PARSONS

# Commercial Signature Reduction - Cellular (CSR-C)

The Future of Information Dominance

## Course Overview

Parsons Technical Operation Group's CSR-C™ instruction offers comprehensive training focused on Commercial Signature Reduction for Cellular Networks. This course enables participants to master commercial best practices for mitigating the vulnerabilities of cellular networks and mobile devices

This five-day course is designed to equip students with the knowledge and practical skills necessary to minimize their digital footprint and protect their personal information while using commercial cellular devices. With ever-growing threats to mobile security, especially for individuals in transit, this course covers the full spectrum of cellular technology, from devices selection and hardening operating systems to secure app procurement, usage and advanced privacy techniques.

Delivered at our central training location or at the customer site, this course immerses participants into a secure mobile environment focused on cellular device security and digital signature reduction. Instructors tailor the course content to address the specific operational needs and objectives of each client, ensuring a personalized and mission-aligned training experience in the rapidly evolving landscape of mobile security and Ubiquitous Technical Surveillance (UTS).

## Certification

CSR instructors deliver a dynamic learning experience through a blend of interactive instruction and carefully designed, hands-on mobile security scenarios. Students are challenged to master real-world situations involving cellular network security, device hardening, and digital signature reduction while applying their skills during practical exercises. Upon successful completion of the CSR-C capstone, graduates earn a certificate for advanced proficiency in cellular security, mobile privacy best practices, and digital signature reduction techniques.

## CSR-C Quick Facts

- This program is delivered over five focused days, providing comprehensive hands-on training in cellular security and digital signature reduction.
- The course places a strong emphasis on real-world techniques for protecting personal information, reducing digital footprints, and securing mobile devices against evolving threats.
- Curriculum and content are continuously updated to keep pace with the latest advancements in cellular technology, mobile operating systems and emerging threat landscapes.
- Students learn and practice on a wide range of commercial devices, ensuring skills are directly applicable to real-world scenarios and operational needs.
- This course can be delivered through Mobile Training Teams (MTTs) or in person sessions, allowing for maximum flexibility to meet organizational needs.
- All sessions are led by experienced members of the Commercial Signature Reduction (CSR) Team, providing students with access to industry-leading expertise and guidance.

"Excellent class, should be required for all service members before deploying." – Civil Affairs SGM

"Great instructors and great class! Would recommend to everyone I work with." – JSOC

## Skills Taught

| Prepare | Train | Techniques | Understand | Procedures |
|---|---|---|---|---|
| • The CSR-C Framework<br>• OS set-up<br>• Cellular Tower Considerations and risks<br>• PACE plans<br>• Signature reduction<br>• Fundamentals of search engines, VPN's, end-to-end encryption apps and phone radios | • Risk management<br>• Network architecture<br>• User's digital fingerprint<br>• Cellular TTP's to reduce presence | • Configure hardened OS on cellular devices<br>• Configure pocket router with security protocols<br>• Specialized configurations and apps for phones<br>• Practical Exercises | • Understanding Cellular Networks and security<br>• Can deploy pocket router in transit to protect self and/or team<br>• Can safely reduce cellular fingerprint while transiting or working in a foreign country | • Cellphone is unique to the user<br>• Phone can be prepared in a faraday environment to reduce the country of origin fingerprint<br>• Can stand up managed attribution network<br>• Minimized digital fingerprint, protecting the user and mission |

## Delivery

The CSR-C course offers flexible delivery options to meet the needs of diverse operational environments. Training can be conducted in person at our state-of-the-art facilities in Herndon, VA, or Fayetteville, NC, or brought directly to your team through Mobile Training Teams (MTTs), who deliver customized instruction at your location. Our instructors, all holding appropriate security clearances, are equipped to provide training in any environment that meets the required security standards, guaranteeing both flexibility and compliance with your organization's operational security protocols.

### 5-Day Comprehensive Program

Complete program covering cellular network and infrastructure, threat modeling, account authentication, Wi-Fi augmentation, managed attribution, encrypted applications and managers, digital signature reduction and communication PACE plans.

We offer the option to join an open enrollment course, or to create  a contracted, dedicated course to meet your organization's customized operational requirements.

For contracted training and price quotes please send all inquiries to: togtraining.parsons@parsons.us

## Missions and Skills Supported

Parsons TOG instructors bring specialized training and a wealth of experience in analyzing PAI across the Department of Defense, Intelligence Community, law enforcement, and the private sector. Our diverse clientele includes leading corporations, universities, and elite special operations units, all benefiting from our expertise in supporting a wide range of complex missions and problem sets.

- All Source & Open Source Intelligence
- Civil Affairs
- Counter-Terrorism
- Counter-Threat Finance
- Counterintelligence
- Digital Communications
- Force Protection
- Identity Management & Signature Reduction
- Information Operations
- Military Deception
- Operational Security
- Preparation of the Digital environment
- Public Affairs
- Targeting
- Threat Intelligence

More Info and Enrollment!

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