**From Breach to Bulletproof: Building a Security First IT Strategy**

**Where They Started**
When this property management firm first engaged with Alliance InfoSystems, their needs were minimalized to on-demand IT support with no formal security services in place. All systems were hosted in-house, and the organization operated without a long-term IT strategy. Then they experienced a major setback: a ransomware attack that brought operations to a halt. With no disaster recovery plan or cloud infrastructure, the incident required a full rebuild of their systems, taking nearly a week to restore functionality.

**Where They Are Now**
Today, the organization operates in a fully modernized, cloud-based environment. All workstations and authentication services have been migrated to the cloud, and their on-premises infrastructure has been completely retired. Employees now work securely from anywhere, with centralized access to business-critical applications and files. Their IT environment is stable, secure, and scalable, enabling strategic, forward-looking conversations rather than reactive troubleshooting. Weekly calls with Alliance InfoSystems now focus on innovation and long-term planning, a testament to the maturity of their IT operations.

**How Alliance InfoSystems Got Them There**

**Incident Recovery and Strategic Roadmap**
Following the ransomware incident, Alliance InfoSystems led the client through a full incident response and recovery process. Once operations were restored, we developed a strategic roadmap to modernize their IT infrastructure and reduce future risk.

**Modernizing End-User Devices**
As the organization's reliance on graphic-intensive applications grew, their virtual desktop infrastructure (VDI) became obsolete. Alliance deployed 120 laptops across the organization, replacing the outdated VDI system. We also provided comprehensive training to ensure employees could securely access the network remotely, even as core applications and file servers remained on-premises.

**Cloud Infrastructure Transition**
To eliminate reliance on physical infrastructure, we migrated their line-of-business application to the cloud and transitioned file storage to a cloud first file solution. This decision followed a thorough evaluation of their workflows and change readiness. The cloud file solution was selected for its seamless user experience, allowing the organization to maintain familiar file structures and permissions with minimal disruption.

**Security Implementation**
Recognizing the absence of security measures, Alliance deployed a comprehensive security solution during the migration process. This initiative was part of a broader cloud-first strategy, ensuring the organization's data and systems were protected as they transitioned away from on-premises infrastructure.

**Digital Transformation and Strategic IT Leadership**
Between 2018 and 2023, Alliance guided the organization through a complete digital transformation. We retired all on-premises infrastructure, migrated authentication services, and helped shift the organization's IT mindset from reactive to proactive. During a leadership transition, we also served as a virtual CIO/CTO, providing stability and guidance until a permanent IT leader was hired.

Ready to transform your IT infrastructure like our clients did? If you would like to learn more contact us at, www.ainfosys.com, send us an email at Sales@AInfoSys.com or give us a call at (410)-585-9505.