



BIOGRAPHY



UNITED STATES AIR FORCE

Dr. Eoghan Casey

Eoghan Casey is DC3's Chief Scientist (ST) responsible for innovation, enhancing capabilities, strategic collaborations, and advancing standards and practices related to digital forensics and malware/CTI analysis.

Dr. Casey has extensive experience working in digital forensic laboratories in the public and private sectors, and he has analyzed many types of digital evidence to support complex cases. He has contributed to development of advanced capabilities for extracting and analyzing digital evidence, including DC3 SQLite Dissect and DC3 Advance Carver (Patent no. 16/014067).

He has consulted globally with many attorneys, agencies, and police departments on a wide range of digital investigations, and he has helped organizations investigate and recover from severe security breaches, including network intrusions with international scope. Dr. Casey has delivered expert testimony in civil and criminal matters in the United States, Canada, and international tribunals. He has submitted expert reports and prepared trial exhibits for computer forensic and cyber-crime cases.



Dr. Casey wrote the foundational book Digital Evidence and Computer Crime, now in its third edition, and he created advanced smartphone forensics courses taught worldwide.

He has also coauthored several advanced technical books including Malware Forensics, and the Handbook of Digital Forensics and Investigation. Since 2004, he has been Editor-in-Chief of FSI Digital Investigation, publishing cutting edge work by and for practitioners and researchers.

He is Presiding Director of CASE, an international community working together to develop and implement the open source Cyber-investigation Analysis Standard Expression. He performs teaching and related study and expertise at the University of Lausanne, School of Criminal Sciences.

Dr. Casey serves on the Digital Forensic Research Workshop (DFRWS) Board of Directors. He is also an active participant in the NIST Organization for Scientific Area Committees (OSAC).