



SEARCHING DATA  
OVERVIEW

## COMMERCIAL SIGNATURE REDUCTION (CSR)

Train to Protect Personal, Professional, and Operational Data

### Course Overview

Commercial Signature Reduction (CSR) focuses on advanced commercial best practices for digital data protection techniques, enabling safe virtual online operations. The training equips students with skills to meet Electronic Security (ES), Signature Reduction (SIGREDUX), Digital Identity Management (D-IDM), and Digital Operational Preparation of the Environment (D-OPE) requirements.

The CSR curriculum emphasizes hands-on practical scenarios, instruction on various methods, techniques, and tradecraft. The focus is on learning new skills rather than the technology or tools. The training program has proven successful in creative problem-solving, reducing digital exposure, and honing SIGREDUX skills.

### CSR Framework and Skills Taught

Students learn a comprehensive SIGREDUX methodology, using various tools and applications to protect personal, professional, and operational information. Training includes cutting-edge technologies such as open-source programmable routers, virtualized secure platforms, and anonymous data delivery methods.

### CSR: Quick Facts

- 5-day all-inclusive training program.
- Understand SIGREDUX tradecraft for mobile device and communication security
- Deploy open source programmable routers, virtualized secure platforms, and anonymous data delivery methods

### The CSR Difference



Thinking Person's Course: Focus on threat modeling and appropriate tool or technique application.



Tool Agnostic: Evaluation of tools without dependence on specific applications, hardware, or software.



Practice-Based: Building a comprehensive framework based on individual threat analysis and 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** – One of our most popular offerings, CSR Basic, is designed for organizations seeking to reduce their digital exposure. This training covers protecting personal information online, securing home networks, and protecting hardware at home and while traveling. It includes understanding exploitation techniques for mobile devices and communications, and protection methods.

**Executive Seminar** – Tailored for leadership, this seminar can be delivered in as little as 2 hours or up to two days, focusing on authorities, policies, mission applicability, and use cases.

## Certification

Graduates are eligible for certification upon meeting all requirements, recognized for proficiency in the skills and methods acquired during the program.

## Delivery Options

CSR courses are available in-person at our Herndon, VA, or Fayetteville, NC locations. Mobile training teams can also provide tailored courses at your location.

## Distance Virtual Learning

Our secure instructional platform uses US Government approved encrypted solutions through Office 365 applications, compliant with ISO 27001, ISO 27018, EUMC, SOC 1 Type I & II, SOC 2 Type I & II, HIPAA, and FERPA. The platform enforces multifactor authentication and industry best practices for information assurance.

Day 1	Day 2	Day 3	Day 4	Day 5
<ul style="list-style-type: none"><li>• Threat Modeling</li><li>• Basic Computer Security</li><li>• Virtualization</li><li>• Verifying File Integrity</li></ul>	<ul style="list-style-type: none"><li>• Account Authentication</li><li>• Data at Rest</li><li>• Data Erasure</li><li>• Veracrypt and Steganography</li><li>• OnionShare</li><li>• Review / Q&amp;A</li></ul>	<ul style="list-style-type: none"><li>• Browser Hardening</li><li>• Data in Motion</li><li>• TOR Network</li><li>• WiFi Security</li><li>• Review / Q&amp;A</li></ul>	<ul style="list-style-type: none"><li>• Mobile Device Security</li><li>• Wardriving</li><li>• Mobile Device Vulnerabilities</li><li>• Review / Q&amp;A</li></ul>	<ul style="list-style-type: none"><li>• RFID</li><li>• Identity Management</li><li>• CSR Review</li><li>• CULEX and Graduation</li></ul>

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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:

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