

CYGNACOM PROFESSIONAL SERVICES

Unmatched Expertise—Dedicated to Your Success

As the challenges and threats of our digital world evolve, Cygnacom provides expert guidance to help our clients build and maintain sophisticated, integrated digital ecosystems that enable them to work efficiently and securely. Our clients depend on our comprehensive professional services to help them design, implement, integrate, support and optimize the systems that protect their most critical assets and enable the frictionless connectivity that empowers productivity.



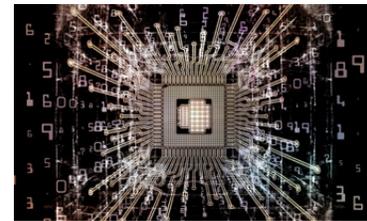
20+ Years of Proven InfoSecurity Leadership

Cygnacom professional services connect our clients with the incredible range and depth of experience gained across two decades as a recognized pioneer in the world of information security.



Unparalleled Experience in Government & High-Assurance Industries

Our experts have worked with every U.S. government agency and have partnered with several of the most recognized and respected organizations in high-assurance industries.



The Best Minds in Cybersecurity

Cygnacom consultants average 15+ years of dedicated PKI and IT security expertise working with federal government agencies. We provide our clients with the best minds in cybersecurity—relentlessly committed to helping them succeed.

OUR SECURITY CAPABILITIES

Security Consulting & Professional Services



Identity Management Solutions

Covering the entire identity management lifecycle—from conceptualization and policy development through design, implementation and operations—we help our clients meet audit and compliance requirements and develop systems that stand up to the demand of today's highly integrated digital environments:

- User provisioning
- Certificate provisioning
- Mobile device management & BYOD
- Multi-factor authenticators (MFA)
- Role-based access control
- Privileged account management
- Single sign-on (SSO)
- Cloud identity management



Identity and the Cloud

Guiding our clients in authenticating and migrating user keys from on-premises CAs to hosted environments—while meeting all relevant regulatory requirements—through a complete range of tools and expert guidance:

- Planning services
- Policy development
- System architecture & design
- Implementation services
- Staff augmentation
- Compliance reporting & audit



Public Key Infrastructure

Bringing 20+ years of pioneering PKI expertise to support the entire lifecycle of a public key infrastructure, helping our clients achieve a broad range of PKI objectives:

- Design, install and configure PKI systems—on-premises or cloud-based—to issue and manage certificates in an organization
- Enabling agencies to operate a Certificate Authority
- Optimizing existing PKI deployments to maximize benefits
- Migrating on-premises PKI to cloud-based services
- Deploying digital certificates to mobile devices



Identity Provider Solutions & Integration

Working with in-house staff to identify disparate identity providers within a client's ecosystem, integrate and synchronize them within a centralized identity management solution, and build a complete architecture that creates a single source of secure identity across the organization.



Custom Development

Building custom modules for identity management and identity provisioning solutions, as well as proprietary applications, including:

- Public key and certificate enablement (PKE)
- SAML 2.0-compliant modules for custom applications
- Java Authentication and Authorization Service (JAAS) modules
- Custom Policy Agents and Rule Processors
- Integrations with existing or new applications



Security Policies

Assisting our clients in developing and auditing security plans and policies, including:

- Organizational security policies
- Mobile & BYOD policies
- Disaster planning
- Certificate policies
- Certification & registration practices statements
- Annual & Triennial PKI audits
- HSPD-12 enablement and mobile-derived credential implementations



Our experts are ready to solve your unique digital security challenges. Let's talk. 703-270-3500

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