

SPEKTOR® Mobile Digital Forensics Intelligence Solution



A better, faster way to acquire digital evidence

Now you can quickly and automatically identify intelligence or evidence on computers, cell phones and digital storage. Dell's semi- and fully-rugged Latitude™ E6430 ATG and Latitude™ E6420 XFR laptops, together with Evidence Talks' SPEKTOR** triage and imaging software, help users quickly collect and review data from all types of computers, as well as USB & FireWire devices. SPEKTOR® Forensic Intelligence is a fast and forensically sound data acquisition, analysis and review solution designed for digital forensics investigators in high tech crime units, border agencies, special forces, or other agencies that need to quickly identify suspect digital evidence.

Make informed decisions

Designed for relatively unskilled users, a unique touch screen interface guides operators through capturing and reviewing data in a safe and controlled manner, enabling informed decisions in a forensically acceptable way.

Intuitive and comprehensive

Automatic analysis and reporting allows users to quickly browse and view most common file formats including images, multi-media, PDFs, Office® documents, browser activity, e-mail, chat logs, profile settings, details of previously attached storage devices, recent file activity, network setting, installed software and much, much more.

Built on proven scanning technology from Evidence Talks Ltd., SPEKTOR® scans target devices with incredible speed, ensuring minimum "time on target". It achieves this performance by filtering out unwanted material during the scan.

Existing solutions can be slow and even miss data because they perform tasks such as keyword searches or hash matching during data collection. SPEKTOR® overcomes this by using the performance of the Latitude™ ATG or XFR. You get to the results faster and without missing potentially important data.

A uniquely flexible solution

Designed for flexibility in the lab or on target, SPEKTOR® Collectors can be configured in seconds to acquire data from Windows®, Mac or Linux computers via a USB port. The SPEKTOR® hardware also has write-protected USB and FireWire ports enabling you to quickly acquire data from directly connected devices such as memory sticks, MP3 players, (using the supplied multi-format card reader) and, using an adapter, from PATA or SATA hard disks. Each SPEKTOR® also includes two unique features:

- Remote access: Allows the operator to grant secure remote access, over any network, to the SPEKTOR® hardware so that collected data can be remotely reviewed.
- Remote update: One-click secure internet update ensures SPEKTOR® always has the latest capabilities installed.



Semi-rugged E6430 ATG



Fully-rugged E6420 XFR

Fast

Configure and deploy in seconds

Easy to use

Intuitive touch screen interface, reusable collection profiles

Simple yet comprehensive

"Plug and Go" design can be deployed by anyone with a few minutes training

Forensically acceptable

Efficient and forensically sound process, data is captured and reviewed without compromise

Flexible

Works on PCs, Mac, Tablet PCs and FireWire devices such as memory sticks, MP3 players, hard disks and memory cards

Powerful

Automatically examines data, delivering detailed results within minutes of capture

Supported

The 24hr** SPEKTOR® support site gives automated updates, FAQs and access to trained support experts

Hash Matching

Detects known files quickly using user defined or imported hash lists

Encryption Detection

Identifies a range of encryption including PGP Bestcrypt, Truecrypt, Steganography and Camouflage

Dell's semi- and fully-rugged Latitude™ E6430 ATG and E6420 XFR

Built to withstand pounding rain, blowing dust and dirt, extreme temperatures, accidental drops and more, Dell's semi- and fully-rugged Latitude™ ATG and XFR laptops rise to the tough challenges of the most demanding environments.

Learn more at:

dell.com/forensics
dell.com/semirugged
dell.com/fullyrugged

- Dell's exclusive Ballistic Armor™ Protection System is designed to meet and even exceed real world and military standards MIL-STD-810G
- PrimoSeal™ technology allows for an IP-65 ingress protection rating
- QuadCool™ Thermal Management System allows the XFR to meet the MIL-STD for temperature extremes and enables excellent performance while running advanced Intel® Core™ i5 and i7 processors

* SPEKTOR® is a registered trademark of Evidence Talks Ltd. ** 24hr availability is not guaranteed and is subject to scheduled downtime for maintenance and events outside of the control of Dell. Dell Corporation Limited, Reg. No. 02081369, Dell House, The Boulevard, Cain Road, Bracknell, Berkshire RG12 1LF. Pictures are for illustration only. Colour and design details may vary. Microsoft, MS and Windows are registered trademarks of Microsoft Corporation. Intel, and Intel Core, are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

SPEKTOR® Forensics Intelligence product features

Features	Comments
Forensic Triage supports: <ul style="list-style-type: none"> • Computers (PCs, Apple Macs and Linux) • Volatile memory (32bit and 64bit) • USB and other removable devices • Memory cards • Loose hard disks • Cell phones • Satellite Phones • Satellite Navigation Systems 	<p><i>Quickly collect and safely review data from computers and all other data storage devices without changing potential evidence. Collects the contents of volatile memory (RAM) when performing live collections from Windows® PCs. Supports Garmin SAT NAV systems.</i></p>
Process Driven & Touch Screen Interface	<p><i>Enforces total control and audit of entire triage lifecycle. Collected data is grouped using easily interpreted icons, representing key and relevant data collection categories.</i></p>
Forensically & Evidentially Sound	<p><i>SPEKTOR® incorporates comprehensive and class leading audit logging of all collection events, user actions and analysis processes, complying with forensic best practices.</i></p>
Logical and Intuitive Presentation of Data	<p><i>SPEKTOR® presents results in a clear, accurate and easy to use interface helping you make informed decisions later.</i></p>
Create unlimited, reusable collection profiles	<p><i>An easy to use wizard helps the user create powerful profiles that balance collection speed with effectiveness ensuring they don't miss vital evidence.</i></p>
Secure Remote Access	<p><i>Moving from the need to know to the need to share, SPEKTOR®'s unique remote access feature allows backroom experts to immediately and securely assist front line users.</i></p>
Linux GTK Operating System	<p><i>SPEKTOR® runs on an enhanced and secure Linux OS but with its intuitive touch screen, process driven and user friendly interface, the operator needs no Linux knowledge at all, SPEKTOR® keeps everything under control.</i></p>
Forensic Imaging– Physical & Logical	<p><i>Creates forensic images in a variety of proprietary imaging formats such as: EnCase, FTK, SMART and DD.</i></p>
Fast Data Collection	<p><i>Our unique ultra-fast collection technology means SPEKTOR® completes connections within minutes reducing time on target to the absolute minimum.</i></p>
MacBook – Triage & Imaging Support	<p><i>Often regarded as being notoriously difficult, even for skilled forensic personnel to image, SPEKTOR® makes it simple to triage and image the latest MacBooks.</i></p>
User Manual & Help	<p><i>At the touch of a button, the user can read a comprehensive manual, get contact details for support or select the language for the user interface.</i></p>
Dynamic Analysis Engine	<p><i>Rapid and fully automatic analysis of collected data which is clearly and intuitively presented.</i></p>
Images	<p><i>Supports all image formats with lightning fast gallery view including comprehensive metadata analysis and searching.</i></p>
Documents	<p><i>Displays cached pages, history and search terms used in the browsers. Also recovers account information, passwords & auto-form field entries.</i></p>
Windows Registry Artifacts - System Info	<p><i>Plays and extracts metadata from all common audio and video formats, including movies taken with the latest smartphones.</i></p>
Comprehensive E-mail Review for: MS Outlook (PST & OST), Windows Live, Hotmail, EML, MSG, New mailbox formats added regularly	<p><i>Browse, search and review important registry details such as User Accounts, USB device usage, network settings, most recent file activity, installed software and much, much more.</i></p>
Instant 'web-speed' searches	<p><i>Searching is not limited to pre-defined keyword lists. All the collected data is indexed and can be instantly searched to maximize the chances of finding critical data.</i></p>
Encryption Detection & Password Recovery	<p><i>SPEKTOR® scans all fields collected and will identify a wide range of encryption including: PGP Bestcrypt, Truescrypt, Steganography & Camouflage.</i></p>
Multimedia	<p><i>Browse, filter, sort and view all common office file types. All content is indexed and instantly searchable.</i></p>
Indexing & Fast Keyword Searching	<p><i>Results data is rapidly indexed and searched using multiple user defined keyword lists.</i></p>
Hash Matching	<p><i>Finds known files fast using multiple, user defined hash lists.</i></p>
Browser Activity Review for: Internet Explorer, Google Chrome, Firefox and Opera	<p><i>SPEKTOR® processes common webmail and office email automatically, presenting the results just like an email client, making email review brilliantly simple. Everything, including attachments, are instantly searchable.</i></p>
Chat Review for: Skype, MSN Messenger and Yahoo! Messenger	<p><i>Displays and indexes chat conversations, accounts, passwords and contacts.</i></p>
Export Function	<p><i>Users can choose to export all files or just those which have been "tagged" for export. Exported data includes a separate clear report together with a detailed file listing. Fully supports import to i2 and similar systems.</i></p>



Fully-rugged XFR

Semi-rugged ATG