UNIFIED DIGITAL FORENSICS PLATFORM

EXTRACT. EXPLOIT. EXAMINE.

PRODUCT CATALOGUE

About Us

MCM Solutions exists to help solve the security challenges of the 21st century

We are the creators of the Detego® Unified Forensics Platform, an end-to-end suite of modular digital forensics tools which are used globally by Military, Law Enforcement, Intelligence Agencies and Enterprise Organisations. With today's investigators faced with an onslaught of digital devices and the corresponding mass of data that's created, Detego® has become the go to toolset to rapidly acquire, analyse and act on evidence and intelligence.

MCM Solutions is proud to employ the brightest software development talent, led and supported by a world class senior management team from the Military, Law Enforcement, Government and Technology Fields.

Personal service, global reach

40+ partners in 36 countries, supported from six office locations:

United Kingdom - Global Headquarters
London

United States
Washington D.C.

United Arab Emirates
Dubai

South Africa
Cape Town
Johannesburg

Kenya
Nairobi

Executive Team

Dave Kirk
Chief Executive Officer

Dave has spent over 30 years in the technology industry designing, developing and implementing large scale IT systems. He founded MCMS in 2003 and has overseen the rapid growth and transformation of MCMS from a self-funded start-up into a global force in digital technology solutions.

Admiral Lord West
Chairman of the Board

GCB DSC PC ADC, Former First Sea Lord, Minister for Security and Counter Terrorism, Chief of Defence Intelligence, Commander-in-Chief Fleet, NATO Commander-in-Chief East Atlantic and NATO Commander Allied Naval Forces North. As Parliamentary Under-Secretary of State at the British Home Office, he had responsibility for security and counter-terrorism advice to the Prime Minister and Cabinet. Also of note, he was the UK's first ever Cyber Security Minister and produced the UK's first Cyber Security Strategy.

Sir John Murphy
Ambassador &
Strategic Advisor

Sir Jon Murphy formally one of the most senior UK police officers, was awarded the Queen's Police Medal in 2007 and knighted for services to policing in 2014. He remains active within the policing field, having accepted a position as Professor of Advanced Policing Studies for Liverpool's John Moore's University and on behalf of HMG carried out a comprehensive review of security at the houses of Parliament, following the Westminster terrorist attack in June 2017, and other strategic reviews on policing issues.

Oliver Hoare
Non-Executive Director

Oliver was Head of Cyber Security for the London 2012 Olympic and Paralympics Games, being responsible for the cyber security assurance programme across the games-wide domains, including the UK's critical national infrastructure and Olympic supporting networks. he is currently consulting on the Tokyo 2020 Olympic Games.

John-Paul Backwell
Global Sales &
Marketing Director

John-Paul leads a phenomenal global sales and marketing team focused on delivering high velocity growth. Throughout his 20-year career, John-Paul has held numerous senior leadership roles whilst achieving exceptional success in developing international markets for innovative and disruptive technologies.

Andy Lister
Business Development
Director

Andy had a military career spanning over 18 years - 9 years in the Royal Marines and 9 years within a Tier one Specialist Unit. He has vast experience of full spectrum direct and sensitive operations. He was commended by SO15 command for his contribution to counter terror policing and Sensitive Site Exploitation (SSE) development. Andrew spent his last 4 years as the organisational lead for Digital Media Exploitation (DOMEX) capability development and tactical exploitation: SSE, Tactical Media Exploitation (TME) and Media Exploitation (MEDEX) including conventional overt and covert forensics.

Simon Warren
Professional Services
Director

Simon was Lead Digital Forensic Investigator for the Met Police, SO15 with over 20 years policing experience on multiple counter-terrorism operations and other sensitive inquiries such as the Official Secrets Act offences and organised international crime. Simon developed digital evidence in numerous cases leading to the conviction of multiple suspects for terrorism and organised crime offences, both UK and overseas.

Our Customers

> We have used Detego® constantly in both field deployments and within our labs, greatly affecting a wide variety of criminal investigations and serious organised crime intelligence gathering operations.

> In my many years of examining digital devices, I can boldly say that the Detego® software is a tool that all Forensic Examiners should have in their labs. I would gladly recommend it to my colleagues in other sister agencies.

Our Solutions

On-Scene Forensics

- The world's fastest forensic imaging solution.
- Rapid automated triage solution.
- On-scene extractions of mobile devices.
- Covert and overt exploitation tools.
- Portable, ruggedised tablets for frontline operators.

Forensic Lab Solutions

- Rapid automated extractions and examinations for removable media, computers or hard drives (HDD & SSDs) and mobile devices.
- Full suite of automated analysis tools to produce actionable intelligence.
- Advanced link analysis tools.
- Detailed and customised report generation.
- Integrated Case Management.

Enterprise Solutions

- Bespoke solutions based on the Detego® Workflow Management System.
- Investigative and Exhibit Case Management Solutions.
- Endpoint threat detection and protection.
- Insider threat alerts.

Ballistic Imager

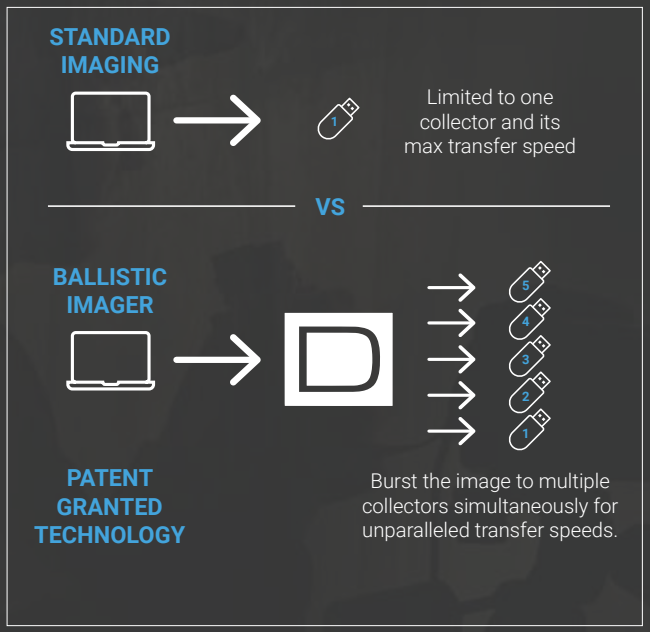
The world's fastest forensic imaging tool

Detego® Ballistic Imager is our patented forensic imaging tool, the clear choice when you need a complete physical image in time-critical scenarios.

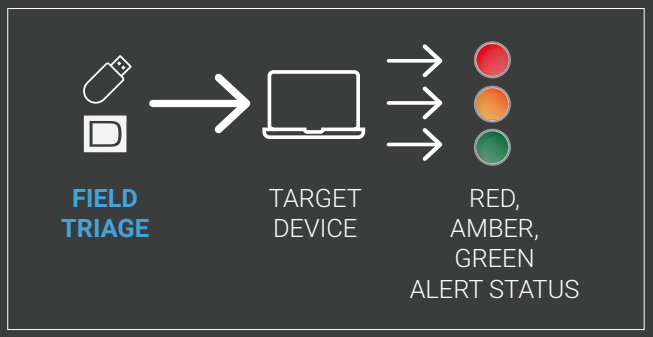
Forensically copy hard disk drives in minutes and allows non-technical users to be fully operational within a 30-minute training overhead.

- Achieve blisteringly-fast acquisition times using the subject machine to image itself out.
- Split the imaging process to multiple collectors; utilising all available ports, either in a 'live' state or boot mode.
- Works on Windows, Mac and Linux.
- Forensically sound, with MD5, SHA1 & SHA256 validation.
- Stop extractions before completion without the risk of losing any data acquired up to that point.
- Allows recovery of deleted data.
- No need to remove the hard drive.
- Fits in your pocket.

CAPABLE OF IMAGING 1TB IN UNDER 8 MINUTES



A RAPID
AUTOMATED
TRIAGE SOLUTION



Field Triage

Rapid field-based digital forensics

Detego® Field Triage is a portable digital forensic tool for field-based investigators to acquire and act on data captured from PCs, laptops and servers.

Deployed on a removable storage device or external hard drive, Detego® Field Triage places an incredibly powerful forensic exploitation tool into the hands of non-technical investigators.

- Rapid automated triage solution.
- Provides alerts of suspicious items through a red, amber and green status.
- Highly configurable search profiles.
- Quickly acquire usernames and passwords.
- Pocket-sized acquisition tool perfect for frontline agents.
- Intuitive interface that is easily operated by non-technical users.
- Patent pending technology.

Auto & Rapid Rip

Actionable intelligence, including usernames and passwords within seconds

Made for undercover operations, Detego® Auto Rip® and Detego® Rapid Rip® are portable exploitation tools that discreetly and covertly acquire passwords, usernames, system information, files and URLs from a target laptop, PC or server.

Detego® Auto Rip: Licensed to a specially designed thumb drive with a multi-colour LED status indicator. Detego® Rapid Rip: Can be deployed on most, discrete standard USB thumb drives giving an unlimited range of options.

- Ideal for non-technical frontline operators.
- A typical laptop or PC rip will take less than 90 seconds.
- Fully automated plug-and-play solution.
- Can be deployed in a highly covert form factor.
- Extremely low training overhead.
- 2048-bit encryption.
- Utilised by intelligence agencies and elite military units.

PORTABLE, COVERT AND RAPID DIGITAL EXPLOITATION TOOLS

FLEXIBILITY TO CHOOSE FROM:

- **FULLY AUTOMATED SOLUTION FOR NON-TECHNICAL USERS**
- **DISCRETE USBs FOR COVERT OPS**
- **LARGE CAPACITY USBs FOR MULTIPLE COLLECTIONS**

DETEGO AUTO & RAPID RIP

DISCREET INDICATORS SHOW THE PROGRESS OF AN ACQUISITION

A POWERFUL AND INTUITIVE, PORTABLE DIGITAL FORENSICS SOLUTION

Lite

Portable digital forensics for frontline operators

Detego® Lite's powerful, intuitive and forensically sound solution, rapidly extracts and analyses digital evidence whilst in the field.

- Forensically exploit, extract, analyse and report against multiple media types (Phones, Tablets, SD and Micro SD Cards, Camera Cards, USBs, IDE, SATA Drives, CDs and more).
- Run multiple extractions against multiple device types all at once - on scene or in the lab.
- Simple two click process for forensic imaging as well as acquiring logical and deleted data.
- Detego® Lite's small form factor device supports rapid and easy field deployment.

Media Acquisition

Rapid automated media acquisition for removable media

Detego® Media Acquisition is a simple to use automated forensic imaging solution for acquiring and viewing data from removable media, computers or hard drives (HDD & SSDs) and mobile devices.

Easy-to-use intuitive interface allows you to acquire and analyse multiple devices in rapid time and view the data extracted in 'real time' so that you can make on the spot decisions.

- Forensically image and analyse multiple removable devices simultaneously.
- Use advanced inspection options to view a target's file tree before extraction.
- Acquire data from hard drives removed from damaged systems.
- Provides alerts of suspicious items through a patent pending red, amber and green status.
- View logical data as it's streamed 'live' into the platform.
- Automated analysis based on predefined criteria.
- Use powerful carving options to recover deleted data.

MD Powered by HANCOM

Supports 15,000+ phone models and 1,500+ apps

Detego® MD combines Hancom's leading data extraction and decryption capability with Detego Analyse's robust analytics, automation and reporting via a seamless integration.

- No. 1 tool for Android devices.
- iOS support including backup file decryption and keychain extraction.
- Extraction of mobile devices, IoT, smart TVs, drones and more.
- Unlock of latest Android devices.
- Supports physical and logical extraction methods for Android, iOS, Windows OS, Tizen OS, and other mobile OS.
- Physical extraction of Samsung S7/S8/S9 up to Android 9.0.
- Seamless integration into Detego Analyse for easy-to-use, in-depth analysis.

for Mobile Devices

Intuitive data acquisitions from iOS and Android devices

Detego® for Mobile Devices is purpose-built to recover data from iOS and Android devices in a forensically sound manner.

Detego® for Mobile Devices can provide a full digital acquisition at the click of a button and handle the vast majority of smartphone exhibits that investigators will come across.

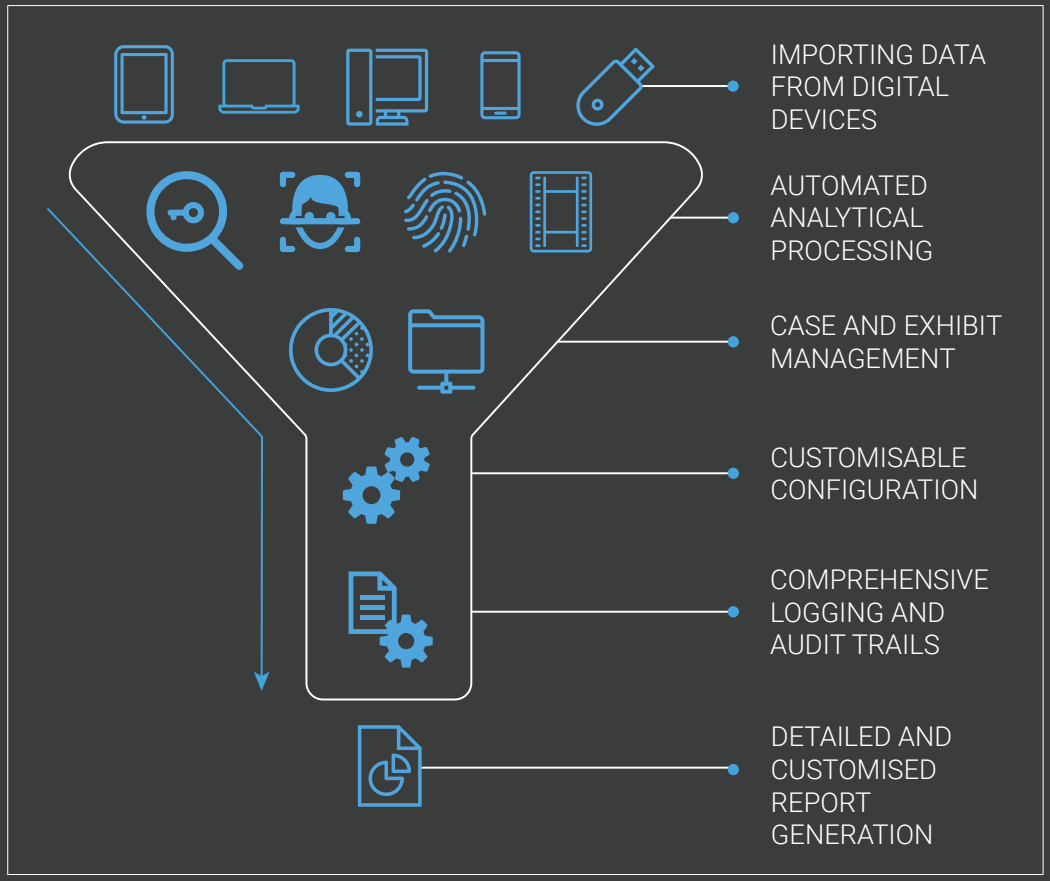
- Extract and seamlessly analyse data from multiple devices simultaneously.
- Apply advanced analytical processes to mine, search, filter, tag and organise the relevant evidence.
- Parse data quickly and efficiently from core mobile applications.
- Improve productivity, reduce backlogs and lower the total cost of ownership of a smartphone investigation solution.
- Utilised in both the forensic lab and on the front line by advanced and non-technical operators.

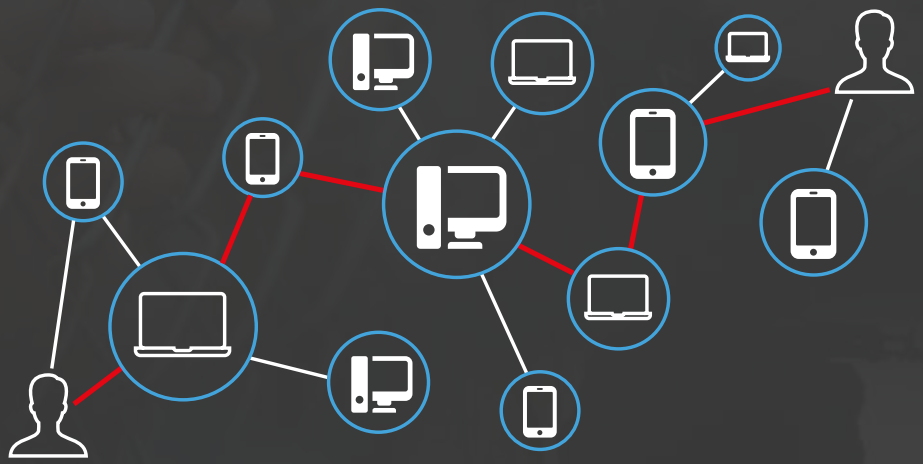
Analyse

Rapidly produce digital evidence and intelligence

Detego® Analyse is the central hub that integrates all forensic acquisitions retrieved using the Detego® suite of tools, to provide in-depth analysis capability and extract maximum intelligence.

- Customised fully automated analytical workflows.
- Perform in-depth forensic analysis using cutting edge processes such as:
  - Photo DNA.
  - Object detection.
  - Compound file extractor.
  - EXIF processor.
  - MD5 & SHA1 hash matching.
- Generate detailed and bespoke reports.
- Have all your acquired data housed within a single platform.





Fusion

Advanced link analysis across all your digital exhibits

Detego® Fusion allows investigators to build up a detailed intelligence picture of their exhibits, suspects and cases based on an advanced link analysis infrastructure.

Expose valuable, previously unassociated, connections between people, places, devices and cases.

- Connect the dots and spot 'needle-in-a-haystack' links across all of your digital exhibits.
- Filter on thousands of pre-configured variables to rapidly identify and link suspects.
- Easy to navigate interface with pre-configured variables including GPS coordinates, HASH matches and EXIF data.

Enterprise Search

Digital device eDiscovery platform

Upon completion of the Digital Forensic investigation, our customers have the capability to fully index (systematically arrange all entries from a device for fast searching and cross-referencing) all data, including data from RAM (in most, if not all, cases, RAM will contain passwords and resident malware), registries and files such as documents, emails, videos, pictures, messages, and all associated metadata on target devices for 'big data' analysis and cross-matching in a central location.

The eDiscovery platform is suitable for Enterprise protection, Insider Threat investigations, Cyber-attack and GDPR investigations.

Installed as a hidden application on a device. The solution scans across the disk Indexing & extracting core data, relevant file Metadata, and Databases. Supported artefacts include office documents, text files, email, RAM, pictures & videos. The indexed data is then stored locally in a SQL database on the device.

- Once in Detego® Server, all of the analytical processes are now available to the data e.g. the data is indexed and searched against keyword lists and matched.
- Thumbnails can be matched against objects using the object ID/deep learning analytics and can be matched against objects such as nudity, paedophile material and weapons.
- Triggers can automatically generate cases in the Case Management System, for example a match on a keyword like 'bomb' could automatically create a case and assign it the relevant investigator. An alert can then be sent to their phone with relevant information included.

Case Management

Customised workflow management for investigations and exhibits

Detego's® Case Management System is the central management hub for the creation and management of investigative tasks as well as digital exhibit processing and reporting.

A FULLY CUSTOMISABLE SOLUTION

Investigative Case Management

- Customised Case Management Solution for your specific investigative workflows.
- Holistic 360˚ view of all your cases.
- Total governance over your investigative teams.
- Automated workflows with tailored notifications and escalations.
- Bulletproof reporting and concrete audit trails.
- As used by Amazon, the world's largest company by market cap.

Exhibit Case Management

- Structured, proven process for managing the handling, processing and reporting of the examinations of digital exhibits.
- Follow set down procedures specific to organisational requirements.
- Complete management oversight of all the digital cases and exhibits.
- Built with your ISO 17025 methodologies in mind.

MCMS
securing digital data™
www.detegoforensics.com