



Phoenix Cyber Delivers Rapid Application Modernization in Short Timeframe for Federal Agency

Agency avoided potential operational disruptions and security risks with new applications that improved system reliability and reduced maintenance costs.

THE CHALLENGE

A Federal Agency's Office of the Inspector General (OIG) faced a significant challenge with three critical legacy applications used for tracking whistleblower submissions, criminal investigations, and trade security checks. These applications were running on outdated operating systems, making them difficult to maintain and prone to numerous bugs and errors. Additionally, the systems contained highly sensitive Personally Identifiable Information (PII) with complex security requirements and stored over 100,000 attachments. With a looming compliance deadline just months away, the Agency struggled to find a vendor capable of migrating these applications in time.

THE PHOENIX CYBER SOLUTION

Phoenix Cyber was entrusted by the Agency to handle the migration of these applications within an eight-month timeframe. Leveraging their technical expertise, the Phoenix Cyber team quickly conducted a thorough analysis of the databases and reviewed the existing codebases of the legacy applications. They collaborated closely with application users to gain a deep understanding of the various business processes involved. After comprehensively analyzing the required security protocols, Phoenix Cyber laid the groundwork for a successful migration strategy.

Utilizing their extensive experience in IT solutions, Phoenix Cyber designed and developed three new applications within the system's no-code/low-code architecture, specifically using Archer Integrated Risk Management (IRM). The team successfully migrated all data and attachments from the legacy systems into the new applications. Rigorous testing and verification were conducted with users to ensure the system met all functional and technical requirements. The migration was completed ahead of schedule, with the new applications going live in production one week early.

CASE STUDY

Phoenix Cyber delivered a comprehensive suite of services to ensure the project's success, including:

- End-to-end project management
- Rapid analysis of legacy systems, data, security, and compliance
- Design and development of three separate applications
- Data migration and verification
- Collaborative user interface design
- Comprehensive testing and verification of all technical solution requirements
- Ongoing support and maintenance of the applications

ONGOING CUSTOMER BENEFITS

Phoenix Cyber's expert execution enabled the Agency to seamlessly migrate their critical applications before the compliance deadline, avoiding potential operational disruptions and security risks. The new applications not only improved system reliability and reduced maintenance costs but also enhanced data security and user experience. The migration was completed with minimal additional licensing costs, providing a cost-effective solution that safeguarded sensitive information and ensured ongoing compliance.

By delivering these benefits, Phoenix Cyber played a pivotal role in strengthening the operational capabilities and security posture of the Federal Agency.

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Phoenix Cyber is a leading cybersecurity consulting company providing security engineering, operations, and technical cybersecurity expertise to organizations determined to mitigate risk and safeguard their business.