



vxAG DATASHEET

Virtual Secure Access Gateways

vxAG virtual secure access gateways enable secure access to business applications for remote and mobile workers and dynamic, flexible and elastic provisioning of secure access services.

Powered by Array's 64-bit SpeedCore® platform, vxAG virtual secure access gateways extend Array's proven remote and mobile access capabilities to virtualized data centers and public/private clouds. Combining the secure access features common to all AG Series products with the flexibility afforded by virtualized infrastructure, vxAG virtual secure access gateways enable dynamic pay-as-you-grow scalability and new elastic business models for both development and production environments. Able to support granular and differentiated secure access for diverse communities of interest and provide a premium user experience without compromising security,

Highlights & Benefits



- Anytime, anywhere secure access via Web, standalone or mobile clients for increasing employee, partner, customer and guest productivity
- Supports industry-leading virtual environments, and available on popular public cloud marketplaces such as AWS
- Simple, scalable and secure remote desktop module (add-on) that enables use of PCs and virtual desktops from any device in any location
- Secure mobile access for individual native and Web applications for supporting Bring Your Own Device (BYOD) or secure access from managed smart phones and tablets
- Controlled access for managed and un-managed devices and a range of operating systems and browsers
- Virtual appliances running on Array's AVX Series Network Functions Platform support up to 10,000 concurrent users and up to 3,200 Mbps throughput
- Virtual appliances running on general-purpose servers support from 300 to 10,000 concurrent users and from 100 to 500 Mbps throughput
- Up to 256 cross-platform, HTML5 secure access portals, customizable to the security and usability preferences of multiple tenants and communities of interest
- Range of access methods including Web, Layer-3, thin-client and client-server connectivity
- SSL encryption for data in transit
- Endpoint security including device-based identification, host-checking, cache cleaning and adaptive policies
- Per-user policy engine and a range of OAuth, SAML, AAA, one-time password and multi-factor authentication schemes for identity-based access to URLs, files, networks and applications
- Can serve as a SAML IdP for other security and networking devices
- Cross-platform support for a range of operating systems and browsers
- Array Business Continuity (ABC) contingency licenses for affordably supporting surges in remote and mobile access requirements
- Familiar CLI, intuitive WebUI and centralized management for ease of use and configuration
- Low-cost developer's license to tap into Array APIs to create the next generation of fully secure and containerized mobile applications

vxAG virtual secure access gateways are the ideal choice for enterprises and service providers seeking scalable and flexible secure access with the ability to support next-generation mobile and cloud applications and environments. vxAG virtual secure access gateways include all Array AccessDirect SSL VPN secure remote access features. Additional included capabilities include MotionPro™ for secure access to native and HTML5 apps, DesktopDirect™ for remote desktop access and support for ABC business continuity 'surge' licenses.

Integrated Secure Access

Array vxAG virtual secure access gateways integrate SSL VPN, remote desktop access and secure mobile access to deliver scalable and flexible secure access for both remote and mobile users.

From a single platform, secure access can be enabled for multiple communities of interest including employees, partners, guests and customers.

In addition, vxAG virtual appliances support next-generation "any-to-any" secure access via robust feature sets for bring-your-own-device (BYOD) and controlled access to cloud services.

SSL VPN Remote Access

SSL VPN secure remote access enables anytime, anywhere access to business applications – increasing productivity while maintaining security and compliance. Users need only a common Web browser to quickly and securely access resources and applications for which they are authorized.

Using SSL, the security protocol present in all Web browsers, vxAG virtual appliances can enable a range of remote access methods across a broad spectrum of managed and unmanaged devices.

Web applications can be made available within a secure Web portal, while network-level connectivity and connectivity for specific client-server applications over SSL can be enabled via a universally-compatible client.

Remote Desktop Access

Remote desktop access allows employees to access their work PCs and laptops from any location as if they were in the office. Using remote desktop, workers can control their physical and virtual office desktops from any remote location – whether they are at their home office, a customer or partner site or on a tablet or smart phone.

Remote desktop access is different from traditional VPN access. Because sensitive files and data never leave the corporate network and never reside on remote and mobile devices, security is assured.

Leveraging existing office PCs and unique Array remote desktop technologies such as user self-registration and wake-on-LAN, remote access and BYOD can be extended enterprise-wide in a manner that is both secure and cost-effective.

Secure Mobile Access

In addition to supporting remote desktop for iPhone, iPad and Android devices, vxAG virtual appliances also support secure access for native business apps and HTML5 apps developed for mobile environments.

After installing Array's mobile client on tablets and smart phones, native business apps can be authorized for specific users. HTML5 apps can be provisioned on a per-user basis and are accessible from a secure browser within the mobile client.

Mobile VPN connections may be enabled per application, and applications may be authorized per user at the administrator's discretion; moreover, all data associated with enterprise apps are stored in a secure container to prevent data leakage.

In the event that devices become lost or stolen, contents of the secure container may be remotely wiped; in addition, device-based identification may be used to prevent future connectivity to the Array appliance from lost or stolen devices.

Virtual Portals

Built on Array virtualization technology, vxAG virtual appliances can support up to 256 secure access HTML5 virtual portals to meet the unique needs of multiple user groups and tenants. Each HTML5 virtual portal is fully independent, with separate management, access policies, access methods and resources.

HTML5 portals do not depend on ActiveX or Java applets, and are compatible with all platforms, thus providing a unified experience for end users regardless of the platforms or browsers.

Built-in templates make creating virtual portals easy, and provide a starting point for further customization. In addition, features and functions can be seamlessly integrated into existing Web pages and custom layouts with minimal effort using Array portal theme technology.

Per-User Policy Engine

vxAG virtual appliances enable access policies on a per-user basis. In addition to validating hardware IDs, vxAG appliances check remote devices for required OS version, service packs and anti-virus/anti-spam/ anti-spyware/firewall software before granting access to protected networks and resources.

Roles may be assigned based on username, group name, source IP, login time and authentication method and can specify which resources are available to which access methods. Each role may be assigned different resources and QoS policies.

With capacity for up to 200,000 users in its local database, access policies can be stored on the Array appliance or can be provided via integration with external OAuth or AAA servers. In addition, Single Sign-On (SSO) settings can be customized to store multiple usernames and passwords for different back-end application servers.

Moreover, authentication may be set such that users must authenticate to multiple AAA servers for added security, in a manner similar to multi-factor authentication.

The vxAG also supports single sign-on (SSO). Working as a Security Assertion Markup Language (SAML) service provider (SP), the vxAG confirms users' identities and authorizations with an identity provider (IdP) to allow seamless access to multiple resources with a single login. SAML SSO streamlines the user experience while maintaining strong security. In addition, the vxAG can serve as a SAML identity provider (IdP) for other security and networking devices.

End-to-End Security

A dissolvable client-side 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, and ensures clients meet predefined security parameters (anti-virus, anti-spyware, personal firewalls, patches, service packs) and determines adaptive policies. For additional control, cache cleaning can be enabled to wipe cached information from devices when sessions end.

The vxAG supports multiple authentication methods to provide an additional layer of defense against unauthorized access and misuse of data and applications. The built-in one-time password (OTP) capability uses SMS to verify identities via users' mobile phones. Multiple 3rd party two-factor and multi-factor authentication products are also supported.

All traffic between clients and the Array virtual appliance is secured via SSL encryption, and a security-hardened OS ensures that Array appliances 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 and auditing tracks all activity on a per-user, per-event and per-resource level. URL blacklisting is also available to restrict access to undesirable Web sites.

For organizations with remote offices, branches or other operations, the AG Series supports Site2Site, a hub-and-spoke SSL VPN tunneling solution.

Acceleration & Availability

Security often comes at the expense of performance and ease-of-use; in other words, secure access won't enhance productivity unless users find it fast and friendly. To ensure both performance and security, vxAG appliances support integrated application acceleration features including connection multiplexing, SSL acceleration and compression.

In the event of a failure, Array N+1 clustering technology ensures a transparent and unaffected end-user experience.

Management & Reporting

vxAG appliances offer both a familiar CLI and an intuitive Web user interface that can easily be customized to create streamlined, integrated management systems. Monitoring 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.

Integration & Extensibility

Taking advantage of extensible APIs, IT can marry secure access intelligence with threat and risk management platforms, virtual management platforms, and custom solutions for reporting, billing, SLAs and vertical-specific requirements. Developers can also create custom native apps with built-in security for mobile environments. From providing real-time usage intelligence to seamlessly interacting with 3rd party secure access and application delivery technologies to integrating with cloud management systems, the power of vxAG APIs is unprecedented.

Array Business Continuity (ABC)

Secure access is a compelling technology for business continuity planning; however, many vendors require businesses to buy contingency licenses outright and most competing products are designed with only enough capacity to support the limited needs of day-to-day remote access.

Only Array has the scalability to support an entire workforce on a single system while maintaining a premium experience for each user. And because helpdesk calls are the last thing you need in an emergency, Array offers the unique ability for first time users to log into a company URL and immediately see their familiar work desktop.

Ten-day contingency licenses are available in increments from 25 to 10,000 concurrent users and are activated by exceeding a base concurrent user license.

Product Editions

vxAG virtual appliances support multiple options: AccessDirect™ enables SSL VPN remote access, and the DesktopDirect™ add-on enables remote desktop access. In addition, all product options support ABC business continuity contingency licenses.

Virtual & Physical Appliances

Whether running on Array's AVX Series Network Functions Platform, on common hypervisors, or in popular public cloud platforms, vxAG virtual appliances are ideal for organizations seeking to benefit from the flexibility of virtual environments, offer infrastructure services and new elastic business models or evaluate Array secure access with minimal risk and up-front cost.

AG Series physical appliances leverage a multi-core architecture, SSL acceleration and compression, energy-efficient components and 10 GigE connectivity to create solutions purpose-built for scalable secure access. The AG1500FIPS model offers FIPS 140-2 Level 2 compliance for organizations that require a higher level of security.

For multi-tenant environments, the AVX Series network functions platforms support up to 32 separate vxAG, vAPV virtual application delivery controllers, vAWF Web application firewall or 3rd party instances – each with its own CPU, SSL, memory and I/O resources – with mix-and-match licensing and pay-as-you-grow pricing.

Access Methods

Clientless:

Web Access

100% clientless – Supports HTML, JavaScript and plug-in parameters – Ensures proper function of applications beyond the corporate network – Masks internal DNS and IP addressing – Supports browser-based access from any device – Supports URL filtering – Web file sharing

On-Demand Client:Network &
Application Access

Pre-installed or Web-delivered client through Java or ActiveX – L3, L4 or auto-select tunneling – Auto-launch upon login, transparent to users – L3 & L4 for Windows XP (32-bit), Windows 7 (32/64-bit), Linux, MacOS – Split tunneling and full tunneling control, create tunnel through HTTP forward proxy – Supports any IP application including TCP, UDP, NetBIOS, Outlook, Terminal Devices, FTP, CRM and all CS and BS applications – Internal static and dynamic IP address assignment and external DHCP server IP address assignment – Network drive mapping – Auto-launch of network scripts and commands – Differentiated configurations per user or group roles – Stand-alone, command line and SDK for Array VPN client – MotionPro Windows/MacOS Client – Multi-language support – Detailed traffic logs

Thin Client:Remote Desktop
Access

Utilizes local RDP client (RDP 5.0 or higher) – RDP auto-update/deployment – User parameters including screen size, color depth, sound and redirection (if permitted) – Multiple monitors – Performance tuning – Redirection control for drives, printers, ports, smart cards and clipboards – Supports VMView 6.x

Mobile Client:Secure Mobile
Access

MotionPro native app for secure mobile access for iPad, iPhone and Android devices – Downloadable from Apple AppStore and Google Play marketplace – Automated app installation – SSL mobile VPN – SDK for native 3rd party apps with integrated application level VPN – Secure browser for Web & HTML5 applications – Allows enabling/disabling access by device type (smartphone, tablet, etc.)

**Remote Office
Support:**

SSL VPN Tunneling

Site2Site secure SSL VPN tunneling for remote offices, branches or other operations

Client-Side Security

Host Checking

Verifies device state prior to granting access – Scans for personal firewalls, anti-virus, anti-spam, anti-spyware, software version and service packs – Custom rules for a range of apps, registry checks and patches – MAC address or hardware ID validation

Adaptive Policies

Access level conditional on end-point status – Integrated policy management

Cache Cleaning

Wipes all stored browser information upon session termination – Per-session with idle timeout and browser closure

End-Point Security

Device-based identification, data container and remote wipe for mobile devices – Anti-key logging and anti-screen capture for remote PCs – URL blacklisting to prevent access to undesirable Web sites

Server-Side Security

Gateway

Security-hardened OS – Passive and active Layer-7 content filtering – Permit or deny policies – DDoS prevention – Reverse-proxy network separation

Encryption

TLS 1.0/SSL 3.0, TLS 1.2 – RC4-MD5, RC4-SHA, EXP-RC4-MD5, DES-CBC3-SHA, AES128-SHA, AES256-SHA, AES128-SHA256, AES256-SHA256, ECDHE-RSA-AES128-SHA, ECDHE-RSA-AES256-SHA, ECDHE-RSA-AES128-SHA256, ECDHE-RSA-AES256-SHA384, ECDHE-RSA-AES128-GCM-SHA256, ECDHE-RSA-AES256-GCM-SHA384, ECDHE-ECDSA-AES128-SHA, ECDHE-ECDSA-AES256-SHA, ECDHE-ECDSA-AES128-SHA256, ECDHE-ECDSA-AES256-SHA384, ECDHE-ECDSA-AES128-GCM-SHA256, ECDHE-ECDSA-AES256-GCM-SHA384, ECC-SM4-SM3 and ECDHE-SM4-SM3 – 1024 – 1024, 2048 and 4096-bit keys – SSL session reuse – Certificate field passing to backend – Online/offline CRL – OCSP

Authentication, Authorization & Auditing (AAA)

Authentication

LDAP, RADIUS, AD, LocalDB, RSA SecurID, Swivel, Vasco, SMX, custom, multi-step HTTP – up to 200,000 users in LocalDB – Enable/disable LocalDB user – LocalDB password policy control – Backup/restore LocalDB – Export LocalDB in CSV format (Excel) – Up to 1500 logins per second – Certificate-based authentication – Authentication server ranking (search user credential in multiple servers) – RADIUS challenge response mode – Restrict login based on date and time – Single sign-on, NTLM, HTTP basic authentication and HTTP POST – User lock-up by login failure, inactivity or manually by administrator – Automatic login failure lockout for AAA accounts – SAML single sign-on (SSO) SP or IdP – OAuth via Google or WeChat

Authorization

Granular access control – Role-based access control – Roles defined by username, group name, login time, source IP and login method – Permit and deny policies – Authorize user based on MAC address or hardware ID – Provides high flexibility in configuration and detailed logging – Available desktops and redirection conditional upon end-points

Auditing

Full audit trail in WebTrends WELF format – Logs all user activity (success, failure, attack) – Syslog – Alarm/trap – Stats/counters – SNMP MIB

Multi-Factor

Built-in one-time password, SSL client certificates, RSA SecurID, Entrust, other RADIUS-based authentication systems – Multiple AAA server authentication

Performance & Scalability

System

64-bit Array SpeedCore multi-core platform – Optimized packet flow with single-digit millisecond latency – Up to 10,000 concurrent users on a single virtual appliance – Up to 500 Mbps SSL throughput on a single virtual appliance running on a virtual machine – Up to 3,200 Mbps throughput on a single virtual appliance running on Array AVX Series Network Functions Platform – SSL key exchange and bulk encryption performed in kernel – Connection multiplexing for optimizing server efficiency and reducing back-end connections – High-availability and scale out (active/active, active/standby clustering)

Virtualization

Up to 256 virtual secure access portals – Single page virtual site creation – Concurrent user session control per virtual portal – Delegated management – Portal theme technology for custom virtual portals or integrating with preexisting Web pages – Pure Java script-based customization on per virtual portal basis – No external server requirements – Localized end-user GUI support for English, Japanese, simplified and traditional Chinese

Management

System Administration

Intuitive WebUI – Quick-start wizard – Role-based administration – Strong administrator authentication – RADIUS accounting – No client installation or management – Configuration synchronization – Full device backup and restore including client security, portal theme, SSL certificates, keys, CRL, LocalDB – User/feature license control – Exporting of system statistics – NTP, NAT, RTS, logging – Customizable DNS resolution

Array Registration Technology (ART) for Remote Desktop

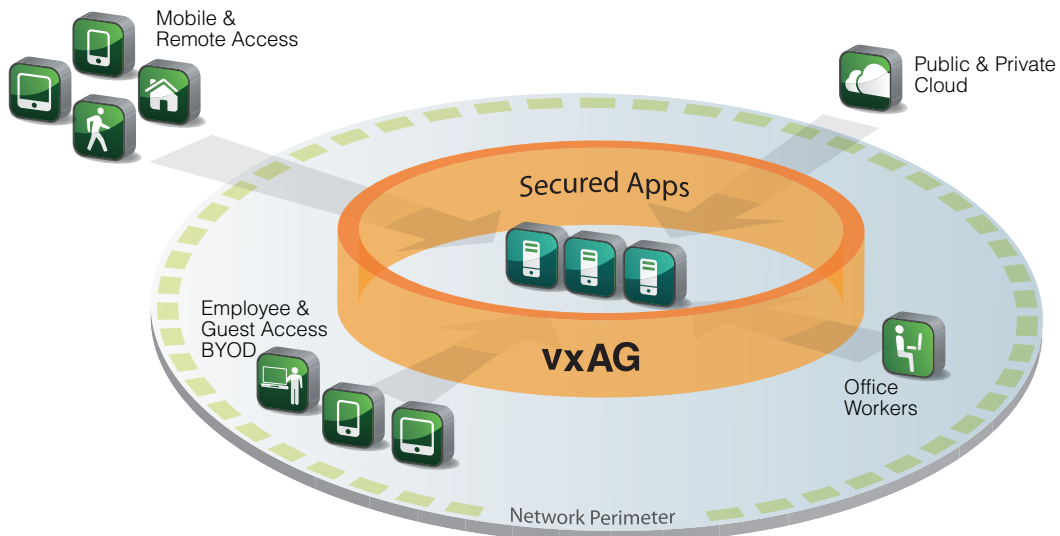
Manual/static registration – User self-registration/automatic registration – Bulk registration (import/export from external database) – Scalable to 150K users and 300K desktops – Registration portal wizard – Remote power management via wake-on-LAN (WoL) technology

Warranty & Support

System 90-day software

Support Gold, silver and bronze-level support plans

Array Secure Access Architecture



Product Specifications

• STANDARD ○ OPTIONAL

	AccessDirect SSL VPN Remote Access	DesktopDirect Remote Desktop Access
2048/4096-bit SSL Encryption	•	
Layer-3 VPN Client	•	
Web Applications	•	
HTML5	•	
Host Checking & Cache Cleaning	•	
SAML Single Sign-On (SSO)	•	
Client, App & Device Security	•	
Secure Browser	•	
Site2Site SSL VPN Tunneling	•	
Array Registration Technology		•
Wake-on-LAN		•
Clustering	•	•
WebUI	•	•
Virtual Portals*	5 included	5 included
Additional Virtual Portals	○	○
Array Business Continuity	○	○

vxAG

With the exception of hardware SSL acceleration, vxAG virtual secure access gateways running on VMs support all AG Series features. vxAG running on Array's AVX Series Network Functions Platform supports hardware SSL acceleration as well as the full AG Series feature set and all feature modules.

Supported Hypervisors (64-bit only)

Array AVX Series 2.1 and later
VMware ESXi 4.1 or Later
XenServer 5.6 or Later
Open Xen 4.0 or Later
KVM 1.1.1-1.8.1 or later

Virtual Machine Requirements

Requires minimum:
2 Virtual CPUs
4GB RAM
40GB Disk
4 Virtual Network Adapters

Supported Public Cloud Environments

Amazon AWS
VMware vCloud Air
Aliyun

Free Trial

Download a
free [30-day vxAG trial](#) today.

Ordering Information

Ordering No.	Description
vxAG Secure Access Gateway Virtual Appliance Quick Start Bundles	
AVg28700	vxAG Secure Access Gateway Virtual Appliance QuickStart Lab Bundle (AccessDirect, 10 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments. Not for production and not upgradable (users, virtual portals, etc.). Only Bronze support available.
AVg286600	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 10 (AccessDirect, 10 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AVg28661	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 25 (AccessDirect, 25 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AVg28662	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 50 (AccessDirect, 50 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AVg28663	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 100 (AccessDirect, 100 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AVg28664	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 300 (AccessDirect, 300 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AVg28665	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 500 (AccessDirect, 500 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
Add-Ons	
Module Add-Ons	
AUg28211	Add DesktopDirect license to any vxAG bundle up to 300 users.
AUg28212	Add DesktopDirect license to any vxAG bundle greater than 300 users.
AUg28213	Upgrade DesktopDirect vxAG license from up to 300 to greater than 300 users.
Virtual Portals (current vxAG maximum virtual portals is 256 if VM memory is 4GB and 20 if VM memory is 2GB)	
AUg20138	1 Virtual Portal (incl. URL aliasing)
AUg20139	Add 5 Virtual Portals (incl. URL aliasing)
AUg20140	Add 10 Virtual Portals (incl. URL aliasing)
VPN Users (currently vxAG maximum concurrent user limit is 10,000 if VM memory is 4GB and 600 if VM memory is 2GB)	
AWg20103	Add 10 Concurrent Users (up to max conc. user limits)
AWg20105	Add 25 Concurrent Users (up to max conc. user limits)

Ordering No.	Description
AWg20110	Add 50 Concurrent Users (up to max conc. user limits)
AWg20120	Add 100 Concurrent Users (up to max conc. user limits)
AWg20121	Add 250 Concurrent Users (up to max conc. user limits)
AWg20122	Add 500 Concurrent Users (up to max conc. user limits)
AWg20123	Add 1,000 Concurrent Users (up to max conc. user limits)
AWg20127	Add 2,500 Concurrent Users (up to max conc. user limits)
AWg20130	Add 5,000 Concurrent Users (up to max conc. user limits)
AWg20133	Add 10,000 Concurrent Users (up to max conc. user limits)
vSite2Site Spoke Licenses*	
AWg28800	Add 5 vSite2Site spoke licenses (up to maximum spoke limits)
AWg28801	Add 10 vSite2Site spoke licenses (up to maximum spoke limits)
AWg28802	Add 25 vSite2Site spoke licenses (up to maximum spoke limits)
AWg28803	Add 50 vSite2Site spoke licenses (up to maximum spoke limits)
AWg28804	Add 100 vSite2Site spoke licenses (up to maximum spoke limits)
AWg28805	Add 500 vSite2Site spoke licenses (up to maximum spoke limits)
Array Business Continuity (ABC) Pre-Paid License - for any 10 days of emergency usage, no additional support cost	
BCg20194	ABC Pre-paid License: Add 25 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20195	ABC Pre-paid License: Add 50 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20189	ABC Pre-paid License: Add 100 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20196	ABC Pre-paid License: Add 250 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20190	ABC Pre-paid License: Add 500 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20197	ABC Pre-paid License: Add 1,000 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20201	ABC Pre-paid License: Add 2,500 concurrent users to any AG for any 10 days of BCP Emergency usage
BCg20204	ABC Pre-paid License: Add 5,000 concurrent users to any AG for any 10 days of BCP Emergency usage

Ordering No.	Description
BC920207	ABC Pre-paid License: Add 10,000 concurrent users to any AG for any 10 days of BCP Emergency usage
vxAG Virtual Edition: Monthly Subscription Model (License will expire when subscription period ends)	
AV928666	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 10 (AccessDirect, 10 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928667	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 25 (AccessDirect, 25 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928668	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 50 (AccessDirect, 50 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928669	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 100 (AccessDirect, 100 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928670	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 300 (AccessDirect, 300 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928671	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 500 (AccessDirect, 500 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
Module Add-Ons: Monthly Subscription	
AU928230	Add Monthly DesktopDirect license to any vxAG bundle up to 300 users.
AU928231	Add Monthly DesktopDirect license to any vxAG bundle greater than 300 users.
AU928820	Add 5 vSite2Site spoke licenses (up to maximum spoke limits)
AU928821	Add 10 vSite2Site spoke licenses (up to maximum spoke limits)
AU928822	Add 1 Virtual Portal (incl. URL aliasing)
vxAG Virtual Edition: Annual Subscription Model (License will expire when subscription period ends)	
AV928780	vxAG Annual Secure Access Gateway Virtual Appliance QuickStart Bundle 10 (AccessDirect, 10 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928781	vxAG Annual Secure Access Gateway Virtual Appliance QuickStart Bundle 25 (AccessDirect, 25 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928782	vxAG Annual Secure Access Gateway Virtual Appliance QuickStart Bundle 50 (AccessDirect, 50 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.

Ordering No.	Description
AV928783	vxAG Annual Secure Access Gateway Virtual Appliance QuickStart Bundle 100 (AccessDirect, 100 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928784	vxAG Annual Secure Access Gateway Virtual Appliance QuickStart Bundle 300 (AccessDirect, 300 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928785	vxAG Annual Secure Access Gateway Virtual Appliance QuickStart Bundle 500 (AccessDirect, 500 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
Module Add-Ons: Annual Subscription	
AU928232	Add Annual DesktopDirect license to any vxAG bundle up to 300 users.
AU928233	Add Annual DesktopDirect license to any vxAG bundle greater than 300 users.
AU928823	Add 5 vSite2Site spoke licenses (up to maximum spoke limits)
AU928234	Add 10 vSite2Site spoke licenses (up to maximum spoke limits)
AU928825	Add 1 Virtual Portal (incl. URL aliasing)
vxAG Virtual Edition: Revenue Sharing Model Array 70% (License will expire when subscription period ends. Must pay annual support fee)	
AV928672	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 10 (AccessDirect, 10 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928673	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 25 (AccessDirect, 25 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928674	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 50 (AccessDirect, 50 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928675	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 100 (AccessDirect, 100 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928676	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 300 (AccessDirect, 300 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.
AV928677	vxAG Secure Access Gateway Virtual Appliance QuickStart Bundle 500 (AccessDirect, 500 concurrent users and 5 virtual portals). VMWare, KVM, Citrix Xen and Open Xen environments.

* vSite2Site Spoke Licenses

1. Maximum spoke limits: vxAG= 10
2. vSite2Site spoke licenses apply to both standalone and cluster configurations. For HA cluster add-ons, customers can choose how they would like their additional vSite2Site spoke licenses applied. For example, a customer can order an additional 10 vSite2Site spoke licenses and apply them all (10) to one appliance in the HA cluster or split them evenly (5/5) across the two appliances.



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