

THE TOOLS OF THE FUTURE:

# Are You Prepared for What Comes Next?

Forensic science is one of the most rapidly evolving fields outside of medicine. Discover how the field has moved towards more holistic, accurate documentation over time.



THE TOOLS OF YESTERDAY

## The Roots of Forensic Analysis

**44BC** The first recorded autopsy is performed on the body of Julius Caesar. [Source.](#)

**1248** The Chinese book *Hsi Duan Yu* is the first documented application of medical knowledge and entomology to solve crimes. [Source.](#)

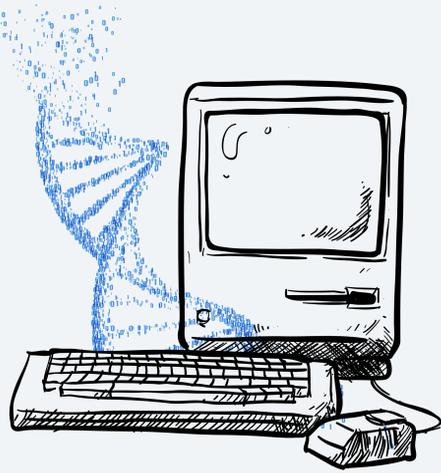
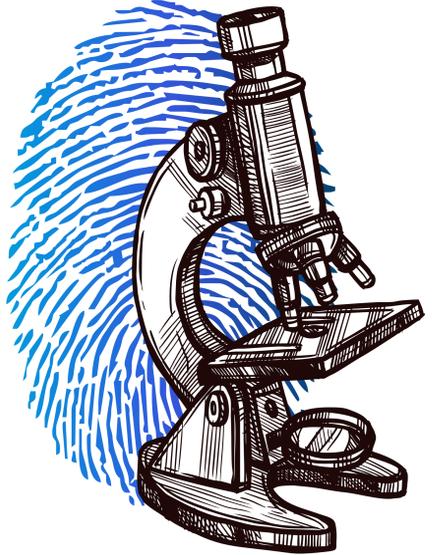
## Physical Analysis Sees Rapid Advancements

**1859** Photography makes it into courtrooms in the U.S. for the first time, twenty years after the daguerreotype process was invented by Louis-Jacques-Mandé Daguerre. [Source.](#)

**1910** Edmond Locard, “the Sherlock Holmes of France,” establishes the Locard Exchange Principle, setting the foundation for forensic science and criminology. [Source.](#)

**1953** James Watson and Francis Crick make the groundbreaking discovery of the double helix, the distinct twisted-ladder structure of deoxyribonucleic acid (DNA). [Source.](#)

**1960s** Laser scanning technology is invented in 1960 and is soon used across multiple fields over the following decade. [Source.](#)



## The Beginning of Digital Forensics

**1988** The first appellate court decides to uphold the admission of DNA evidence. [Source.](#)

**1992** The FBI forms the Computer Analysis Response Team (CART). [Source.](#)

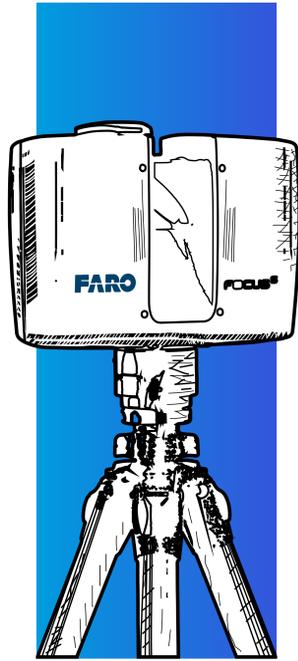
**1999** The Automated Fingerprint Identification System (AFIS) is founded. [Source.](#)

## 3D Data Capture Comes on to the Scene

**2010s** More agencies adopt 3D scanning technology as the first successful prosecutions using 3D technology are seen. Agencies begin to see the value in decreased on-scene time and lowered risk for investigators using these tools. [Source.](#)

**2018** Images and 3D data from both drones and laser scanners work together for efficient and effective crash investigations. [Source.](#)

**2020s** New developments in 3D handheld scanners for forensics introduce new ways to capture objects and surroundings in 3D using mobile reality capture and virtual reality. 3D Capture technology rapidly grows more holistic and soon becomes the new standard for scene documentation. [Source.](#)



## Learn how 3D capture can empower you

Breakthroughs in the field of forensics are here. Learn more about how 3D solutions on the market and tools like the FARO® Freestyle 2 Handheld scanner that keep your team one step ahead.

[Learn More](#)

