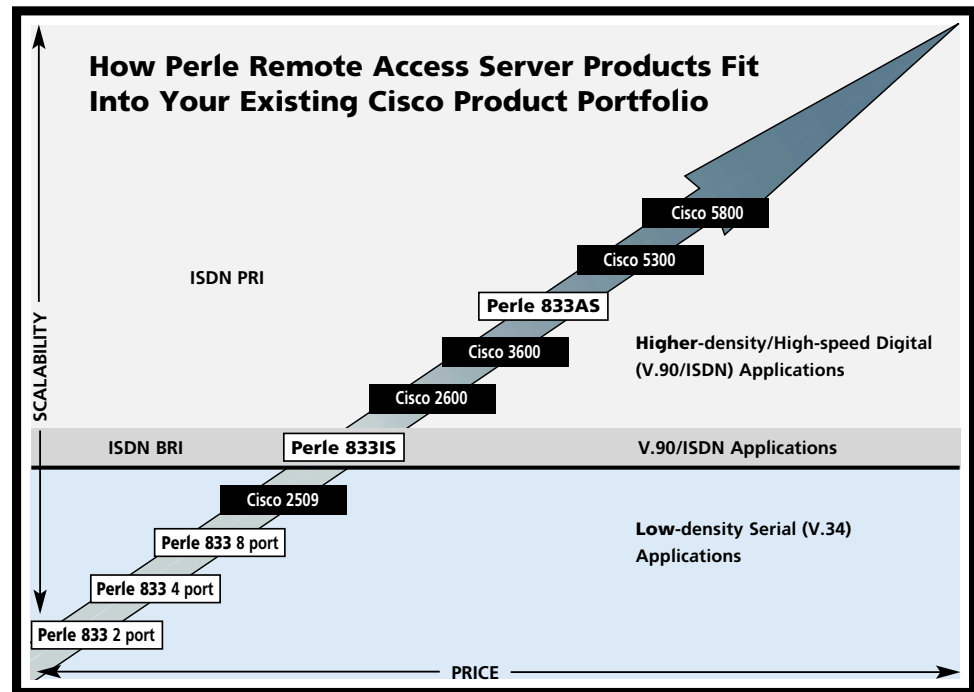


Complete Your Cisco Product Line With Perle 833 Series Access Servers



Dial-access Solutions

The Perle range of three feature-rich, broad-based, Access Servers complements the current Cisco product portfolio. It will help you provide your customers with a more comprehensive choice of high-performance RAS products to meet their dial-in, dial-out and LAN-to-LAN requirements. By filling the gaps in the Cisco range, Perle Access Servers will help you respond more flexibly and cost-effectively to specific customer requirements. And our Perle 833IS come with Cisco IOS-compatible configuration, so it fits seamlessly into your existing sales and support operations.

Perle Product Positioning

The Perle 833IS Remote Access Server

The Advantage: Offers high-speed (V.90 and/or ISDN) access across all ports, without the unnecessary expense of T1 lines.

The Customer: Enterprises needing support for 8 to 16 simultaneous remote users, requiring V.90 or ISDN support, using central site BRI connections.

The Product: The Perle 833IS is a higher-density Access Server, with Cisco IOS-compatible configuration. It supports analog and digital access on the same BRI ports at a central site. Integrated DSP modems support the V.90-56K standard, enabling enterprises to take advantage of today's fastest dial-access speeds.

The Cisco Offering: Cisco's 2600 and 3600 series only support V.90 and digital users across T1/PRI lines. Optional analog modems limit the user to V.34 support. And, although ISDN BRI cards are available, they confine digital users to a separate pool for ISDN calls only.



Essential Network Connectivity

The Perle 833AS Access Server

The Advantage: For customers who think big but want to start small. Cost-effective entry pricing and enterprise-appropriate scalability.

The Customer: ISPs and large enterprises who have an immediate requirement for a single T1/E1/PRI (with or without integrated DSP modems) with a future growth requirement for up to four T1/E1/PRI connections.

The Product: The Perle 833AS is a high-speed Access Server, it uses compact PCI® technology (for superior card connection), multi-processor architecture (to avoid packet processing bottlenecks) and dual, hot swappable power supplies (to ensure maximum up time). The Perle 833AS supports up to 120 V.92* or ISDN connections across 1-4 PRI pipes. DSP modem connections are expandable in 12, 18 or 24 modem increments.

The Cisco Offering: The Perle 833AS fits neatly between Cisco's 3600 and AS5300 offerings. For many customers, the AS5300 is too big starting at a minimum of 2 x T1/E1 (60 channels/modems). At the opposite extreme, the 3600 series ceilings out at the 2 x T1/E1 level, which in many cases, does not adequately provide for future growth.

The Perle 833 Remote Access Server

The Advantage: For customers implementing smaller serial applications who need a lower-cost/full-function remote access solution.

The Customer: Smaller departmental and workgroup applications.

The Product: The Perle 833 is a lower-density, serial application Access Server, which is available in 2, 4 and 8-port models.

The Cisco Offering: The Perle 833 slips into the entry-level gap that exists in the Cisco product portfolio for a low cost/low density RAS solution.

Dial Access Product Matrix

	Perle 833	Cisco AS2509-2512	Perle 83315	Cisco 2600	Cisco 3620	Cisco 3640	Cisco AS5200	Perle 833AS	Cisco AS5300	Cisco AS5800
Number of dial sessions	2,4,8	8,16	8,16	4-32	4-32	4-96	24-60	12-96	24-240	To 1440
Serial Async ports	2,4,8	8,16	No	4-32	4-32	4-96	No	No	No	No
Internal digital modems	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Integrated analog modems	External	External	No	Yes	Yes	Yes	No	No	No	No
BRI support	External	External	Yes	Yes	Yes	Yes	No	No	No	No
PRI support	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
T1/E1	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
T3	No	No	No	No	No	No	No	No	No	Yes
LAN support	Ethernet/TR	Ethernet/TR	Ethernet/TR/FE	Ethernet/TR/FE	Ethernet/TR/FE	Ethernet/TR/FE	Ethernet	Ethernet/TR/FE	Ethernet/FE	Ethernet/FE/ATM
E1 R2 support	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Redundant power	Yes, optional	Yes, optional	No	Yes, optional	Yes, optional	Yes, optional	No	Yes, optional	Yes, optional	Yes, optional
Hot swappable power	No	No	No	No	No	No	No	Yes	No	No
ISDN compression	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modem compression	External	External	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption	No	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes
V.110	No	No	No	No	No	No	Yes	No	Yes	Yes
V.120	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RADIUS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Netware Bindery Authentication	Yes	No	Yes	No	No	No	No	Yes	No	No
NT Domain Authentication	Yes	No	Yes	No	No	No	No	Yes	No	No
V.90 on BRI ports	No	No	Yes	No	No	No	No	No	No	No
V.92 on PRI ports	No	No	No	No	Yes	Yes	Yes	Yes*	Yes	Yes