

CASE STUDY

AMERICAN NATIONAL BANK EXCEEDS CYBERSECURITY REQUIREMENTS IN RECORD TIME WITH SKYPORT SYSTEMS

American National Bank needed to secure its IT network according to the latest cybersecurity guidelines. The bank considered building its own solution to make its infrastructure more secure, but the time, effort and money involved in doing so simply didn't make sense. That's when American National Bank turned to Skyport Systems.

The Challenge: Meet Government Security Regulations

As a national bank, American National Bank is subject to regular examinations by the Office of the Comptroller of the Currency (OCC), a division of the U.S. Department of the Treasury. These examinations follow the guidelines set forth by the Federal Financial Institutions Examination Council (FFIEC), which closely monitors security infrastructure to ensure that banks are poised to mitigate risks.

American National Bank didn't have dedicated servers running its domain controllers, but rather they were using the same servers to run its printers, file servers, and other business applications. Not having a dedicated server to run its domain controller presented opportunities for security vulnerabilities.

The Solution: Securely Run Critical Business Applications

American National Bank partnered with Skyport Systems to deploy Skyport's flagship product, SkySecure—a cloud-managed, hyper-converged appliance with security built in. SkySecure combines secure compute, virtualization, network security controls and threat analytics to safely run the most critical applications of a business.

The goal? To improve American National Bank's network security to meet and exceed OCC requirements and FFIEC cybersecurity guidelines.

Through the SkySecure product and professional guidance, Skyport helped American National Bank overcome the following challenges to successfully adhere to the latest security guidelines:

- **Quickly put in place new infrastructure to meet and exceed FFIEC cybersecurity guidelines:** American National Bank was running its domain controller, file server, several business applications and printers on one system. ANB set a goal to remediate this issue in the shortest time possible.

- **Minimize ongoing data center maintenance:** The ANB team had limited resources, so any new systems deployed would need to require little maintenance and updating since the team had other ongoing projects.
- **Mitigate vulnerabilities to increase the security posture of the bank:** Strict security compliance requirements for banking makes it difficult for many community banks like American National Bank to spend resources to constantly monitor and identify vulnerabilities and resolve issues quickly.

The Results: A More Secure, Streamlined IT Environment plus Cost Savings

American National Bank has been able to isolate and secure its domain controllers and separate them from other services such as file servers, printer servers, and application servers, making its network not only more secure but also more cost-effective and easy to manage compared to traditional solutions.

American National Bank also achieved the following benefits:

- **Faster time to production:** American National Bank quickly deployed the SkySecure system without needing additional software or hardware and within a timeframe that exceeded their expectations.
- **Cost and time savings:** American National Bank considered building its own solution, but after realizing the time, resources, and expertise it would require, they calculated that deploying SkySecure systems would be more cost-efficient.
- **Ease of management and control:** SkySecure includes in-depth traffic analytics and threat surface analysis that is managed in the cloud. This helped American National Bank set policies to mitigate suspicious activity by allowing them to easily see all traffic going to and from its systems.
- **Improved network security:** American National Bank is now able to run its domain controller on a dedicated SkySecure system where it is protected from all systems inside and outside their network.

“When we needed to comply with the strictest cybersecurity guidelines, we looked at building our own solution. However, I quickly realized how much time, resources, and expertise it would require to create Skyport’s SkySecure system. When I came across Skyport Systems, I found that SkySecure could give me a complete solution with all the hardware, software, analytics, and services to help me meet cybersecurity requirements and guidelines. Deploying SkySecure made it easy for me to manage our network while improving our security posture.”

— Richard Kalin, Senior Vice President, Technology Officer

Company Profile

American National Bank is a locally owned and operated community bank serving Fort Lauderdale and southern Florida. Established in 1985, American National Bank has over \$280 million in assets and delivers a comprehensive portfolio of up-to-date banking products and services designed with a personal touch to meet the financial needs of business owners and professionals in the local region.

To learn more about Skyport Systems or American National Bank, visit, <https://www.skyportsystems.net> or <https://www.americannationalbank.com>.