augustschell | August Schell's Solutions Engineers

ASE offers vendor-specific technical workshops and webinars – delivered in person or virtually - at no cost to customers:

Data & AI Operations

Data Governance & AI Readiness
Establish governance and visibility over organizational data to prevent leakage, ensure compliance, and control AI data usage. Implement guardrails for Generative AI and deploy scalable solutions to classify and protect sensitive assets.

Data Stream & Pipeline Optimization
Assess and optimize enterprise data flows from origin to storage. Deliver a tailored roadmap for modern data architecture—enabling data lakes, efficient tiering, and cost-optimized routing.

Data Integrity Assessment:
Evaluate data schema and ontology to strengthen cybersecurity, business, and operational strategies. Support advanced use cases such as synthetic data generation and curated ML training datasets.

Relevant Certifications: Spunk Core & Enterprise Certified Admins, Splunk Architects, Cribl Stream & Edge Admin, Databricks Certified Data Engineer Professional

Network Modernization & Design

Network Architecture & Design
Provide engineering consultation for secure, high-performance network infrastructures purpose-built for federal mission requirements — ensuring scalability, interoperability, and compliance with DoD, DISA, and NIST standards.

Cybersecurity Integration
Provide tailored roadmaps to embed zero trust, segmentation, and continuous monitoring into network designs to safeguard critical systems, reduce attack surfaces, and maintain compliance across classified and unclassified environments.

Purpose-Built Total Solution Architecture
Assist customers in development of end-to-end network and cybersecurity solutions that unify infrastructure, security, and operational objectives — delivering mission assurance and modernization for federal agencies.

Relevant Certifications: CCNA, CCNP, AWS-SA, F5-CA, JNCIA, JNCIP-ENT, GIAC GNFA, GIAC GAWN

Security Operations

Enhance the performance and maturity of Security Operations Centers through targeted optimization and best practices. ASE engineers fine-tune **SIEM workflows**, build actionable dashboards, and integrate **SOAR automation** to maximize visibility and efficiency.

Our experts assess **Cyber Threat Intelligence (CTI) maturity**, aligning intelligence cycles with SOC operations and integrating CTI streams into existing tools.

August Schell Solution Engineers also deliver **SOC process acceleration**, streamlining policies, tools, and procedures to boost capability while maximizing existing investments.

Relevant Certifications: Security+, CEH, CISSP-ISSEP, CISSP, CMMC Lead CCA

Technical Analysis

August Schell conducts a structured Analysis of Alternatives to evaluate technologies against mission and operational requirements. ASE engineers compile and normalize customer requirements, assess candidate solutions, and perform a comparative analysis based on Total Cost of Ownership (TCO), Return on Investment (ROI), technical performance, and lifecycle sustainability. The final deliverable provides a data-driven recommendation identifying the optimal solution that delivers maximum mission effectiveness and operational value.

Vulnerability Assessments

August Schell provides limited-scope, complimentary Threat and Vulnerability Estimates (TVEs) to evaluate an organization's security posture. These short-duration assessments identify key risks and provide actionable recommendations to enhance defenses and reduce exposure. TVEs can be scoped across one or more domains, including network infrastructure, endpoint security, identity management, cloud configurations, and incident response readiness.

Compliance

August Schell assists organizations in achieving and maintaining comprehensive compliance across multiple federal frameworks, including the Risk Management Framework (RMF), FedRAMP, and the Cybersecurity Maturity Model Certification (CMMC). Our team conducts readiness assessments, gap analyses, and control implementation mapping based on applicable standards such as NIST SP 800-53, NIST SP 800-171, and DFARS 252.204-7012. These services help organizations strengthen their cybersecurity posture, validate alignment with federal security and risk management requirements, and ensure the protection of sensitive and controlled information across their enterprise.