

Introduction to Solving Crimes in Cyberspace

Investigating Internet Crimes: An

By Todd Shipley, Art Bowker





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Written by experts on the frontlines, *Investigating Internet Crimes* provides seasoned and new investigators with the background and tools they need to investigate crime occurring in the online world. This invaluable guide provides step-by-step instructions for investigating Internet crimes, including locating, interpreting, understanding, collecting, and documenting online electronic evidence to benefit investigations.

Cybercrime is the fastest growing area of crime as more criminals seek to exploit the speed, convenience and anonymity that the Internet provides to commit a diverse range of criminal activities. Today's online crime includes attacks against computer data and systems, identity theft, distribution of child pornography, penetration of online financial services, using social networks to commit crimes, and the deployment of viruses, botnets, and email scams such as phishing. Symantec's 2012 Norton Cybercrime Report stated that the world spent an estimated \$110 billion to combat cybercrime, an average of nearly \$200 per victim.

Law enforcement agencies and corporate security officers around the world with the responsibility for enforcing, investigating and prosecuting cybercrime are overwhelmed, not only by the sheer number of crimes being committed but by a lack of adequate training material. This book provides that fundamental knowledge, including how to properly collect and document online evidence, trace IP addresses, and work undercover.

- Provides step-by-step instructions on how to investigate crimes online
- Covers how new software tools can assist in online investigations
- Discusses how to track down, interpret, and understand online electronic evidence to benefit investigations
- Details guidelines for collecting and documenting online evidence that can be presented in court





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Editorial Review

Review

"Both authors and technical editor Nick Selby have decades of law enforcement and real-world experience, so the book is authoritative and practical. For those needing a guide to get them up to speed on the topic, Investigating Internet Crimes is a great place to start."--Security Management, Investigating Internet Crimes

"...a basic book for the beginner in cybercrime investigation, and it is well written, with many references...a good textbook and can be used as a reference."--*Journal of Forensic Sciences*, November 2014

"This book is written by two authors with extensive, real-world experience in the field, and it shows. Anyone who has felt the need to trace the origins of an attack – police officer, network specialist or individual – will find this an invaluable manual."--*Network Security*, January 1 2014

From the Back Cover

"Cyber-crime, internet fraud, online predators...we think they're being addressed until we become the victims. Today's law enforcement is ill-prepared to address against national security, let alone against our law-abiding citizens. Todd Shipley and Art Bowker are able to communicate what law enforcement responders need to know before they get the call - the information in this book must become a mandatory reference for law enforcement agencies everywhere."

Jim Deal, United States Secret Service (Ret.) and original Supervisor of the San Francisco USSS Electronic Crimes Task Force

"At last..... Informed, pragmatic guidance from two highly experienced professionals who have actually spent time on the front line, not just the classroom. This book is relevant for practitioners working in both law enforcement and within business - every aspiring cyber investigator should have a copy."

Neal Ysart, Director First August Ltd, Information and Corporate Risk Services

About the Author

Todd G. Shipley is a retired Detective Sergeant with over 30 years of law enforcement and civilian experience performing and teaching Internet and digital forensic investigations, speaking internationally, has authored books and articles in the field and holds the Patent for Online Evidence Collection.

Art Bowker (@Computerpo) is a cybercrime expert with over 29 years experience in law enforcement and corrections. His first book, *The Cybercrime Handbook for Community Corrections: Managing Risk in the 21st Century*, describes the process of supervising cyber-offenders. In 2013 he received top awards from both the American Probation and Parole Association (Sam Houston State University Award) and the Federal Probation and Pretrial Officers Association (Richard F. Doyle Award National Line Officer and the Thomas E. Gahl Line Officer of the Year Award (Great Lakes Region)). These awards centered on his promoting awareness and knowledge of cybercrime and tools to control such crimes in the field of community corrections (pretrial, probation, and parole). Bowker is a lifetime member of the High Technology Crime

Investigation Association (HTCIA) and served in various positions on its Executive Committee, including International President in 2008.

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