PLATFORMS COMPARISON

	Layer 3	Layer 3 Lite	Layer 2 +	OS2	OS1
	OS4 / OS3				
Unicast Routing: RIP v1/v2	●				
Multicast Routing: DVMRP	●				
Hardware NAT: Static NAT (OS4 only)	●				
Hardware NAT: PAT (OS4 only)	●				
R-NAT** (OS4 only, built-in IEC 61375-2-5)	●**				
Multicast Routing: PIM (DM)	●	●			
Multicast Routing: PIM (SSM)	●	●			
Multicast Routing: PIM (SM)	●	●			
Multicast Routing: PIM (BSR)	●	●			
Unicast Routing: OSPF	●	●			
VRRP (RFC3768)	●	●			
VLAN routing	●	●			
Static Route	●	●			
Rescue Mode	●	●			
TTDP (IEC 61375-2-5)**	●**	●**			
IP based port	●	●			
Static Unicast Routing	●	●			
DHCP pool with per VLAN	●	●			
DHCP for TTDP**	●**	●**			
PTP** (OS4 only)	●**	●**			
Prevention of DDoS/DoS attack	●	●	●		
Dynamic ARP Inspection	●	●	●		
IPSource Guard	●	●	●		
Port Security	●	●	●		
Remote admin-IP security (25)	●	●	●		
MRP	●	●	●		●
Protocol Based	●	●	●		
Subnet Based	●	●	●		
MLD Snooping	●	●	●		
Port Monitoring	●	●	●		
PXE application	●	●	●		
IP v6 DHCP Server (Basic)	●	●	●		
Dual Image	●	●	●		
ARP inspection	●	●	●		●
BPDU Guard	●	●	●		●
QinQ	●	●	●		●
Remote admin (limitation of accessing way)	●	●	●	●	●
GVRP	●	●	●	●	●
SSL	●	●	●	●	●
Login Security (TACACS+)	●	●	●	●	●**
Login Security (RADIUS)	●	●	●	●	port authentication only
Dual Homing	●	●	●	●	●
SSH	●	●	●	●	●
CDP	●	●	●	●	●
Topology View	●	●	●	●	●
Environment Monitoring	●	●	●	●**	●**
MSTP	●	●	●	●	●
Loop Protection	●	●	●	●	●
IGMP router port	●	●	●	●	●
GMRP	●	●	●	●	●
VLAN based QoS	●	●	●	●	●
MAC based DHCP	●	●	●	●	●
Option82 DHCP Relay	●	●	●	●	●
Option 7/66	●	●	●	option 66 only	option 66 only
DHCP Snooping	●	●	●	●	●
Digital Input/ Output	●	●	●	●	●
Triggered by event of environment	●	●	●	●**	●**
Triggered by event of SFP DDM	●	●	●	●	●
Ping	●	●	●	●	●
ARP	●	●	●	●	●
QoS under 61375-3-4	●	●	●	●	●
Proprietary redundant protocol	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ITU-Ring Enhance mode	ITU-Ring Enhance mode
ACL	Ingress only	Ingress only	Ingress only	Ingress Only	●
SNMP Trap	●	●	●	●	●
Firmware upgrading	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP
Configuration file import/export	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP	WEB/TFTP/FTP
G.8032 standard					●
Auto Provision					●