



BLACK HORSE

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the Future of Information Dominance

ONLINE COMMERCIAL SIGNATURE REDUCTION (CSR)



Commercial Signature Reduction (CSR) is focused on delivering advanced commercial best practices for Digital Data Protection techniques and facilitating safe virtual on-line operations. CSR training programs are designed to enable students to meet Electronic Security (ES), Signature Reduction (SIGREDUX), Digital Identity Management (D-IDM), and Digital Operational Preparation of the Environment (D-OPE) requirements.

CSR courses utilize hands-on practical scenarios and instruction on various methods, techniques, and tradecraft, where learning new skills is the focus, as opposed to the technology or tool. The CSR curriculum is uniquely designed to provide students with cutting edge best practices that have proven success in facilitating creative problem solving, reducing digital exposure, and honing SIGREDUX skills to mitigate what others can see. We have supported and provided this training to Fortune 100 companies, elite Special Operations Units within the Department of Defense (DoD), Law Enforcement Agencies, and Intelligence Community (IC) partners.



“ Not to be cliché, but the CSR course was almost life changing. It showed me all the things I was overlooking and doing wrong — including other ways I could be exploited. ”

- Fortune 100 Company

CSR FRAMEWORK AND SKILLS TAUGHT

CSR teaches students a comprehensive SIGREDUX methodology that can be applied with the use of various tools and applications to protect both personal, professional, and operational information. Students are trained on cutting edge technologies to include open source programmable routers, virtualized secure platforms, and anonymous data delivery methods to mitigate a wide range of threat actors. Students graduate the course with the skills to effectively mitigate spillage of sensitive information.

The CSR Difference



Thinking Person’s Course – Students learn how to think about security through threat modeling; not every scenario calls for every tool.



Tool Agnostic – No dependence on a given application, hardware, or software. Students will be taught how to evaluate tools for themselves.



No Fluff – You won’t find history lessons or offensive techniques here; we will teach you actionable tools, techniques, and procedures.



ONLINE TRAINING

BlackHorse Solutions, Inc. is pleased to offer virtual interactive distance learning to support our customers' changing operational rhythm and accessibility constraints.

BlackHorse has created a unique and secure instructional platform utilizing US Government approved encrypted solutions through Office 365 applications which are Tier C compliant. This broad set of global compliance and data protection requirements includes ISO 27001, ISO 27018, EUMC, SOC 1 Type I & II, SOC 2 Type I and II, HIPAA and FERPA. The BlackHorse training platform enforces multi-factor authentication and industry best practice information assurance controls while enabling powerful training programs to operate with only an adequate internet connection and student computer.

Everyone in the unit should receive this class. No one should deploy without this training.

- SOF Operator



ONLINE CSR LEVEL 1 COURSE DELIVERABLES & SCHEDULE, DAYS 1-5 (30 HOURS)

DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
Admin/Introduction (30 min) Threat Modeling (1.5 hrs) <ul style="list-style-type: none"> Evaluating threat actors Evaluating your own profile and presentation layer Operating System Hardening (2 hrs) <ul style="list-style-type: none"> Computer security basics Malware resilience Browser hardening Account Hardening (2 hrs) <ul style="list-style-type: none"> Password threats & vulnerabilities Password managers Two-factor authentication 	Verifying File Integrity (30 min) Operating System Hardening II (1.5 hrs) <ul style="list-style-type: none"> Virtualization Encrypting Data at Rest (2 hrs) <ul style="list-style-type: none"> Full disk encryption Volume level encryption File level encryption Data Erasure/Metadata Analysis (1 hr) <ul style="list-style-type: none"> Data remanence theory Data erasure (targeted file, whole disk, system cleanup) Steganography (1 hr)	Protecting Data in Motion (2 hrs) <ul style="list-style-type: none"> Verifying HTTPS certificates Virtual private networks The Tor network Mitigation threat modeling Email Encryption (2 hrs) <ul style="list-style-type: none"> Full disk encryption Hostile Wi-Fi Network Mitigations (1 hr) <ul style="list-style-type: none"> MAC spoofing best practices Active ID Management (1 hr) <ul style="list-style-type: none"> Intro to Identity Management 	Mobile Device Threat Brief (1.5 hrs) Cellular Vulnerabilities Threat Deep Dive (1 hr) Mobile Device PERSEC I (1.5 hrs) <ul style="list-style-type: none"> Encryption of data at rest Active ID Management II (2 hrs) <ul style="list-style-type: none"> Self-background assessment Information removal/opt-outs Disinformation strategy 	Mobile Device PERSEC II (2 hrs) <ul style="list-style-type: none"> Operating system hardening App best practices COMSEC Mobile Device Forensics Lab (1 hr) Active ID Management III (2 hrs) <ul style="list-style-type: none"> Protecting PII (home address, phone number, email address, financial information) Changing Future Habits Intro to Extreme ID Management CSR Review (1 hr)

CSR CERTIFICATION



Students who successfully graduate from CSR courses will be eligible to become certified. Once all certification requirements are met and evaluated by BlackHorse, students will receive a certificate recognizing their proficiency in the skills and methods acquired during the program. **This certification has received joint validation from the Intelligence Community (IC) and Department of Defense (DoD) via the Defense Intelligence Agency (DIA) for Digital Signature Training (DST).**

Online CSR Course Pricing \$5,000 per student
Visit blackhorsesolutions.com to enroll