

■ Meet Our Technology Affiliate: Cipher Integrations, Inc.

Cipher Integrations is our affiliated technology firm with the power to provide practical solutions from network design and implementation to advanced custom programming and interactive internet technology. Cipher Integrations provides comprehensive technology services with the convenience of one company.

■ Network Services

Cipher Integrations specializes in the integration of custom network systems to meet the needs of our clients. From Small Business network planning to advanced infrastructure needs, Cipher provides complete local and wide-area network design, installation and management services.

Planning is the key ingredient in a successful network solution. We develop recommendations for the necessary servers, workstations, firewalls, routers, printers, and monitors for networks and can assist in the selection of software operating systems, remote access solutions, internet applications, email and groupware, and disaster recovery options.

Our practical experience focuses on the security aspects of networks. We can prepare and implement appropriate network usage policies and procedures, establish user access rights and privileges, and design network file structures to keep business information safe and secure.

No network is complete without monitoring and routine scheduled support. Our weekly remote monitoring and routine support agreements provide clients with the peace of mind that their systems are functioning smoothly and under the careful watch of a Cipher specialist.

■ Internet Technology

Web Based Technologies allow for integration with Cipher's other core services to enhance an organization's online presence. Cipher can provide secure access to internal networks, hardened web based applications and completely custom software solutions. The productivity of a business can be improved with technology management and hosting from Cipher.

Websites that are implemented with Cipher's Hosting Services receive the best possible monitoring and defense. We take care of security patches and make sure that our clients' websites and domains remain live to the world so they never have to worry about downtime.

■ Software Development

The process of designing, developing and implementing custom software through third parties can become messy, time consuming, and generally unpleasant. Cipher professionals can solve this problem by providing custom services so that our clients can focus on their businesses; not the development of an application.

At Cipher Integrations we have the experience and expertise needed to create and implement security solutions to fit the unique needs of an organization.

Qgiv™ is an online credit card payment gateway we presently offer to organizations across the United States. This secure, online, PCI compliant software package is just one example of our software development capabilities. For more information, visit www.qgiv.com.

Cipher's business partners include:



Information Worker Solutions
Advanced Infrastructure Solutions
Networking Infrastructure Solutions



Registered Partner

■ Disaster Planning Pointers

With hurricane season approaching, it is important to start reviewing your plan for protecting and preserving your information technology and electronic equipment. Below is a list of technology preparations that can assist you in these efforts:

File Server

- Run a complete system backup. Remove backup tape(s) (two if possible) to off-site storage site(s).
- Lock remaining backup tapes in a small safe and relocate to center of building.
- Power down server and unplug. Move to central location in building (to avoid tree damage).
- Unplug all switches, hubs, modems, firewalls, Internet connections, etc..., to isolate from power surges.
- Power down and unplug UPSs to isolate from power surges.

Computer Workstations

- Turn off all equipment, such as printers, monitors, etc...
- Power down and unplug power strips and UPSs to isolate from power surges.
- All equipment near exterior walls should be moved to interior space, if feasible.

Software

- Move all stored software to protected storage area.
- Secure all licenses and documentation to a safe location.

Documentation and Recovery Plans

- Move copy of system documentation, disaster and recovery plans, and major equipment photographs to off-site location(s).

Telephone Systems

- Review telephone connections and consider isolating the system from outside power surges.
- Make sure fax machines are disconnected from telephone lines to isolate from surges.

Other Electronic Equipment

- Review other electronic equipment, such as copiers, scanners, and printers to isolate them from power surges from all sources.
- Consider turning off A/C thermostats to reduce the effects of fluctuating power and to reduce the load on the system when power is restored.

Review Alternate Emergency Plans

- Review plans for alternate storage locations to house offices and equipment if the primary location is damaged during the storm.

BE SURE TO SHUT ALL DOORS BEFORE LEAVING THE AREA.

■ Meet Our Key Network Services Staff...



S. Todd Baylis, BS – Computer Science MCSE 2003 + Security, CCNA, Security+, SCJP

Todd graduated Summa Cum Laude from Florida State University with a degree in Computer Science. Todd has extensive experience in network technologies and project implementation having participated in several implementations of wide-area network technologies using Cisco products. Todd has broad experience in security and encryption technology. With his expert-level knowledge in multiple areas of technology design, Todd is uniquely qualified to manage a team of network engineers and meet project deadlines.



Nick Pelfort, MS – Computer Science, MCSE 2003, Security+

Nick graduated from the University of Florida with a Master's degree in Computer Engineering in the area of network security. Nick has an extensive understanding of network protocols and secure implementations. Nick has helped develop wide-area networks that solved clients' needs to combine distant networks into one logical network. He has also written technical documentation accurately describing how systems are designed and how they function.



Bob Shoe – MCP, CNA, Network+, A+

Bob has been involved in the design and administration of Microsoft and Novell network systems for seven years. His extensive training and background in computer hardware and local area networks, along with Bob's thirty-five years of experience in the service industry, allows him to anticipate and meet the needs of Cipher's clients. Bob has been instrumental in the development and maintenance of Cipher's vast documentation library.