

Cyber design, deploy, and optimize service

Cybersecurity by design, aligned to meet your business needs

With Coalfire's cyber design, deploy, and optimize service, you can ensure your organization's security systems are secure, effective, expansive, and reliable from day one. Our cybersecurity strategies, programs, and solutions are designed to help your security program operate more efficiently, protect mission-critical assets, and maximize your return on investment.

From aligning your security strategy with business objectives to assisting with hands-on deployment and optimization, our cyber solutions engineering team empowers you to optimize your security posture and protect your organization from threats.

SYSTEM BASELINE HARDENING

Define, deploy, and configure your operating system (OS), databases, and network device hardening standards for system security. Having managed advisory and assessment engagements across commercial and government environments, our engineers provide extensive knowledge of industry best practices and requirements. We have deployed and configured systems across a wide array of components, so we understand the key differentiators between security and operations. This depth of experience enables us to develop a balanced approach for an acceptable configuration.

VULNERABILITY MANAGEMENT

Design and implement a holistic vulnerability management program that aligns to your organizational goals. Because vulnerability management is unique to each organization, we help you build a program that aligns to

your business. Our engineers have designed, implemented, and optimized vulnerability management programs for organizations from small IT shops to global enterprises, including the world's largest cloud service providers. We are tool-agnostic and highly experienced implementing and configuring industry-leading tools for infrastructure and web application vulnerability scanning.

Whether your company's security goals are driven by regulatory compliance, government agency requirements, or you're simply looking to better understand and mitigate your system risk, we have the knowledge and hands-on experience to help you build the optimal vulnerability management program.

INTRUSION DETECTION/PREVENTION SYSTEMS (IDS/IPS)

IDS/IPS protect your environment from external threats, but few out-of-the-box solutions are sufficient in every environment. Without an effective process for managing rules, tuning alerts, and processing data, an IDS/IPS can result in wasted resources, or worse, create a false sense of security. Our engineers will help you choose, implement, and configure the right tools or optimize the tools you already have in place.

IDENTITY MANAGEMENT AND MULTIFACTOR AUTHENTICATION

Centralized identity management is a must-have for any IT system that stores, transmits, or processes sensitive data. Our engineers implement and optimize identity management solutions, such as Active Directory, Lightweight Directory Access Protocol (LDAP), AWS Identity and Access Management (IAM), and more. We also highly recommend the use of multifactor authentication (MFA) and can help integrate your existing identity management solution with leading MFA providers, such as Okta, Duo, and Google Authenticator.

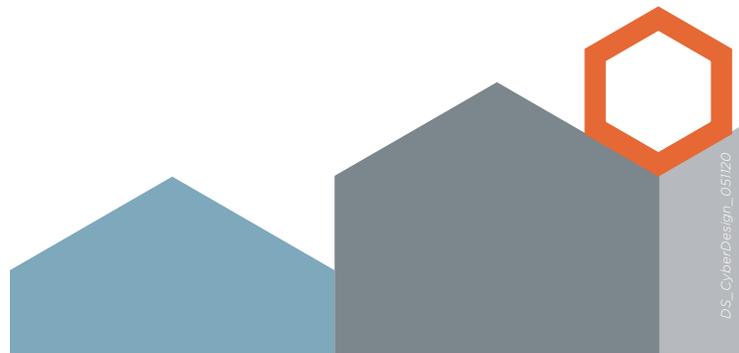
CYBER TOOLS RATIONALIZATION

Our cyber tools rationalization service helps you analyze, optimize, and enhance the use of security tools across your organization to maximize existing assets and licenses. We help reprioritize, repurpose, and reconfigure your current products to avoid unnecessary acquisition. If acquisition is required, we recommend how to make the best investment.

FIREWALL AND NETWORK DEVICE REVIEW

Firewalls, load balancers, proxies, VPNs, and other network boundary devices provide the first layer of defense against external attacks. Our engineers ensure your network security is optimized to block malicious traffic without impacting system availability by assessing your firewall rulesets and device configurations against industry best practices for network security.

CERTIFIED TECHNICAL EXPERTS IN LEADING CLOUD, ENCRYPTION, VIRTUALIZATION, AND CONTINUOUS MONITORING SOLUTIONS



EFFECTIVELY INTEGRATE SECURITY INTO YOUR ENVIRONMENT.

Learn more about Coalfire's solutions engineering services.

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COALFIRE

About Coalfire

Coalfire is the trusted cybersecurity advisor that helps private and public sector organizations avert threats, close gaps, and effectively manage risk. By providing independent and tailored advice, assessments, technical testing, and cyber engineering services, we help clients develop scalable programs that improve their security posture, achieve their business objectives, and fuel their continued success. Coalfire has been a cybersecurity thought leader for nearly 20 years and has offices throughout the United States and Europe. For more information, visit [Coalfire.com](https://www.coalfire.com).