



**BLACK
HORSE**

a **PARSONS** Company

COMMERCIAL SIGNATURE REDUCTION (CSR)

Train to Protect Personal, Professional, and Operational Data

Course Overview

Commercial Signature Reduction (CSR) is focused on delivering advanced commercial best practices for Digital Data Protection techniques facilitating safe virtual online 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 are providing this training to Fortune 100 companies, elite Special Operations Units within the Department of Defense (DoD), Law Enforcement Agencies, and Intelligence Community (IC) partners.

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 manage their on-line attribution posture.

CSR: Quick Facts

- 5-day all-inclusive training program.
- Gain an understanding of SIGREDUX tradecraft used to exploit and protect mobile devices and communications.
- Deploy open source programmable routers, virtualized secure platforms, and anonymous data delivery methods to mitigate a wide range of threat actors.
- Offered online and in-person.

The CSR Difference



Thinking Person's Course - Students learn how to think about security through threat modeling, and apply the appropriate tool or technique.



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



Practice-Based - We focus on each student building a comprehensive framework based on their individual threat analysis and understanding of their particular requirements.

“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.”

CSR Basic

CSR Basic – CSR Basic is one of our most popular offerings. We bring our training team and equipment to you. This is a great option for organizations looking to reduce their digital exposure. Students will receive training in both protecting personal information online, securing their home networks, and protecting their hardware both at home and while traveling. Students will also develop an understanding of the techniques used to exploit mobile devices and communications, and ways to protect themselves from exploitation.

Executive Seminar – This short training session is developed and delivered in consideration of leadership schedule and availability constraints. We can offer this seminar in as little as 2 hours, or up to two days; focusing on topics of concern such as authorities, policies, mission applicability and use cases.

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.

Delivery

Our CSR course can be taken in-person, on-location in one of our state-of-the-art classrooms located in Herndon, VA or Fayetteville, NC. Mobile training teams are available to host specially-tailored courses in your location. This course can also be taken online using our secure online training environment and providing live instructor interaction through Office 365.

Distance Virtual Learning

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 multifactor authentication and industry best practice information assurance controls while enabling powerful training programs to operate with only acquired during the program.

- Threat Modeling
- Basic Computer Security
- Virtualization
- Verifying File Integrity
- Account Authentication
- Data at Rest
- Data Erasure
- Veracrypt and Steganography
- OnionShare
- Review / Q&A
- Browser Hardening
- Data in Motion
- TOR Network
- WiFi Security
- Review / Q&A
- Mobile Device Security
- Wardriving
- Mobile Device Vulnerabilities
- Review / Q&A
- RFID
- Identity Management
- CSR Review
- CULEX and Graduation

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**More Info
and
Enrollment!**

We offer various options to create a contracted, dedicated course to meet your organization's operational requirements. For contracted training and price quotes please send all inquiries to

TOGTraining@blackhorsesolutions.com