BLACK HORSE
a PARSONS Company

COMMERCIAL SIGNATURE REDUCTION (CSR)

Advanced Options

Course Overview

Commercial Signature Reduction (CSR) is focused on delivering advanced commercial best practices for Digital Data Protection techniques 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 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 mitigate spillage

CSR: Quick Facts

- 2 to 5-day all-inclusive advanced training programs for CSR 1 graduates and managers.
- Employ non-standard communication methods on-line and turn those opportunities into recommendations for action, stressing concept of operations development.
- Options for fully immersed scenario-based exercises in a live environment, conducting a Full Mission Profile (FMP).

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.

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

- SOF Operator

© 2023 BlackHorse Solutions, a Parsons Company. All Rights Reserved.

CSR Advanced Course Offerings

CSR Advanced – CSR Level 2 focuses on taking the trained CSR Level 1 graduate to the next level and challenges students to find opportunities to employ non-standard communication methods on-line and turn those opportunities into recommendations for action, stressing concept of operations development.

CSR Managers – CSR Level 3 is a 5-day fully immersed scenario-based exercise course for students who are ready to test their capabilities in a live environment conducting a Full Mission Profile (FMP).

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 as CSR Practitionaers by BlackHorse. 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 CASO 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.

CSR Advanced Course Deliverables & Schedule (40 hours)

Day 1	Day 2	Day 3	Day 4	Day 5
• Targeted Threat Modeling • Cryptography • Public Key Infrastructure • Data in Motion	• VPN Procurement • Router Setup • Raspberry Pi Build and Configure • Access Control and Authentication	• Intro to the Cloud • Cloud Service Procurement • Nextcloud Setup • Wireguard Setup	• Wireguard Network • Hidden Services • Onionshare • Team Comms Planning • Team Comms PE	• Nebula • Full Mission Profile Exercise

Al Merino / Vice President Technical Operations
6415 Brookstone Ln #104 & #201, Fayetteville, NC 28314
Al.Merino@blackhorsesolutions.com / (910)-286-1743

More Info and Enrollment!

We offer the option to join an open enrollment course, or 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

© 2023 BlackHorse Solutions, a Parsons Company. All Rights Reserved.