

Why CASA is Now Required to Maintain CCME Certification



At Cellebrite, we continuously evolve our training and certification programs to align with the latest digital forensics best practices. The introduction of the *Certified Advanced Smartphone Analyst (CASA)* course as a requirement to maintain the *Certified Cellebrite Mobile Examiner (CCME)* certification is a necessary step to ensure that examiners remain proficient in modern forensic techniques.

Why was this change made?

Mobile device technology has advanced significantly in recent years, with smartphones now capable of storing **1TB or more of data**. Extracting and analyzing this data requires forensic examiners to go beyond the foundational skills taught in the *Cellebrite Certified Operator (CCO)* and *Cellebrite Certified Physical Analyst (CCPA)* courses.

How does CASA address these advancements?

- **Advanced Extraction Techniques:** Today, a **full file system extraction** is the best practice for mobile forensic investigations. This technique provides deeper access to critical artifacts like encrypted application data and system logs—capabilities that go **beyond CCO and CCPA**.
- **Interpreting Application Data:** Apps such as WhatsApp, Signal, and Telegram store user communications in database structures that require more sophisticated analysis than was necessary in the past. CASA ensures examiners can **properly interpret and validate** this evidence.
- **Courtroom Readiness:** As digital evidence faces increasing legal scrutiny, examiners must demonstrate **current, industry-standard expertise** when testifying. CASA ensures professionals maintain a **defensible and up-to-date skillset** in court.

Why is this additional requirement necessary?

The forensic landscape is constantly evolving, and staying ahead of new challenges requires continuous education. The addition of CASA is not about adding complexity but about **providing professionals with the most relevant and necessary expertise** to handle today's investigations effectively.

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