

Creating a global standard for digital retrieval through innovation and co-operation



www.daetechsystems.com

*Get results faster onsite
at the crime scene*



Advanced Evidential Retrieval

Forensic Data Collection

Integrated Standard Operating Procedure

Forensic Analysis & Enhancement

Advanced Crimescene Photogrammetry

MIDAS-DCL

Mobile Image & Data Acquisition System

Digital Crime Lab

With the MIDAS-DCL, your CCTV and multimedia evidence can be retrieved and analysed in no time at all whilst ensuring forensically sound procedures and capture. Integrated Forensic analysis and enhancement software enables chief officers to make essential decisions in time critical investigations.

MIDAS-DCL is a bespoke system designed around international operational policing requirements for best evidence.

With multiple connection options and integrated HDD cloning the MIDAS-DCL allows on-scene recovery from analogue and digital CCTV and multimedia sources.

The unique combination of the latest hardware and software applications allows the MIDAS-DCL to bring the digital forensics laboratory direct to the crime scene saving time and resources in major incidents and critical investigations.

MAJOR INCIDENT

CRIME SCENE

COMMAND & CONTROL



Interoperable with
Digital Evidence Management
and Digital Evidence Storage
solutions.

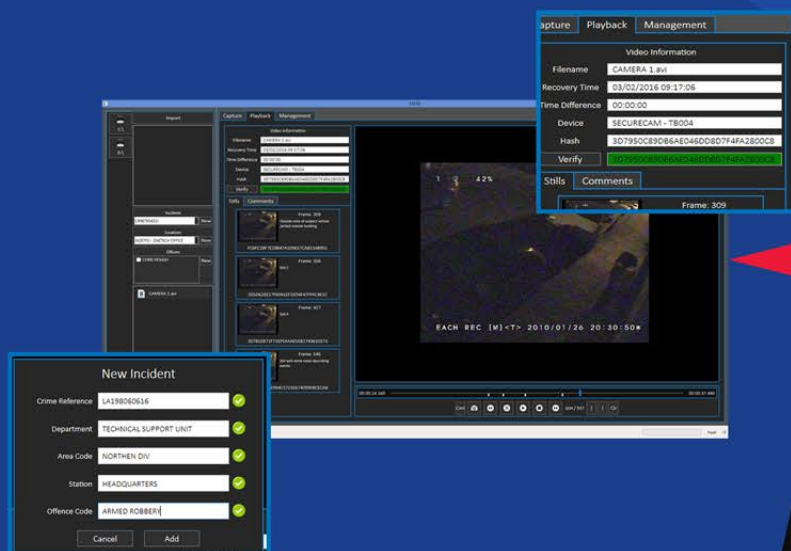


Integrated Standard Operating Procedures & Forensic Analysis

Any Connection

Any Format

The MIDAS-DCL has been designed around functionality and simplicity, with intuitive user interfaces and easy connection guides.



The MIDAS-DCL comes pre-loaded with Daetech's bespoke Evidence Mangement Suite (EMS). The software has been designed from the ground up with integrity of evidence and procedures in mind whilst maintaining simplicity of use.

The software suite utilising an integrated Standard Operating Procedure guides officers through a set workflow with visual verification after each text input.

Manage all Data and Evidence files

Create Viewing Logs

Hash Verification

Time Stamped Notes

Auto Report Generation

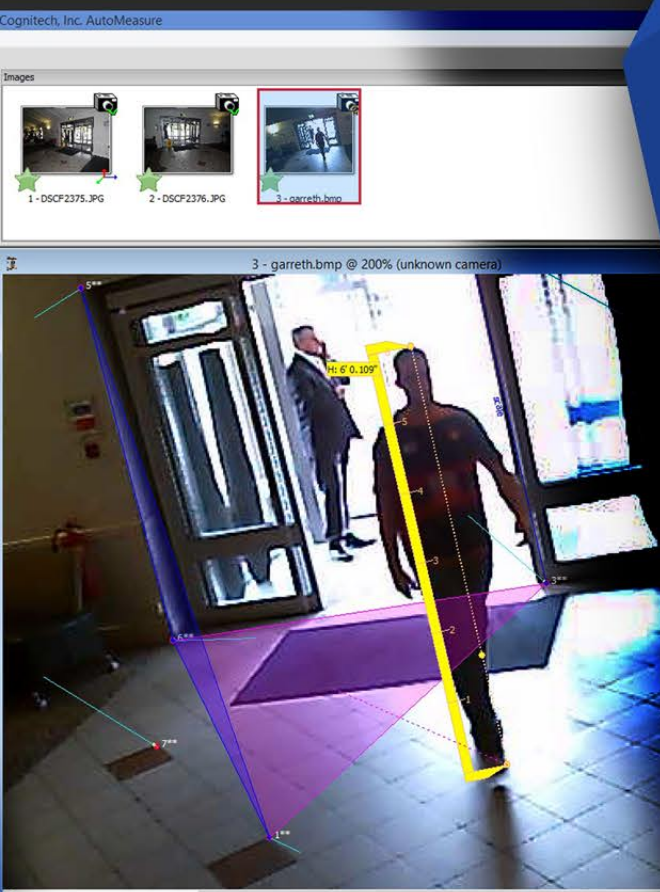
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Reveal More

Don't miss out on the details

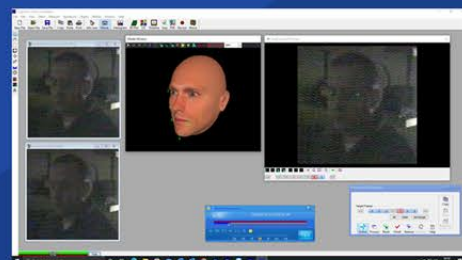
Automeasure



Automeasure is a revolutionary new software tool for advanced photogrammetric measurements from both still imagery and video. Take measurements on the X,Y and Z axis of objects, people and distances between selected points. Highlight and calculate area such as blood splatter or chemical spills

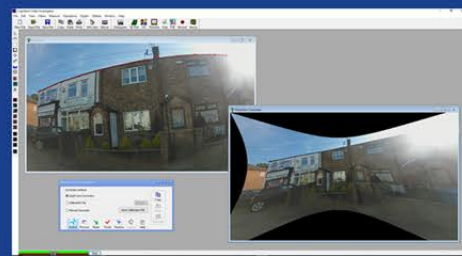
3D FaceFusion.

Plot facial features from multiple frames in a video sequence onto a 3D generated computer model to enhance an image in 3D space



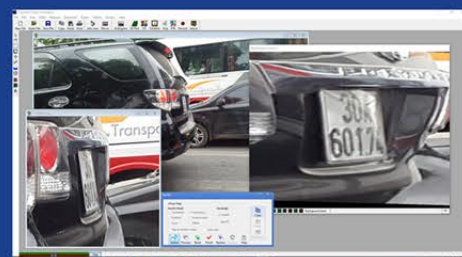
Geometric Lens Correction.

Correct lens distortion from fish eye and wide angle lenses in video and still images



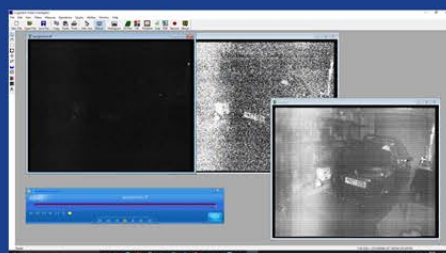
Rectification.

Adjust 3 dimensional aspects of a 2 dimensional images or video to reveal hidden data.



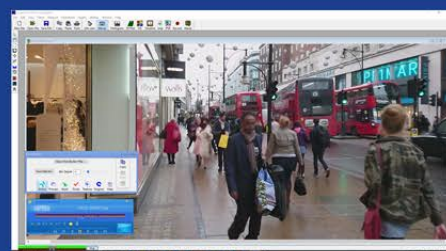
Average Frames

Combine multiple video frames into a new single enhanced still image. Use additional filters such as Histogram to alter brightness and contrast.



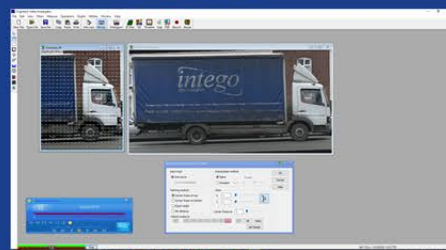
Automatic Face Blocker.

Automatically blur faces in video evidence, from body worn video to CCTV surveillance video.



Mosaic Reconstruction.

See the bigger picture by auto compiling multiple frames of video into a Mosaiced image.



Cognitech is the worlds first and oldest forensic video company, with over 30 years of experience in providing software and hardware solutions for law enforcement and forensic professional

Cognitech' grounds it's self fully in science fact and scientific principles with it's software and advanced mathematical algorithms having been peer reviewed, published and many of them patented. These scientific principles are fed down into the powerful software suite allowing users to be able to forensically prove their methods repeatedly.

Engineered to meet the challenges of 24/7 policing

The MIDAS-DCL is a fully Bespoke system from the design of the case through to it's functionality.

With its capabilities designed around operational policing. MIDAS-DCL can be configured to clients specific operational and environmental needs.

By installing an agencies exisiting licenses for software applications such as Forensic video Analysis, Facial Recognition, Audio Forensics Editing and Mobile Forensics enables the MIDAS to be a fully portable Digital Forensic Laboratory.

Daetech Systems as a systems integrator has close relationships with many suppliers of specialist software and can supply the system fully loaded to a customers specification.



Maintaining Best Evidence

The MIDAS -DCL comes with an integrated, user friendly hard drive cloning circuit. The unit can be used as a standalone HDD duplicator with no connection to the host MIDAS PC, delivering an exact 1 to 1 clone of the target hard drive including partition and boot sector information, the Host Protected Area (HPA) as well as user data.

Alternativley the unit can be switched into USB Mode allowing both the master and the target drive to viewed and browsed within Microsoft windows, whilst write protecting the master.



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Example Specification

System Drive	500gb SSD OS Drive
Media Storage	2Tb Evidence Store
Memory	16Gb Ram
CPU -	Intel I7
GPU	Nvidia CUDA
OS	Windows 10
Power	Mains Dual 110Ac 240Ac

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