

# WAN and LAN Network Features

[selinc.com/products/comparisons/wan-and-lan-network](https://selinc.com/products/comparisons/wan-and-lan-network)

■ Standard feature

	SEL ICON	SEL-3620	SEL-3622	SEL-2725	SEL-2731	SEL-2741	SEL-2742	SEL-2743	SEL-2744
<b>Applications</b>									
SONET and Ethernet WAN	■								
Ethernet LAN	■	■	■	■	■	■	■	■	■
E1 and T1 Transport	■								
Precise Time Distribution	■	■	■		■	■	■	■	■
Engineering Access Control		■	■		■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>
Connect Multiple Wired-Ethernet Devices to Network	■			■	■	■	■	■	■
Convert Wired 10/100BASE-T Ethernet to Fiber-Optic 100BASE-FX Ethernet	■	■	■	■	■	■	■	■	■
Convert Serial Links to Ethernet Links		■	■						
<b>Features</b>									
Cryptography (Encryption and Authentication)		■	■						
User-Based Accounts	■	■	■		■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>
Centralized Authentication Via Lightweight Directory Access Protocol (LDAP)	■ <sup>3</sup>	■	■		■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>
Centralized Authentication Via Remote Authentication Dial-In User Service (RADIUS)		■	■						
Single Sign On (SSO)	■ <sup>3</sup>								
Deny-by-Default Firewall		■	■		■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>
Import/Export Configuration Files	■	■	■		■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>	■ <sup>2</sup>
VPN		■	■						
Syslog Logging	■	■	■		■	■	■	■	■
Network Management System (NMS) Software	■				■	■	■	■	■
GPS Receiver	■								
Power over Ethernet Plus (PoE+)							■	■	■
Real-Time Latency Monitor	■								
Spanning Tree Protocol (STP)	■	■	■		■	■		■	■
Rapid Spanning Tree Protocol (RSTP)	■				■	■		■	■
Multiple Spanning Tree Protocol (MSTP)	■								
VLANs	■	■	■		■	■	■	■	■
Ethernet Class of Service (CoS)	■				■	■	■	■	■

<sup>1</sup>Communication management for engineering access.

<sup>2</sup>SEL-5056 Network Management System (NMS) software, when using SDN technology, provides centralized authentication, user-based accounts, and import/export configuration files.

<sup>3</sup>SEL-5052 Network Management System Server Software provides LDAP centralized authentication and SSO for the ICON.

<sup>4</sup>Deny-by-default network access control.

# WAN and LAN Network Features, Continued

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	SEL ICON	SEL-3620	SEL-3622	SEL-2725	SEL-2731	SEL-2741	SEL-2742	SEL-2743	SEL-2744
<b>Ethernet Ports, Connector</b>	<b>Quantities</b>								
Copper 10/100BASE, RJ45	0–8 <sup>5</sup>	3	3	3 or 4	0–24 <sup>9</sup>	0–24 <sup>9</sup>	2–8	0–8 <sup>9</sup>	0–8 <sup>9</sup>
Fiber-Optic 100BASE, LC	0–8 <sup>5</sup>	2	2	1 or 2	0–24	0–24	0–6	0–8	0–8
Copper 1000BASE, RJ45	0–8 <sup>5</sup>				0–8	0–24	0–4	0–8	0–10
Fiber-Optic 1000BASE, LC	4 <sup>6</sup> /0–8 <sup>7</sup>				0–8	0–24	0–4	0–8	0–10
Fiber-Optic 10GE, LC									0–2
Small Form-Factor Pluggable (SFP) Cages	4 <sup>6</sup> /0–8 <sup>7,8</sup>				0–24	0–24		0–8	0–10

<sup>5</sup>SEL ICON Integrated Communications Optical Network has the option to support 8 copper and 8 SFP ports across two Ethernet Bridging Access Modules (EBAMs).

<sup>6</sup>SEL-8022-01 Enhanced Protected Line Module supports 2 fiber-optic Gigabit interfaces.

<sup>7</sup>SEL-8036-01 Ethernet Bridging Access Module supports 4 fiber-optic 100BASE-FX/Gigabit interfaces.

<sup>8</sup>SEL ICON uses SFP cages for SONET and GigE fiber-optic interfaces.

<sup>9</sup>The 10BASE ports are supported only over copper.