



Wanderson Castilho

DIGITAL FORENSICS EXPERT

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25+ Years of Experience
6,000+ Investigations
97% Case Success Rate
Operations Across 5 Continents
Legally Authorized in Two Jurisdictions

EXECUTIVE PROFILE

Wanderson Castilho is an internationally recognized authority in cybercrime investigations, digital forensics, and information security. With a background in Physics from the Federal University of Paraná (UFPR), he has built a distinguished career handling high-impact technological cases and providing strategic advisory services to government agencies, corporations, and private clients to protect sensitive data, critical assets, and institutional reputations.

As Founder and CEO of Enetsec, established in 1999, he has directed more than 6,000 investigations involving electronic fraud, intellectual property violations, cyber harassment, data breaches, financial misconduct, ransomware incidents, and advanced persistent threats across enterprise and mobile environments. Under his leadership, the firm expanded internationally, serving clients across five continents and establishing operations in the United States in 2019.

Widely regarded for technical precision, methodological rigor, and strategic judgment, he serves as a technical advisor and expert witness in complex litigation. A frequent contributor to Brazilian and U.S. media, he engages in high-level discussions on cybersecurity, privacy, and digital governance. Author of four books and architect of professional training programs, he continues to advance the field of digital forensic science worldwide.

KEY ACCOMPLISHMENTS

- Supported U.S. law enforcement in a high-profile human trafficking investigation by identifying the precise site-level location of a kidnapped victim through advanced digital forensic tracking. Successfully traced the victim's cross-state movement from Arizona to Tennessee, enabling rescue and case resolution within 24 hours.
- Led the landmark investigation into revenge pornography in 2007, directly contributing to the enactment of the Rose Leonel Law (Law No. 13,772/2018) in Brazil, establishing criminal liability for the non-consensual distribution of intimate digital content and strengthening victim protection nationwide.
- Featured in the HBO Max series *"Naked on the Net"* (2026), he served as the digital forensic expert who led the investigation and solved the case.
- Played a decisive role in uncovering a large-scale fraud scheme within a Brazilian state lottery, exposing systemic manipulation mechanisms and leading to criminal prosecution, regulatory reforms, and enhanced transparency in state-controlled gaming operations.
- Developed advanced methodologies for reverse engineering complex malware, enabling the identification of hidden structures and behavioral patterns, while applying sophisticated decryption techniques to recover, secure, and validate sensitive data critical to high-level cybersecurity and forensic investigations.

EXPERT WITNESS AND FORENSIC CONSULTING EXPERIENCE

Extensive experience serving as an expert witness and technical consultant in complex civil, criminal, and corporate litigation in the United States and Brazil. Recognized for delivering court-admissible forensic analyses, independent technical opinions, and defensible expert testimony in high-stakes proceedings.

Representative Cases

United States

50-2022-CA-003787-XXX-MB
502020-CA-013931-XXXX-MB
50-2021-DR-007020-XXXX-SB
CACE-19-010940

Brazil

0015589-23.2011.8.16.0035
0015665-47.2011.8.16.0035
0016006-73.2011.8.16.0035
0014832-92.2012.8.16.0035
0014838-02.2012.8.16.0035
0015333-46.2012.8.16.0035
0016367-56.2012.8.16.0035
0001964-48.2013.8.16.0035
0020427-38.2013.8.16.0035
0014009-50.2014.8.16.0035
0017673-89.2014.8.16.0035
0002653-35.2015.8.16.0193
0012398-23.2018.8.16.0035
0027980-20.2018.8.16.0017
0008232-11.2019.8.16.0035
0020690-60.2019.8.16.0035
5007383-16.2020.8.24.0125
0015713-54.2021.8.16.0035
0009109-43.2022.8.16.0035
0016203-71.2024.8.16.0035
0017913-29.2024.8.16.0035
0007068-98.2025.8.16.0035

PROFESSIONAL CREDENTIALS

State-authorized Investigator (Florida)

Authorized to conduct civil and criminal investigations in accordance with Florida regulations.

Certified Digital Forensic Expert

Advanced proficiency in industry-leading forensic platforms, including Paraben, AccessData, Cellebrite, and Magnet AXIOM, supporting complex legal and corporate investigations.

EXECUTIVE TRAINING & GLOBAL CERTIFICATIONS

Intrusion Detection System (IDS) – Enterasys Dragon

Comprehensive training in threat identification, anomaly analysis, and continuous monitoring of corporate networks.

Brasília, DF, Brazil

ISO/IEC BS 7799-2 – Information Security Management

Specialized training in the implementation and management of Information Security Management Systems, with focus on risk assessment, regulatory compliance, and institutional data protection.

Brasília, DF, Brazil

Network Forensic Analysis

Advanced instruction in corporate network investigations, including packet inspection, intrusion detection, and digital evidence preservation.

São Paulo, SP, Brazil

Certified Ethical Hacker (CEH)

International certification in penetration testing, vulnerability assessment, and ethical hacking methodologies.

Chicago, IL, USA

Facial Action Coding System (FACS)

Professional training in behavioral and microexpression analysis for investigative and forensic applications.

San Diego, CA, USA

Encryption and Rainbow Table Techniques – AccessData

Executive-level training in cryptographic methods and recovery of encrypted and hashed data.

Washington, DC, USA

Digital Forensic Analysis – Paraben Corporation

Specialized training in mobile device forensics, email systems analysis, and legally compliant data recovery.

Maryland, MD, USA

Advanced Digital Forensics

Comprehensive instruction in forensic imaging, metadata examination, and chain-of-custody procedures.

Salt Lake City, UT, USA

Certified Computing Professional (CCP)

Certification in systems architecture, database administration, and advanced software development.

Des Plaines, IL, USA

Scientific Content Analysis (SCAN)

Specialized training in linguistic and behavioral analysis for credibility assessment and deception detection.

Ontario (ON), Canada

Laboratory for Scientific Interrogation (LSI) – SCAN

Comprehensive specialization in communication pattern analysis and investigative intelligence methodologies.

Tel Aviv, Israel

Digital Forensics – Cellebrite

Specialized training in advanced mobile and digital data extraction, preservation, and forensic validation in accordance with international evidentiary standards.

Digital Forensics – Magnet Forensics AXIOM

Expert specialization in digital evidence correlation, activity reconstruction, and technical validation across hybrid computing environments.

ACADEMIC BACKGROUND

Bachelor's Degree in Physics (1993) – University of São Paulo (USP)

Graduated from one of Brazil's leading academic institutions, with strong emphasis on analytical reasoning, mathematical modeling, and complex problem-solving applied to technological and investigative environments.

BOOKS

100 Critical Facts About the World's Cybercrime

(2018 | English & Portuguese)

A strategic analysis of two decades of cybercrime evolution, examining sophisticated digital threats and their societal impact, with practical guidance on online security and risk mitigation.

Do You Know What Your Child is Doing on the Internet?

(2014 | Portuguese)

A practical guide for parents, educators, and families on digital risks, online safety, and responsible technology use.

Deception: A Multifaceted Issue

(2011 | English & Portuguese)

An applied study on deception detection through behavioral analysis and facial microexpression interpretation in investigative contexts.

The Virtual Detective Manual

(2009 | Portuguese)

A professional reference on digital investigation techniques, privacy protection, and personal cybersecurity strategies based on real case experience.

EDUCATION AND INSTITUTIONAL CONTRIBUTIONS

▪ **Instructor for Civil Police Leadership – Curitiba, PR, Brazil**

Led executive-level training programs for senior law enforcement leaders, focusing on cybercrime investigation strategies, digital traceability, threat intelligence, social engineering risks, and applied forensic methodologies for criminal prosecution.

▪ **Instructor for Federal Judges – Curitiba, PR, Brazil**

Designed and delivered advanced executive education programs for the Federal

Judiciary, emphasizing digital evidence governance, malicious artifact analysis, forensic interpretation, and technical decision-making in complex judicial proceedings.

LANGUAGES

Portuguese (Native)

English (Fluent)