Security Product Selection Matrix

Model	LAN Port	WAN Port	DMZ Port	10/100/1000Base-T User-Configurable Port	SFP User-Configurable Port	Firewall Throughput	VPN Throughput	Concurrent Sessions	No.of Policies	Instrusion Prevention System (IPS)	Anti-Virus (AV)	Web Content Filtering (WCF)	OSPF	High Availability	Zone - Defense
DFL-210	4	1	1	0	0	80 Mbps	25 Mbps	12,000	500	✓					
DFL-800	7	2	1	0	0	150 Mbps	60 Mbps	25,000	1,000	✓			✓		✓
DFL-1600	0	0	0	6	0	320 Mbps	120 Mbps	400,000	2,500	✓			✓	✓	✓
DFL-2500	0	0	0	8	0	600 Mbps	300 Mbps	1,000,000	4,000	✓			✓	✓	✓
DFL-160	4	1	1	0	0	70 Mbps	25 Mbps	6,000	300	✓	✓	✓			
DFL-260	4	1	1	0	0	80 Mbps	25 Mbps	12,000	500	✓	✓	✓			
DFL-860	7	2	1	0	0	150 Mbps	60 Mbps	25,000	1,000	✓	✓	✓	✓		✓

D-Link E2ES (End-to-End Security) Solution

Networks today face numerous internal and external security threats.Comprehensive solution to protect against such threats is therefore of utmost importance. D-Link E2ES (End-to-End Security) provides total network defense through comprehensive end-to-end security combining Gateway, Endpoint and Joint Security Solutions.
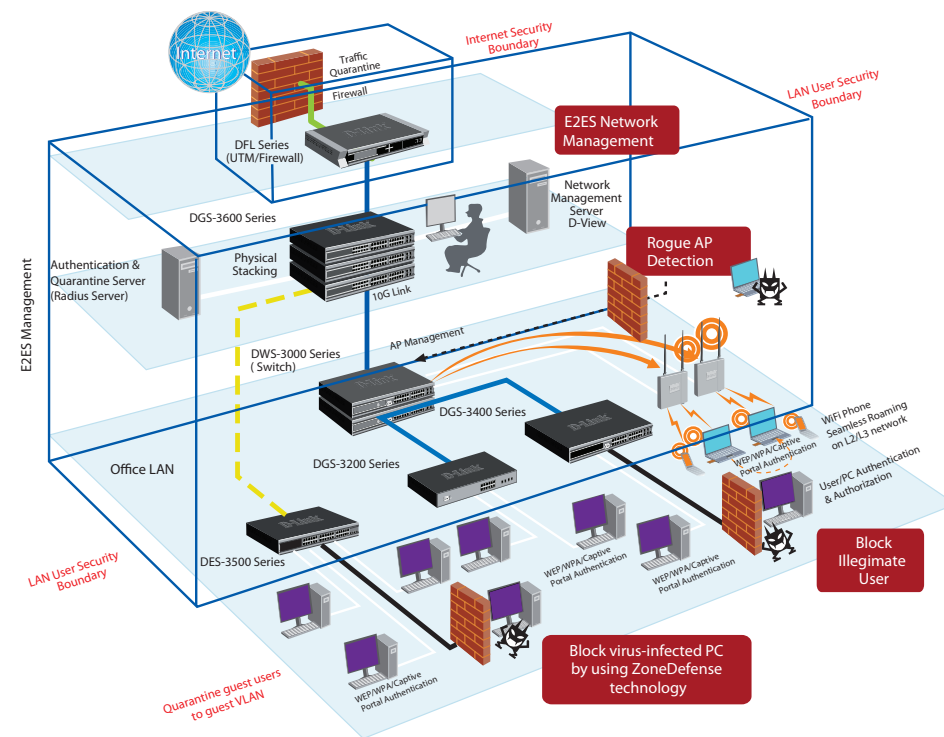
Gateway Security Solution

Together with D-Link NetDefend Firewalls, this solution provides protection of the network at the gateway or WAN security level by identifying and blocking security threats such as intrusions and virus attacks from outside the network.

Endpoint Security Solution

This solution brings network security nearer to the end users in providing endpoint security which handles authentication, authorization, node address control, traffic control, and attack mitigation to protect against unauthorized access, prevent loop connections, mitigate worm attacks and avoid rogue IP.

Joint Security Solution

This solution enables working together with third party to provide sophisticated security policy enforcement. With D-Link ZoneDefense, the firewall will inform the switch to terminate the port with illegitimate traffic upon detection, and with Microsoft NAP, form a complete network quarantine system to enforce computer health policies where non-compliant computers will be diverted to a restricted network to help them acquire the necessary updates for compliance before their next attempt at admission.

ADSL2/2+ chassis IP DSLAM DAS4 series

IP-DSLAM is an extremely cost-effective application delivery solution ideal for numerous network topologies. It enables traditional services including email, Internet access, file transfer, and VoIP telephony. It provides an ideal platform for launching new IPbased services and application bundles. Triple play service delivery, combining a variety of video and entertainment services with broadband access and IP voice becomes possible in an all-IP deployment scenario based on the IP-DSLAM. This latest generation IP-DSLAM represents a strategic investment in applications that deliver today and well into the future.

ADSL2/2+ IP DSLAM DAS3 series

D-Link 16, 24 and 48-port IP-based DSL Access Multiplexer provide ADSL access to CPE (consumer premise equipment) ADSL modems/routers at the subscriber side. DSLAMs connects to the network service provider's network through its Ethernet interface. Using the latest ADSL/ADSL2/ADSL2+ technology, IP DSLAMs provide carriers a very cost-effective solution to offer their subscribers with features such as bandwidth management, traffic prioritization and data flow security control.

| DAS-4672DC | 14 Slots for I/O modules | 2 Slots for CPU Modules | DC Power Supply terminals | Redundancy CPU Modules |

672-Port ADSL/ADSL2/ADSL2+ IP DSLAM

- SNMP
- QoS
- Up to 8 VC
- Q-in-Q
- IGMP Proxy v2/v3
- IGMP Snooping v2/v3
- DHCP Option 82
- PPPoE intermediate Agent
- Packet filters
- Multicast VLAN
- Link Aggregation
- L2 ACL

I/O modules:
DAS-4672-20 – Subscriber Line Card, 48 ADSL ports
DAS-4672-40 – Splitter Card, 48 ADSL ports, 48 POTS
CPU modules:
DAS-4672-10 – Network Control Card,
2-SFP (1 Gigabit) Uplink ports, 1-10/100BaseT
Management port, 1-RS-232 console
Other accessories:
DAS-4672-30 – Line Card/Splitter Card Dummy Panel
DAS-4672-50 – Network Card Dummy Panel
AC/DC External Power Supply:
RSP-1000-48 - External power supply for DAS-4672
(DC output 48V, 21A, 1008W)

| DAS-4192DC | 4 Slots for I/O modules | 1 Slot for CPU Module | DC Power Supply terminals |

192-Port ADSL/ADSL2/ADSL2+ IP DSLAM

- SNMP
- QoS
- 8 VC per port
- Q-in-Q
- IGMP Proxy v2/v3
- IGMP Snooping v2/v3
- DHCP Option 82
- PPPoE intermediate Agent
- Packet filters
- Multicast VLAN
- Link Aggregation
- L2 ACL

I/O modules:
DAS-4192-20 – Subscriber Line Card, 48 ADSL ports Annex A
DAS-4192-40 – Splitter Card, 48 ADSL ports Annex A, 48 POTS
DAS-4192-21 – Subscriber Line Card, 48 ADSL ports Annex B
DAS-4192-41 – Splitter Card, 48 ADSL ports Annex B, 48 POTS
CPU modules:
DAS-4192-10 – Network Control Card, 2-SFP (1 Gigabit)
Uplink ports, 1-10/100BaseT Management port,
1-RS-232 console
Other accessories:
DAS-4192-30 – Line Card/Network Card Dummy Panel
DAS-4192-50 – Splitter Card Dummy Panel
DAS-4192-60 – Splitter Chassis for 4 Splitter Modules
DAS-CB1 – 25-pair cable with two Centronic connectors
(male <> male) for DAS-4192DC<-->DAS-4192-60
AC/DC External Power Supply:
SP-320-48 - External power supply for DAS-4192
(DC output 48V, 6.7A, 321.6W)

| DAS-3216/16DC | Built-in splitters | 19" Rackmount |

16-port ADSL/ADSL2/ADSL2+ IP DSLAM 2x 10/100/1000BASE-T Uplink ports

DAS-3216 – AC Power Terminal
DAS-3216DC – DC Power Terminal

- SNMP
- QoS
- 8 VC per port
- L2 ACL
- Packet filters
- IGMP Snooping v1/v2/v3
- DHCP relay Option 82
- PPPoE intermediate Agent
- Multicast VLAN
- Link Aggregation

| DAS-3224/24DC | Built-in splitters | 19" Rackmount |

24-port ADSL/ADSL2/ADSL2+ IP DSLAM 2x 10/100/1000BASE-T Uplink ports

DAS-3224 – AC Power Terminal
DAS-3224DC – DC Power Terminal

- SNMP
- QoS
- 8 VC per port
- L2 ACL
- Packet filters
- IGMP Snooping v1/v2/v3
- DHCP relay Option 82
- PPPoE intermediate Agent
- Multicast VLAN
- Link Aggregation

| DAS-3248/48DC | Built-in splitters | 19" Rackmount |

48-port ADSL/ADSL2/ADSL2+ IP DSLAM 2x 10/100/1000BASE-T Uplink ports

DAS-3248 – AC Power Terminal
DAS-3248DC – DC Power Terminal

- SNMP
- QoS
- 8 VC per port
- L2 ACL
- Packet filters
- IGMP Snooping v1/v2/v3
- DHCP relay Option 82
- PPPoE intermediate Agent
- Multicast VLAN
- Link Aggregation