



Why Choose Us?

Why do you want to work with us? There are many benefits to working with a 25-year-old engineering-focused partner such as Carolina Advanced Digital. Here are some of the reasons network engineers and IT departments across the United States have chosen us:

• Certified Engineers

We have certified engineering expertise in all the solutions we offer, including network planning and integration, backup and disaster recovery, security, archiving and compliance. CAD also maintains the highest level of manufacturers' certifications available for our solutions.

• Qualified Pre-sales Support & Design

Our extensive expertise allows us to provide engineering-level pre-sales support, project planning and design to help you evaluate needs and determine a solution that yields the best results and the best pricing for you. By working together, our certified engineers have the ability to check your requests, saving you money both up-front and in the long run by eliminating costly mistakes and unnecessary equipment.

• Special Offers and Promotions

Because we focus our attention on a few "best of breed" solutions, we stay tightly integrated with our partners and are always aware of specials and promotions you may be eligible for. This lets us offer the absolute best pricing and solutions other large e-tailers won't be aware of (or eligible for). We will also ensure that you have all the necessary information for your manufacturer's rebate claims.

• Best Pricing

The certifications we maintain earn us the top partnership levels and afford us the lowest pricing with our partners, making us competitive with large order houses.

• Free Training & Events

All of our customers are invited to attend free technology trainings and IT events and are offered discounts for paid certification trainings. Whether you renew an existing appliance or buy a few switches, you are part of our family and welcome to join us at our Train-n-Games, Crash Courses and IT Hot Topics & Golf Tourney.

• Post-Sales Support

Our goal is not to throw a box in your lap and walk away. A solution that is not properly implemented does not work; and a solution that does not work has no value – to you or to us. We are here to make sure the solution you choose is fully implemented and working. Our network integration, security and disaster recovery customers enjoy 24x7 technical support from us at no additional cost.

• Complete Solutions

Because of our business model, we are positioned to provide complete project solutions instead of just selling a product. Your software, security and hardware infrastructure are part of a homogenous system that must function as a whole, and our expertise enables us to engineer and service a perfect solution for your needs.

• Federal & State Contracts

We try to make government and education purchases as painless as possible for you. One of the ways we accomplish this is by offering most of our products and services on various state and federal contract vehicles. If you have specific needs, just ask!

• Woman-Owned, Veteran-Owned, Small Business

We help our federal government customers meet and exceed their procurement requirements by offering products and services that qualify for set-asides to woman-owned, veteran-owned and small businesses.





Professional Services

For more than 25 years, organizations have turned to Carolina Advanced Digital for qualified professional services. For special projects and planning, infrastructure design, certified security consulting or just to supplement their IT staff, customers enlist our expertise to ensure projects are properly planned and completed while meeting budgets and deadlines. Professional services are provided by certified engineers and technicians, and are available on an as-needed or contract basis. Service rates vary and may be requested per-project, or on an hourly or daily basis.

· **Networking – Site Surveys & Documentation**

CAD offers professional vendor-neutral site surveys to evaluate your current network environment. We send certified networking engineers onsite to perform a walk-through of all or part of your infrastructure and identify present equipment, connections and determine capability. Depending on the depth of information desired, a site survey might also include Network Documentation, using CAD's exclusive Route Concept Diagrams™, custom-developed Network Checklists and detailed Visio Drawings.

· **Networking – Infrastructure Design**

Our Network Design Services are truly unparalleled. Decades of experience, attention to detail and a suite of proprietary documentation and design methodologies give us an advantage that is soon realized by our customers. All the planning and documentation is completed before even the first piece of equipment is touched. To date, every network design and migration we've planned and implemented has resulted in 0 downtime for our customers.

· **Networking – Implementation and Configuration**

We provide network implementation, installation and configuration services for several manufacturers' networking products. For customers involved in a complete Network Design Solution with CAD, the implementation portion may included in the project. A full design and configuration service set results in switch-specific instructions, with line-by-line CLI entries to ensure your implementation goes smoothly.

· **Network Access Control & Authentication** [NAC, 802.1X, Identity Management]

Another specialty is planning and implementation of advanced NAC (Network Access Control) and IDM (Identity Management) solutions, using a combination of standards-based technologies along with specific vendor elements. Standards-centric development allows us to create flexible solutions that will grow with the industry and have a much longer life than proprietary, vendor-specific technology.

· **Secure Wireless Networking**

Our solution set for secure wireless networking includes planning and design for both light and heavy AP solutions as well as full-featured management platforms for single- or multi-vendor environments.

· **Risk Management, Security and Compliance**

We provide architectural, consulting and design services to identify and manage the risks contained in your information systems and business processes and brought about through the collection, processing and storage of privileged corporate and customer information. Our activities are consistent with standards published through private industry, state and federal legislation and regulations and include infosec assessment and evaluation, vulnerability analysis, development of policies, standards and procedures, and design, deployment and integration of security infrastructure.

· **Firewall, IDS/IPS and UTM Services**

We provide comprehensive services for firewall planning, migrations, audits and troubleshooting. In most organizations, as personnel and policies change over time, firewall rules either remain unchanged or their 'allow' list simply grows each time a new application is added and a new open port is needed. These practices degrade the integrity of the firewall and compromise corporate use and/or security policies. CAD can provide a fresh look at your existing firewall to recommend updates or alternate configurations and review best practices.

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CAROLINA ADVANCED DIGITAL, INC

133 Triangle Trade Drive | Cary, NC 27513

Phone 919.460.1313 | Fax 919.460.1314

IT INFRASTRUCTURE | SECURITY | MANAGEMENT

Professional Services

· Encryption

CAD has partnered with Winmagic to provide best in breed data encryption solutions for the enterprise. SecureDoc ensures protection of sensitive information on your desktops, laptops and removable media by employing authentication from password to hardware token, biometrics and PKI at pre-boot. Server-based management easily enables any type environment to provide convenience and security for all users with almost transparent management.

· Application & Bandwidth Management

Do you know what's coming in and out of your WAN? CAD offers professional services by certified network engineers to help install, configure and manage your devices.

· Server Maintenance & Migrations

Analysis, design, maintenance, upgrades and migrations for platforms and applications, including Microsoft Exchange, SQL, ISA, and most other BackOffice product.

· Security Services, Vulnerability Assessment [HIPAA, GLBA, SOX]

Qualified security services from certified security specialists including HIPAA, GLBA, and SOX compliance auditing, risk analysis as well as internal and external vulnerability assessments.

· Product-Specific Services

CAD also provides qualified services on the following manufacturer-specific products and technologies:

Security Solutions

- Barracuda Firewall
- Bradford NAC
- Juniper Firewall & IDS/IPS Systems
- Juniper SSL-VPN Appliances
- Juniper UAC NAC Solutions
- SonicWALL Email Security
- SonicWALL Firewalls & UTMs
- SonicWALL Content Security Appliances
- Splunk IT Search & Security Visualization
- AirTight Wireless Intrusion Prevention System
- AirTight Wireless Vulnerability Management SaaS
- WinMagic SecureDoc Disk Encryption
- Compliance Testing
- Risk Management
- Professional Services

Infrastructure

- NAC Solutions & 802.1X
- Blue Coat PacketShaper & Proxy Devices
- HP Networking Layer 2, 3 & 4 Switches
- HP Networking Wireless Solutions
- HP Networking Gig, PoE Switches
- Juniper Data Center & WAN Acceleration
- Juniper Secure Remote Access
- Survey, Design & Implementation
- Professional Services





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Partners Overview



Protection against email, Web and IM threats as well as products that improve application delivery and network access, message archiving, backup and data protection.



Blue Coat products optimize security, accelerate performance and provide visibility, control and compression.



Adaptive security and NAC platform that leverages features from existing wired and wireless network infrastructures.



Networking

The fastest growing line on the market. Includes switches, routers, wireless and management software. Products and services from certified HP ASE network engineers.



Network and security platforms for organizations of all sizes. Portfolio includes advanced routing platforms, firewall/IDS/IPS appliances, award-winning NAC solution, SSL-VPN and data center & WAN acceleration.



Wireless infrastructure solutions that enable the all-wireless enterprise with necessary reliability, scalability and security.



Splunk IT search solutions for log aggregation, searching and event visualization and correlation.



Integrated security, IDS/IPS, content filtering, content security and management solutions for any size business or agency. Certified products and services.



Protects sensitive information by employing authentication from password to hardware token, biometrics and PKI at pre-boot. FIPS certified, and SecureDoc's FORTEZZA-based version is the only disk encryption software certified by the NSA.

Security Solutions

- Barracuda Firewall
- Bradford NAC
- Juniper UAC NAC Solutions
- Juniper SSL-VPN Appliances
- Juniper Firewall & IDS/IPS Systems
- SonicWALL Email Security
- SonicWALL Firewalls & UTMs
- SonicWALL Content Security Appliances
- Splunk IT Search and Security
- WinMagic SecureDoc
- Compliance Testing
- Risk Management
- Professional Services

Infrastructure

- NAC Solutions & 802.1X
- Blue Coat Proxy
- Blue Coat/Packeteer PacketShapers & iShapers
- HP Networking Layer 2, 3 & 4 Switches
- HP Networking Wireless Access
- HP Networking Gig, PoE Switches
- Juniper Data Center & WAN Acceleration
- Juniper Secure Remote Access
- Survey, Design & Implementation
- Professional Services

HP Networking | Master Elite Partner

Barracuda | Partner

Blue Coat | Premier Partner

Bradford | Gold Partner

Juniper | Elite Partner

Meru | Pinnacle Partner

SonicWALL | Gold Partner

Products and services available on state contracts and GSA Advantage (GS-35F-0795N)



Infrastructure



- Network Design
- Surveys & Performance Assessment
- Installation & Implementation
- Wired & Wireless Solutions

VoIP Solutions



- Standards-based VoIP Solutions
- Converged IP
- Phased Implementations

Bandwidth Management



- Bandwidth Management
- Network Visibility
- Satellite Link Optimization
- High Latency Acceleration

Training, Education & Professional Services



- Professional Services
- On-site and Classroom Training
- Certification Training
- Product & Technology Consulting

Security



- NAC Solutions
- Encryption Solutions
- Secure Remote Access
- Firewall/UTM & IDS/IPS
- Risk Management & Compliance