

EnCase® Forensic and HBGary Responder™

Automatically capture and analyze live memory (RAM or volatile data)

Computer Forensics Investigators, Forensic Practitioners and Incident Responders can use EnCase® Forensic and HBGary Responder™ to explore:

- *Running Processes*
- *User Activity*
- *Open Files*
- *Passwords*
- *Unencrypted Data*
- *Instant Messages*
- *Keyboard Monitors*
- *Rootkits, Trojans and Hidden Objects*

Take Advantage of RAM Analysis:

- *Discover vital artifacts and evidence*
- *Uncover anti-forensic techniques in processes, drivers and DLLs*
- *Expose malware capabilities and behaviors in network communications*
- *Create signatures for remediation*

Use HBGary Responder to Uncover:

- *Stealth Techniques*
- *Registry Keys & Modifications*
- *Loaded Drivers and Modules*
- *Network Socket Information*
- *Malware Survivability*
- *Encryption Key Material*
- *File Packing & Obfuscation*
- *Cryptographic Routines*
- *Remote Command and Control Intelligence*

Preserving physical memory is a complex process

Although some tools can obtain a RAM image, they require investigators to conduct a time consuming manual analysis and cannot scale to meet the needs of larger organizations.

Preserve Critical Evidence

Live memory is an important source of evidence in incident investigations. Subjects often employ stealth techniques to steal sensitive data and/or disrupt day to day activity. Evidence of this type of activity is lost when a machine is turned off. HBGary Responder™ captures volatile memory data, analyzes the content, graphically maps all links and reverse engineers the process.

HBGary Responder allows EnCase® Forensic investigators to:

- Identify operating systems, versions, and service packs
- Provide specific data structures to the operating system
- Identify changes of data structures between versions
- Extract EXE or DLL files and then reconstruct them
- Sort physical memory "Pages" and rebuild as needed
- Add physical memory findings their cases

HBGary Responder™ Field Edition

Responder™ Field Edition is designed for investigators who need to obtain critical information from a fully automated system.

Key features include automated parsing and analysis of physical memory, automated malware analysis and sophisticated reporting tools. It can also recreate the object manager and expose all objects. Suspicious files are extracted, disassembled and scanned for functions, sub-routines, strings or symbols in order to identify potential problems.

HBGary Responder™ Professional

Responder™ Professional is designed for dedicated Forensic Practitioners and Incident Responders who conduct binary analysis in order to implement remediation strategies. Responder Professional contains all Field Edition features, along with powerful proactive threat analysis capabilities. Key features include binary import analysis, runtime binary analysis, advanced interactive graphical visualization and integrated static/dynamic reverse engineering. Professional also offers extensibility through an exposed API and scripting system.

For more information, please contact Guidance Software at (626) 229-9191, or visit us on the web at www.guidancesoftware.com

About Guidance Software

Guidance Software is recognized worldwide as the industry leader in digital investigative solutions. Its EnCase® platform provides the foundation for government, corporate and law enforcement organizations to conduct thorough, network-enabled, and court-validated computer investigations of any kind, such as responding to eDiscovery requests, conducting internal investigations, responding to regulatory inquiries or performing data and compliance auditing -- all while maintaining the integrity of the data. There are more than 27,000 licensed users of the EnCase® technology worldwide, and thousands attend Guidance Software's renowned training programs annually. Validated by numerous courts, corporate legal departments, government agencies and law enforcement organizations worldwide, EnCase is also frequently honored with industry awards and recognition from eWEEK, SC Magazine, Network Computing, and the Socha-Gelbmann survey. For more information about Guidance Software, visit www.guidancesoftware.com.

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