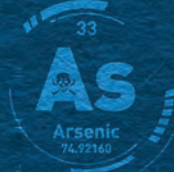


# THE HISTORY OF CRIMINALISTICS





We live in a dangerous world, where crimes take place more often than we might think. But, fortunately, there is no such thing as a perfect crime. Thanks to scientific discoveries made over the past two centuries we are now able to track wrongdoers. Ballistics, identification, fingerprinting, tracology, toxicology, forensics... Behind each of these words is a story of crime and punishment and a triumph of logic and justice.

To these discoveries and the people who made them, we dedicated a 6-episode docudrama - The History Of Criminalistics. Amazing historical reconstructions, breathtaking computer graphics and captivating stories will take the viewer on a journey through the world of ingenious crimes and brilliant detectives.

The episodes bring to light the names of scientists, doctors, researchers and law enforcement officials, who've done their best to give us a sense of safety and boost our belief that any crime can be solved. We will revisit the crimes that once shook the world and the riddles and mysteries that seemed unsolvable.

The series will guide us through the dangerous but incredibly interesting world of criminalistics – a ride you won't soon forget.



A circular button with a glowing blue border and a fingerprint icon in the center. A purple play button icon is overlaid on the fingerprint.

view TRAILER

A circular button with a glowing blue border and a fingerprint icon in the center. A purple play button icon is overlaid on the fingerprint.

view EPISODES



# THE FACTS

format: **6 X 44 MIN**  
genre: **DOCUDRAMA**  
produced by: **FILM.UA , SIGNAL RED**



# EPISODES

Episode 1 - **CRIMINAL IDENTIFICATION**

Episode 2 - **DACTYLOSCOPY**

Episode 3 - **BALLISTICS**

Episode 4 - **FORENSIC MEDICINE**

Episode 5 - **POISONS AND TOXICOLOGY**

Episode 6 - **DNA AND OTHER TRACE EVIDENCE**





## Episode 1 CRIMINAL IDENTIFICATION



Identification of the perpetrators has always been a challenge in criminalistics. However, at the end of the XIX century a Frenchman, Alphonse Bertillon, developed a scientific method to identify offenders. This technique later helped him crack the Ravachol's case and convict the anarchist and master of disguise. Bertillon has developed an anthropological technique of anthropometry, which combined detailed measurement and classification of unique features with frontal and profile photographs of suspects. This very method is still in use in modern day criminalistics and has been computerized for more accurate measurements and better record-keeping. Interpol investigations heavily rely on anthropometric data based on the system invented by Alphonse Bertillon. Bertillon also contributed to the systematization of crime-scene photography and introduced mug shots. These inventions remain in place to this day.



## Episode 2

### DACTYLOSCOPY

*Beginnings of Fingerprinting — 1840-1860*



Back in the day when the French claimed something was inconceivable they would say: "It's as impossible as stealing the Mona Lisa from the Louvre". However, the impossible happened and people had to conceive the inconceivable. On August 22, 1911 Leonardo da Vinci's masterpiece was stolen right off the wall of the Louvre. There were no witnesses and the perpetrator didn't leave any traces except a clear fingerprint, which later led to the capture of the thief. A police officer, William Herschel, was the first to draw attention to the uniqueness of papillary pattern on human fingers and palms. Ever since Herschel more crimes have been solved based on fingerprint evidence than any other.





## Episode 3 **BALLISTICS**



Let's think of the most infamous assassinations of the 20th century. The assassination of the Russian Prime Minister Pyotr Stolypin in 1911, John F. Kennedy in 1963, Martin Luther King in 1968, John Lennon in 1980 and Indira Gandhi in 1984. What do these high-profile crimes have in common? We all know of the effect these murders had on common people, we know they changed the course of history. What we probably didn't know is that ballistics played a critical role in solving these crimes.

Just like there are no two identical fingerprints there are no two identical guns. If a bullet casing is found at the scene, the experts can trace it to the gun it was fired from. The ballistic fingerprinting technique was developed in the 1920s by Charles Waite, John Fisher, Philippe Gravel and Calvin Goddard. In 1929 this very method helped bring to justice one of Al Capone's gunmen and marked the beginning of the end of Capone's career.





## Episode 4

# FORENSIC MEDICINE



The history of forensic medicine can be traced back to ancient times. People have been trying to understand the cause of death for centuries. Doctors have been examining human bodies, performing autopsies and even attempting primitive chemical analyses. But they were not able to determine the precise cause of death till the end of the XIX century. A Frenchman, Alexander Lacassagne, was a principal founder of medical jurisprudence. Briton Bernard Spilsbury also played a crucial role in developing the field. He claimed that forensic scientists should give up on being mere scientists but should also take on the role of a detective. Thus Spilsbury wielded a powerful tool, which has become the cornerstone of forensic science today.





## Episode 5 POISONS AND TOXICOLOGY



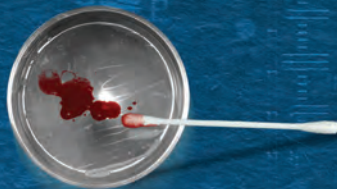
Ever since the first person died of poisoning, people have been trying to figure out ways to prove criminal intent. This journey proved to be a rather thorny maze: poisons caused symptoms similar to those of a deadly disease and there was no known way to detect a poison in a human. In the 19th century, however, Mathieu Joseph Orfila managed to systematize knowledge of numerous toxic substances and refined the testing technique. This same technique helped him find direct toxicological evidence to bring Marie Lafarge to justice.

Рис. 8. Аппарат Марша.





## Episode 6

**DNA AND OTHER TRACE EVIDENCE**

Back in the day science was not as deeply rooted in criminalistics as it is today. Scientists were called upon by investigators only if the latter thought it necessary, scientists had no legal authority and only appeared in court as expert witnesses. There was no unified scientific method of gathering and examining evidence and criminal investigations mostly relied on witness testimony. An Austrian criminal jurist, Hans Gross, almost singlehandedly reshaped the playing field. He integrated science into criminal investigations thus giving birth to criminalistics. Many of his ideas have become the foundation of criminalistics as we know it today.



ALPHONSE BERTILLON



SIR BERNARD  
SPILSBURY



MATHIEU JOSEPH  
BONAVENTURE ORFILA



CHARLES WAITE



HAMILTON HOWARD  
"ALBERT" FISH



FRANÇOIS EUGÈNE  
VIDOCQ



CLAUDE BERNARD



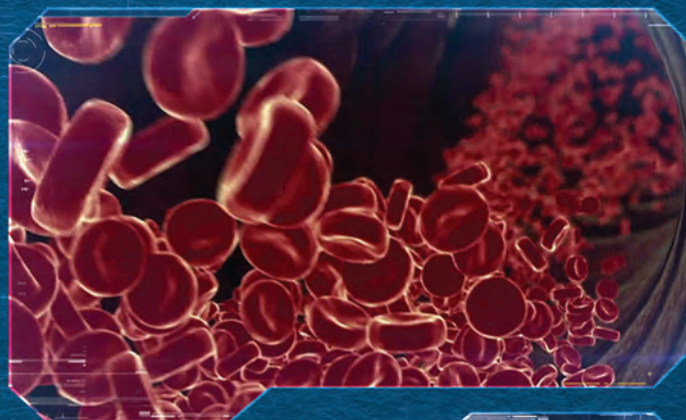
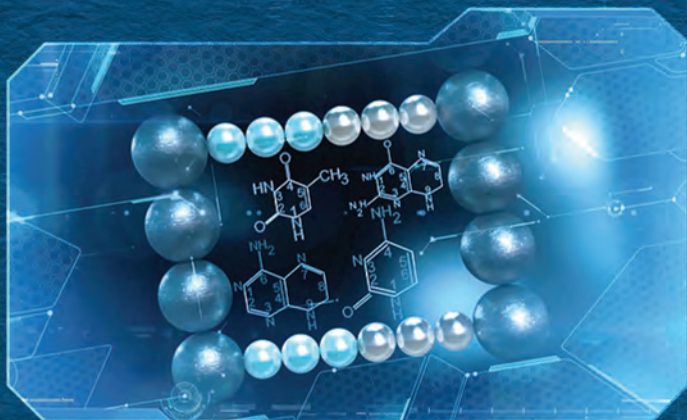


CGI

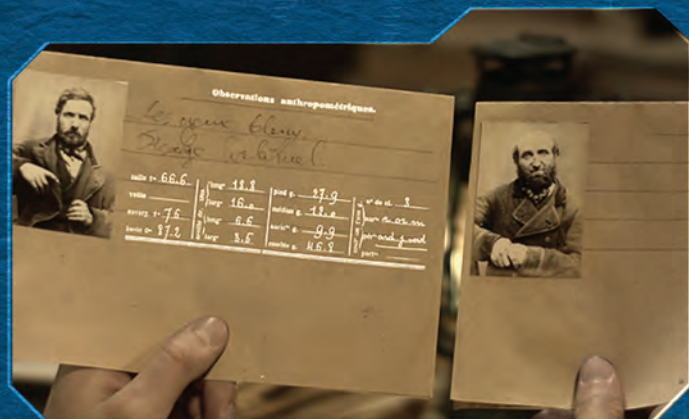








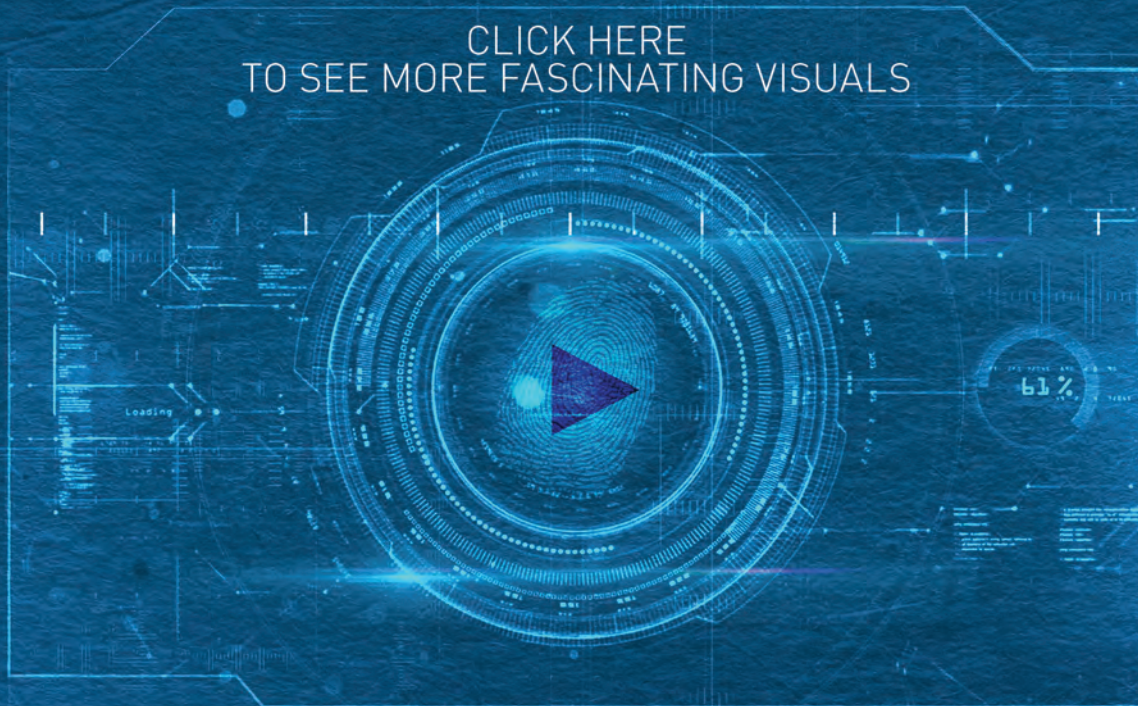






**MIND-BOGGLING SCIENTIFIC CONCEPTS HAVE BEEN MASTERFULLY ILLUSTRATED  
WITH THE HELP OF CUTTING-EDGE VISUAL EFFECTS TECHNOLOGY**

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# KEY POINTS



- CGI is used to a stunning effect to drive the narrative, making the series stand out among other docudramas.
- Appealing visuals open up wider audiences in comparison to regular documentaries. Suitable for prime-time viewing.
- Each episode is a separate story, allowing for both vertical and horizontal blocking.

### POSSIBILITIES FOR LOCAL ADAPTATION

The format provides a tool kit for creation of any number of local adaptations: Local host can be introduced (We offer assistance with filming and visual effects). | 6 x 44 min. **OR**

The series may be edited into separate episodes with a local voiceover and no host. | 3 x 52 min. **OR**

Different cases can be introduced to make the episodes more relevant to the territory: existing reenactments and CGI footage can be used as building blocks to create local versions. | 6 x 44 min.

### COST EFFICIENCY

Proposed episode structure:

Total Duration – 44' | CGI – 10,5' | Reenactments – 21' | Host/narration – 11' | Opening, ending credits, transitions – 1,5'

By having more or less of host screen time / re-enactments / CGI we can produce high impact docudrama to specific budget requirements.

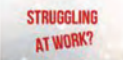


# C21Media

An established international media publication, C21, on the History of Criminalistics:

Home > News > Channel Ukraine reveals forensic secrets







## Channel Ukraine reveals forensic secrets

Media Group Ukraine's general interest network has ordered a new six-part docudrama that traces how forensic science techniques have been developed to solve high-profile crimes.

History of Criminalistics (6x44') will air on Channel Ukraine during 2014 and explore how detectives have created new techniques over the past century to reveal the culprits behind thefts, murders and bomb blasts.

The series has been produced by Kiev's Film.UA and Signal Red and uses computer reconstructions and reports from court to enable viewers to follow how investigations progressed.

Crimes featured in the series include the theft of Leonardo de Vinci's Mona Lisa from the Louvre in Paris, with episodes exploring how fingerprinting, ballistics and toxicology techniques were developed and refined.

Richard Middleton  
30-01-2014  
©C21Media

GENRES: Crime  
SHOWS: History of Forensics  
COMPANIES: Channel 1, Film UA, FILM UA Group  
SECTIONS: C21Factual  
COUNTRIES: Ukraine










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TO SEE A FEW EXAMPLES OF OUR WORK

view **SHOWREEL**





CLICK HERE TO SEE AN EPISODE OF SIGNAL RED'S  
DOCUDRAMA SERIES, THE GREAT DREAMERS





# ABOUT US





FILM.UA GROUP is a leading Ukrainian media company and a creative powerhouse, firmly established both in CIS and beyond. Through vertical integration of all key film and TV production processes (development, production and adaptation, distribution and delivery) FILM.UA GROUP is a perfect base and a one-stop destination for the production of projects of any scale and complexity. Today FILM.UA GROUP is comprised of over 20 companies geared up to make sure that your project, no matter how ambitious or complex, exceeds expectations and awes audiences.

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## SIGNAL RED

Signal RED, a creative agency and production company, can handles projects of any complexity, starting from concept development all the way to implementation. Signal RED's track record includes major rebranding campaigns, indents and on-air looks for leading Ukrainian broadcasters, as well as TV-project design. The company is excelling in production of special projects and CGI- and VFX-driven docudramas.

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