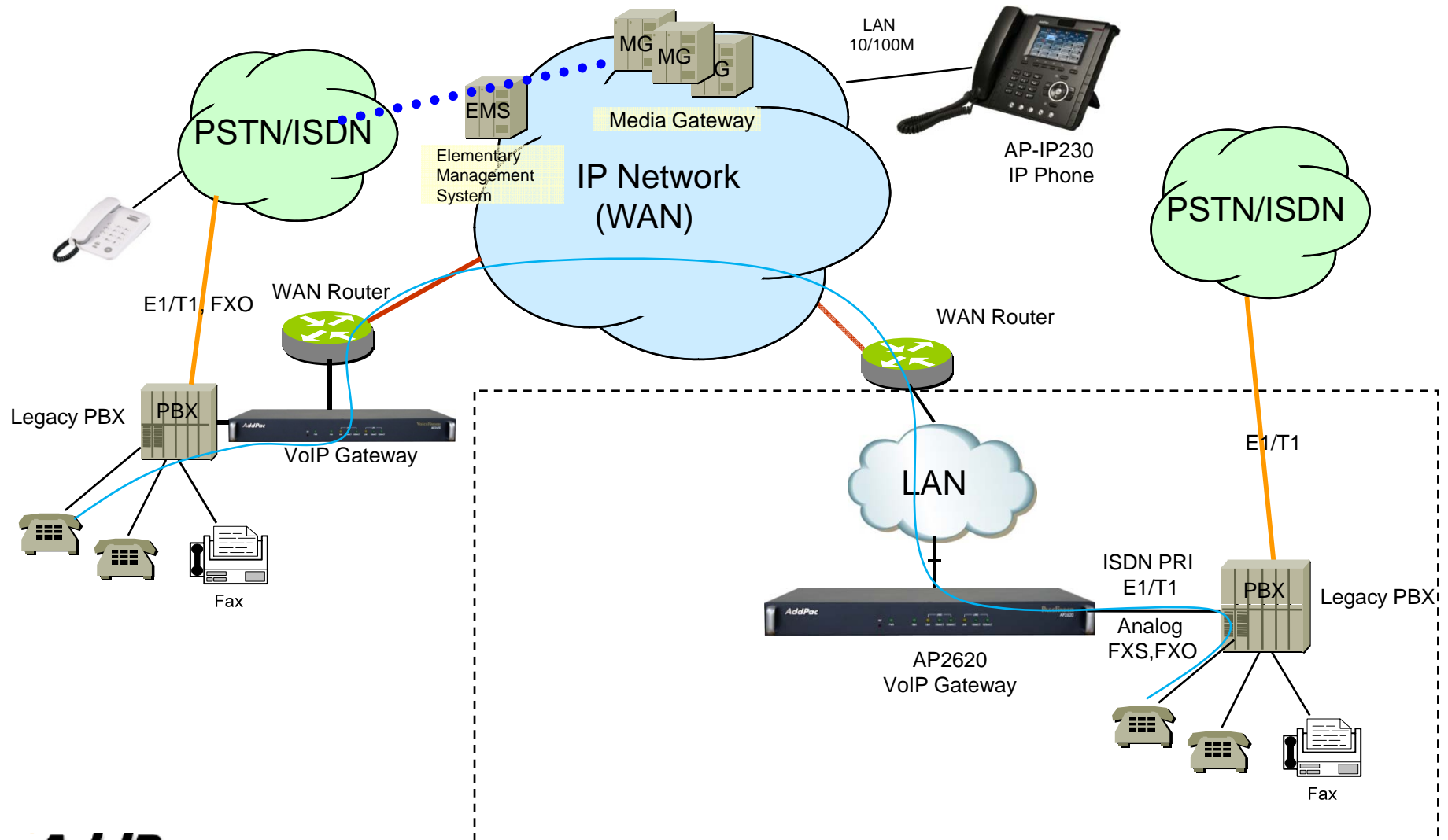
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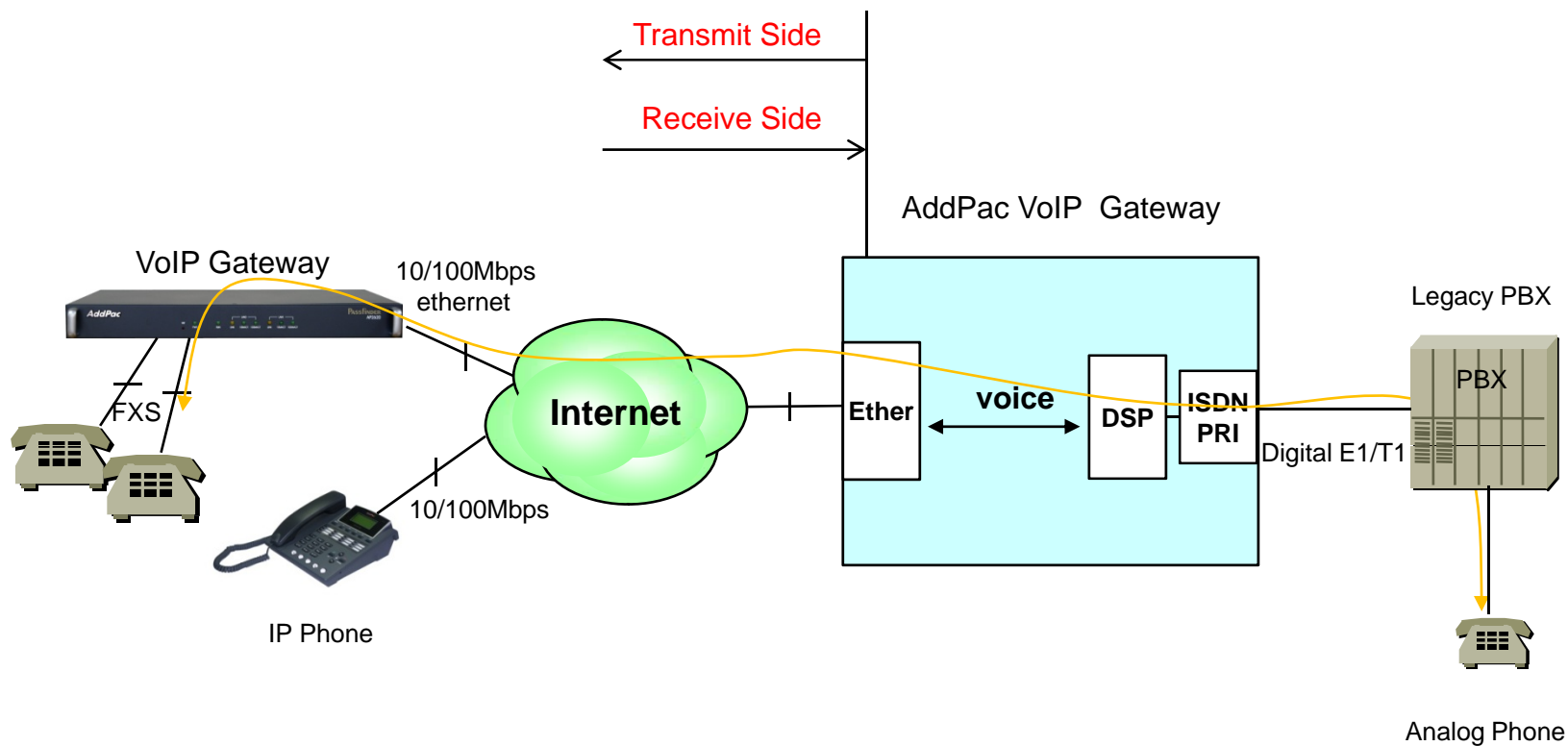
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# Network Diagram



# Network Diagram



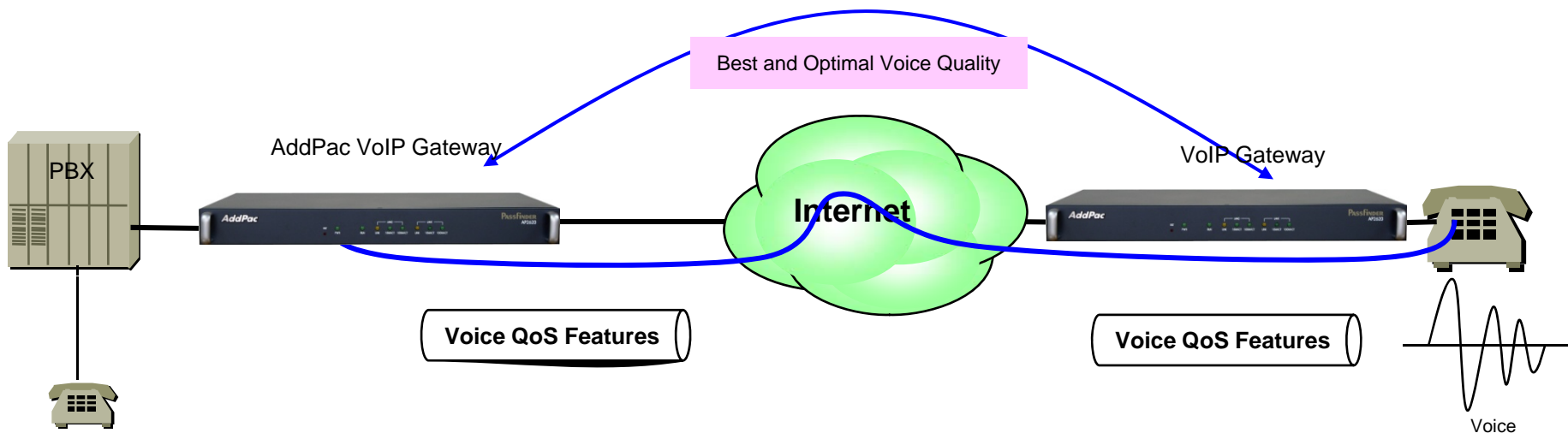
# Advanced QoS Features

- Enhances **Transmit** Voice QoS Features

- Voice Traffic Priority Queuing
- QoS Service Profiling
- Providing Virtual Network Transmit Algorithm
- Real-time Voice Traffic QoS Support
- RTP Packet Transmit Interval Control
- Supporting RTP Packet Redundancy Scheme
- IP Header Control such as ToS, Diffserv

- Enhances **Receive** Voice QoS Features

- Dynamic Jitter Buffer Management
- Error Concealment

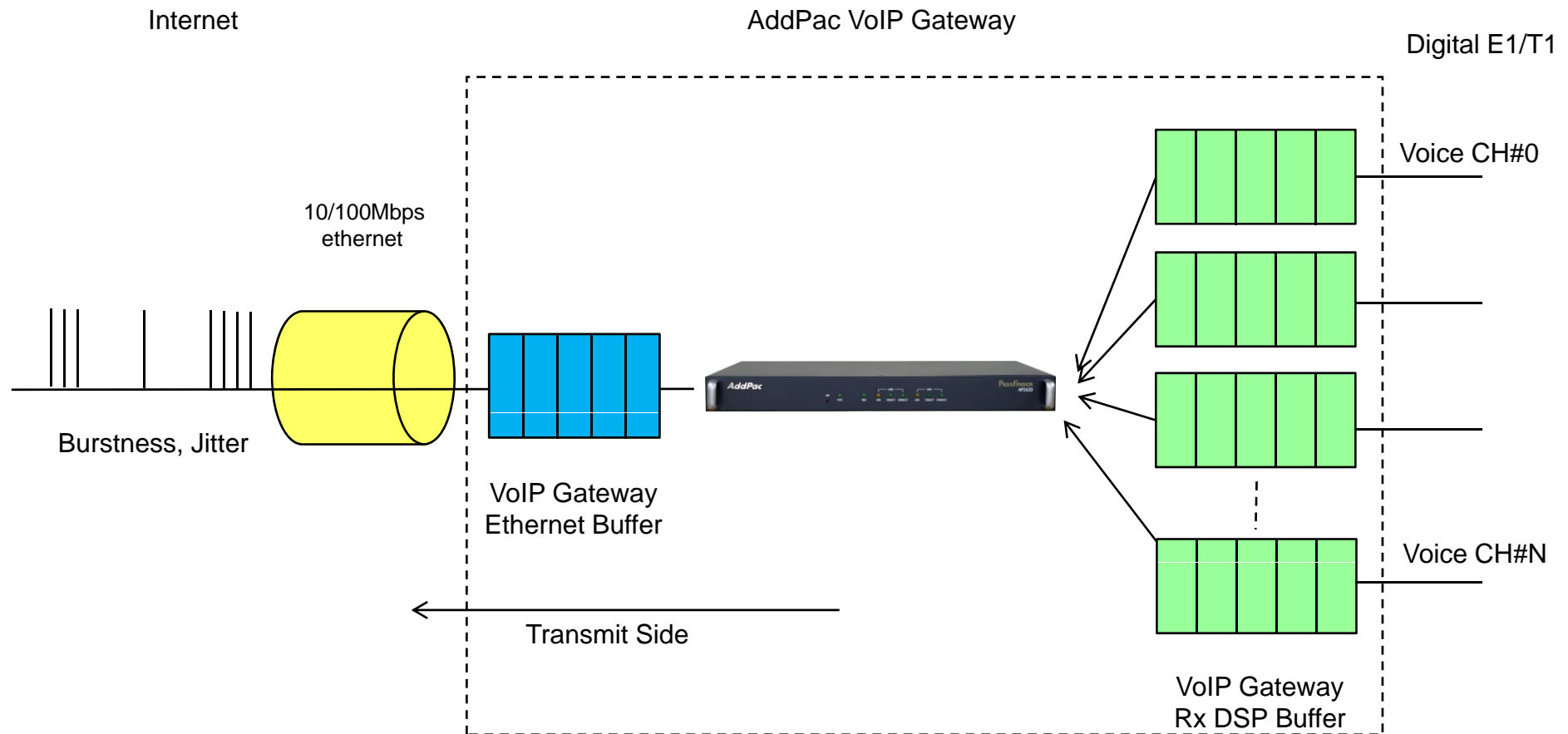


Analog Phone

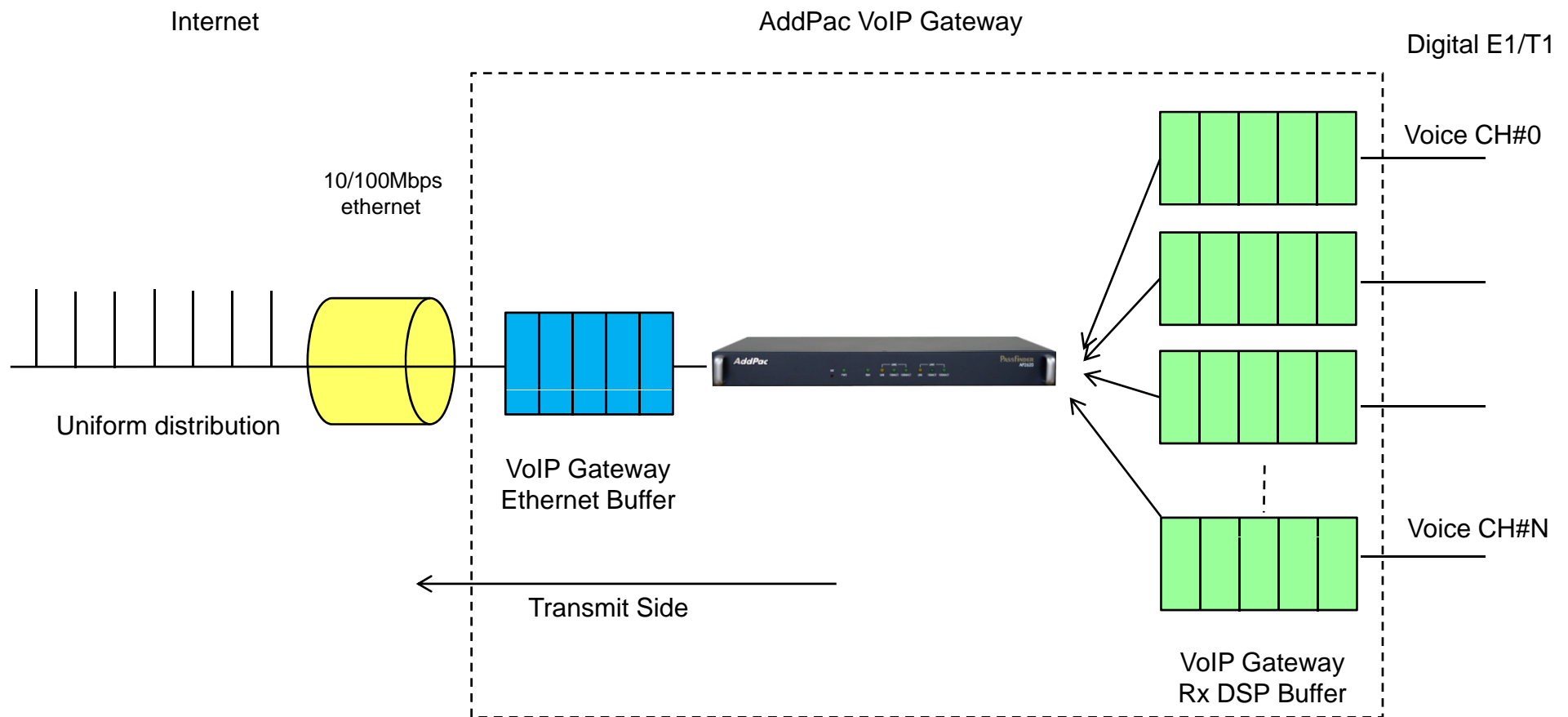
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# Packet Transmit (Before QoS enable mode)



# Packet Transmit (After QoS enable mode)



# CLI for Ethernet interface QoS

Welcome, APOS(tm) Kernel Version 8.51.002.  
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User Access Verification

Login: **root** ← Login

Password:

MG3000\_251> **enable** ← QoS Mode Enable

MG3000\_251# **configure terminal** ← Global configuration

MG3000\_251(config)# **interface FastEthernet0/0** ← Fast Ethernet 0/0 interface configuration

MG3000\_251(config-if)# qos-control

<48-30000> Qos bandwidth (Kbps)

<cr>

MG3000\_251(config-if)# qos-control 2048

<50-2000> Qos packet transmission rate (Packet Per Second)

<cr>

MG3000\_251(config-if)# qos-control 2048 2000

<cr>

MG3000\_251(config-if)# **qos-control 2048 2000** ← QoS Command



# VoIP Gateway Series

# Thank you!

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