



Array Networks SPX Series Universal Access Controllers (UAC) combine VPN and NAC functionality on a scalable architecture to connect authenticated users with authorized resources - anytime, anywhere. Supporting remote and local users over both fixed and wireless networks, and supporting multiple communities of interest on a single platform, SPX Series systems are the ideal choice for organizations seeking to cost-effectively drive productivity while maintaining stringent security.

■ Access. Security. Performance.

Access drives worker productivity, security ensures compliance and accountability, and performance enables these benefits across the organization – cost-effectively and with a premium end-user experience. With Array’s line of Universal Access Controllers you get it all: access, security and performance – the power of VPN and NAC – all on a single scalable, high-availability platform.

Moreover, SPX Series Universal Access Controllers are highly flexible, supporting multiple access products, a range of platforms and user license options, and as many communities of interest as your organization requires. With an Array UAC, IT managers can meet today’s specific access and security requirements while laying a foundation for expanded functionality as the need arises.



■ AccessDirect - Remote Access

AccessDirect is a remote access SSL VPN module available independently or in conjunction with other access products on all SPX Series platforms.

Designed to supercede legacy secure remote access VPNs, Array AccessDirect SSL VPN provides greater flexibility using ubiquitous Web-based access, more granular data protection through end-point security and identity-based access

control, and fewer deployment hassles with an architecture that requires no pre-installed clients and is transparent to existing infrastructure.

AccessDirect supports Web-based, Layer-3 and specific client-server and thin-client application access – and delivers a fast, customized end-user experience unmatched by the competition.



■ SiteDirect - Site Connectivity

Array SiteDirect is a site-to-site SSL VPN module available independently or in conjunction with other access products on all SPX Series platforms.

As opposed to traditional site-to-site VPNs, Site Direct provides more than simple Layer-2/3 LAN-to-LAN encrypted connectivity; it goes beyond to allow the publishing of specific subnets, servers and applications on a white-list basis – ideal for limiting network exposure or extending controlled access to Extranet partners.

Because SiteDirect does not need to force entire networks together, it mitigates issues such as duplicate IP spaces and routing conflicts. What’s more, unique automatic dual-NATing can make published resources appear to reside on remote networks - hiding sensitive network information.

Both hub-and-spoke and mesh architectures are supported via SPX platforms located at each peer.

SPX Series UAC Highlights

- **Broad range of secure access solutions from a single system** including remote access, remote desktop access and site-to-site connectivity
- **Network admission control (NAC) and resource access control for all users** whether local or remote, fixed or wireless
- **Multiple virtual SSL VPN communities of interest on a single system** for providing employees, partners and customers a separated, fully-customized experience
- **Scalability and performance to drive productivity** and a premium user experience across the organization while maintaining iron-clad security
- **Ideal access component for an overall business continuity plan**, maintaining compliance and keeping critical processes up and running in the face of un-anticipated events
- **Range of high-availability platforms** meet the needs of any size organization

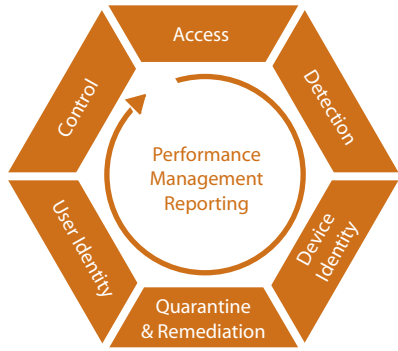


■ DesktopDirect - Desktop Access

Array DesktopDirect is an SSL-based remote desktop access module, available independently or in conjunction with other access products on Array SPX2000, SPX3000 and SPX5000 systems.

Employees can securely work at home or on the road as if they were sitting at their office desktop. With a simple click, the user’s remote PC or laptop becomes a terminal to their computer at the office – enabling seamless productivity.

Because applications run on the office computer, DesktopDirect eliminates the need to pay for and support multiple application environments. And in contrast to managed service solutions, security can be assured end-to-end while costs can be capped with a one-time purchase.



■ NAC in the Stack

Array SPX Series Universal Access Controllers are a comprehensive VPN, network admission control and resource access control solution.

Unlike solutions concerned only with local traffic, the Array SPX has the built-in ability to extend NAC functionality to remote and wireless users. Remote users request access and local users are detected; all users and devices are identified, quarantined and remedied where applicable; and identity-based access controls are applied with layer 7 granularity – on a platform with the performance, management and reporting capabilities to handle real-world deployments.

Leveraging Gigabit scalability and built-in NAC functionality, admission policies and application-level access control can be centralized on a single platform for all users and devices: internal, external, fixed and wireless. What's more, Array's unique overlay gateway approach delivers all the benefits of NAC – without deployment hurdles associated with widespread software installation or hardware replacement.

■ End-Point (Client) Security

A dissolvable security agent mitigates network or resource exposure by enforcing pre- and post-admission policies and adapting access rights to suit changes in the client environment. Host-checking verifies device and user identity, ensures clients meet pre-defined security parameters (anti-virus, anti-spyware, personal firewalls, patches, service packs, etc.) and determines adaptive policies. For additional control, cache cleaning can wipe cached information from devices when a session ends; or secure desktop may be enabled to store session data in an encrypted vault to prevent data leakage associated with local saving and printing.

■ Transit & Server-Side Security

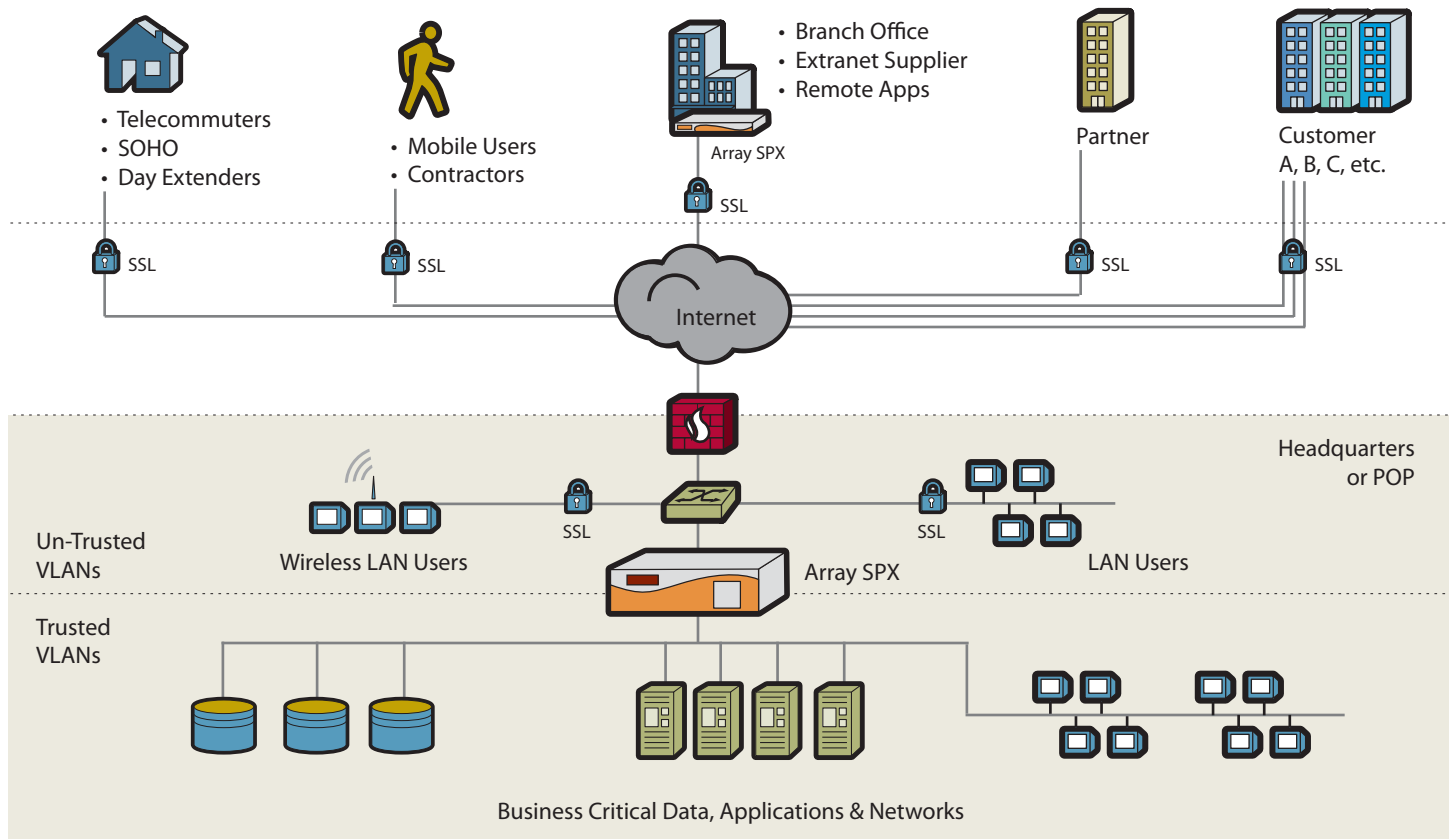
All traffic between clients and the Array Universal

Access Controller is encrypted over SSL. An integrated SSL VPN firewall, reverse proxy architecture and security-hardened OS ensure that SPX Series systems are as secure as the networks and resources they protect. Layer 2-7 authorization provides granular access control based on user identity and role within the organization, while comprehensive auditing tracks all activity on a per user, per event, and per resource level.

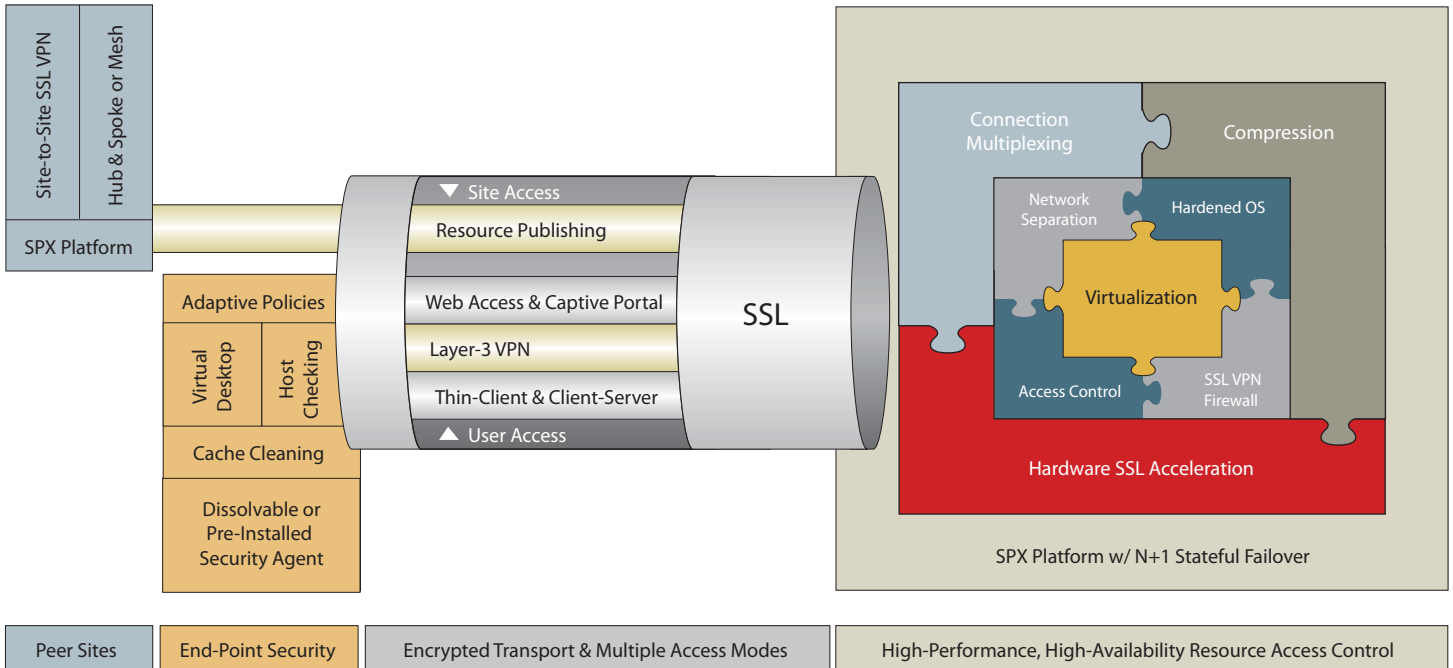
■ System-Level Virtualization

Array SPX Series Universal Access Controllers support up to 256 fully separate communities of interest on a single system - each independently manageable with its own security policies and each with its own unique look and feel. Secure portals and virtualization maintain separation on the front end, while VLAN association maintains separation on the back end.

From a single system, an enterprise can give customers access to public Web-based services, enable employee access for business-critical applications and extend Extranet connectivity to partners. Service providers can support up to 256 customers from a single system, dramatically reducing capital and operational expenditures.



Universal Access Controller



■ Performance & Scalability

With support for up to 64,000 concurrent users and 850 Mbps throughput on a single system while maintaining single-digit millisecond latency, the Array SPX Series is the highest performing most scalable secure access solution on the market – providing unbeatable ROI for global enterprises and service providers and unbeatable price-performance for organizations of any size.

■ Application Acceleration

Typically, layers of protection add to security at the expense of application performance; and no matter how sophisticated a VPN or NAC solution is, it won't enhance productivity unless users find it

fast and friendly. To this end, Array SPX Series Universal Access Controllers feature integrated application acceleration technology including hardware accelerated SSL encryption, hardware compression and connection multiplexing for putting servers in their power band. With the purpose-built Array SPX, the compromise between security and performance is eliminated once and for all.

■ Reliability & Availability

Deployed by the largest enterprises and service providers in the world, SPX Series Universal Access Controllers have proven their reliability – tallying up over five years of flawless performance in the most demanding of production network environments. In the event of failure, N+1 clustering with stateful failover utilizes fully-mirrored sessions to ensure an unaffected, transparent experience for end users.



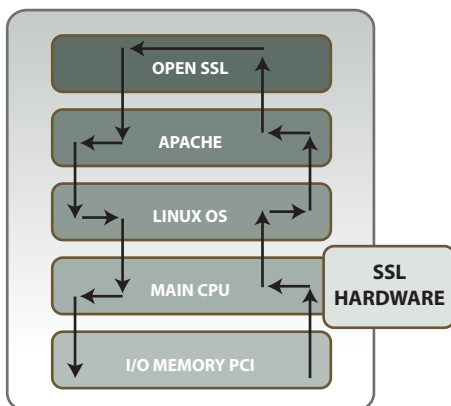
■ Array Business Continuity

Events such as hurricanes, snow days, transit disruptions and the threat of global terror or pandemics make the world and the workplace increasingly unpredictable. More than ever, organizations require solutions that keep their employees up and running in the face of unanticipated or seasonal events.

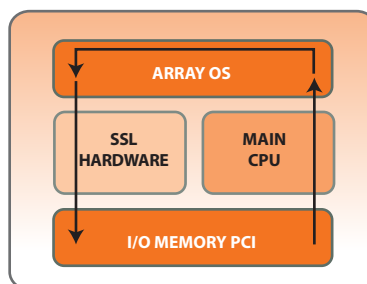
Array Universal Access Controllers are ideal for business continuity planning (BCP). Ubiquitous Web access means users can access from any device, anywhere. DesktopDirect enables new users to see their familiar work desktop and continue to be productive. Flexible BCP licensing options meet the requirements of any size organization. And most important, only Array BCP licenses self-activate – with no IT interaction.

■ Management & Reporting

Array SPX Series Universal Access Controllers offer both a familiar CLI and an intuitive Web user interface that can easily be customized to create streamlined, integrated management systems. Monitoring the Array SPX is made simple with SNMP-based monitoring tools, and with support for XML-RPC, a range of third-party applications can be used to automate management tasks.



General-Purpose SSL VPN



Array Purpose-Built UAC



SPX2000i

- Ideal choice for providing secure remote access in small to mid-sized business environments
- Platform of choice for creating hub and spoke site-to-site SSL VPNs, deployed as a cost-effective single peer spoke

SPX2000

- Comprehensive SSL VPN solution for mid-size business, deploy secure remote access and encrypted site-to-site connectivity on a single system
- Virtualization enables multiple user communities (employees, partners, customers, visitors) to be supported independently on a single system



SPX3000

- Enterprise-class secure access, scalable high-performance remote access and site-to-site SSL VPN for ROI and a premium end-user experience
- Network admission control and resource access control for employees, partners, customers and visitors - local or remote, fixed or wireless



SPX5000

- Secure access for the global enterprise and service provider, integrated remote access SSL VPN, site-to-site SSL VPN, NAC and business continuity
- Dual power, N+1 clustering w/stateful failover, HW compression, fiber and copper GigE, 64K users, 27 Gbps throughput, single-digit ms latency

		SPX2000i	SPX2000	SPX3000	SPX5000
AccessDirect	Secure Remote Access SSL VPN	(remote access pack only)	•	•	•
DesktopDirect	Remote Desktop Access		•	•	•
30-Day Certificates	Array Business Continuity	•	•	•	•
Peak Use Flex Plan	Array Business Continuity			•	•
SiteDirect	Site-to-Site SSL VPN	(spoke only)	•	•	•
NAC in the Stack	Network Access Control	•	•	•	•
FIPS				•	•
Max. Virtual Portals		5	50	256	256
Min. Concurrent Users		10	25	50	100
Max. Concurrent Users		100	500	2500	64,000
Min. Site-to-Site Peers		1	1	1	1
Max. Site-to-Site Peers		2	5	50	250
SSL Transactions per Second		800	800	2200	10,000
Maximum SSL Sessions		2000	4000	20,000	100,000
Throughput		50 Mbps	100 Mbps	300 Mbps	850 Mbps
Clustering		1+1	1+1	N+1	N+1
SSL Encryption		HW	HW	HW	HW
Compression		SW	SW	SW	HW
Ports		2 FE	2 FE	2 GigE	4 GigE
Form Factor		1U	1U	1U	3U
Power Supply		Single	Single	Single	Dual

Technical Specifications

Support	Bronze, Silver & Gold Level Support Plans	Dimensions	Array SPX2000/i 17" W X 15" D X 1.75" H or 1U Array SPX3000 17" W X 15" D X 1.75" H or 1U Array SPX5000 17" W X 23.5" D X 5.25" H or 3U
Warranty	1-Year Hardware; 90-Day Software	Weight	Array SPX2000/i/3000: 14 lbs; SPX5000 36.5 lbs
SPX2000/i Standards	2 Port 10 Base-T/100 Base-TX, IP, SecurID, SSL-TLS, HTTP 1.0/1.1, SNMP	Environmental	Operating Temperature: 0° to 40°C, Humidity: 0% to 90%, Non-condensing SPX2000/i/3000: 100-240VAC, 8-4 A, 63-47Hz, Auto-ranging SPX5000: 100-240VAC, 6 A, 50-60Hz, Auto-ranging, Redundant, Hot-swappable
SPX3000 Standards	2 Port 10/100/1000 Base-TX, IP, SecurID, SSL-TLS, HTTP 1.0/1.1, SNMP	Regulatory compliance	Emissions: FCC, ICES, VCCI, MIC, BSMI, AS/NZS 3548, Compliance EN 55022, EN 55024 Class A; EN 60950, UL 1950, CAN/CSA 950, NOM
SPX5000 Standards	10/100/1000 Base-TX, 1000 Base-SX, IP, SecurID, SSH, SSL-TLS, HTTP 1.0/1.1, SNMP	Safety	CSA, CE, UL
Management	SSH CLI, Direct Console CLI, SNMP, Single Console for Cluster, Array Pilot™ (Secure WebUI) for Array OS, XML-RPC		
Console port	Male DB9 Serial (RS232) Port		

