

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



www.daetechsystems.com

**The Ultimate Image, Video and
Data analysis solution**

DARS

Digital & Analogue Replay System

Forensic Workstation



Advanced Forensic Workstation

Evidence Management

Forensic Capture and Processing

Forensic Analysis and Enhancement

Forensic Photogrammetry

In the past 20 years the use of CCTV has grown to unprecedented levels. CCTV systems are now complex array of products and equipment sourced from a diverse selection of manufacturers with cameras not only appearing in city centres, college campuses and in supermarkets, they are also being used by private individuals to protect their property.

As well as CCTV many major incidents and crimes are now captured on mobile phone, digital cameras and dash cams.

The DARS range of solutions are designed to enable agencies to playback, process and analyse the vast quantities of CCTV & Multimedia evidence whilst ensuring forensically sound procedures and capture. The DARS allows processing and analysis from analogue and digital CCTV sources.

The addition of EMS Evidence Management Suite allows the management of all Digital CCTV and Multimedia evidence, Digital CCTV players and all notes and playlogs created by users.

The unique combination of the latest hardware and software makes the DARS a powerful system for the analysis and processing of Video and image based evidence..

**A bespoke system designed around
international operational policing
requirements for best evidence.**



WINNERS

recognition for making this a safer world

**SECURITY
INNOVATION
AWARD 2012**

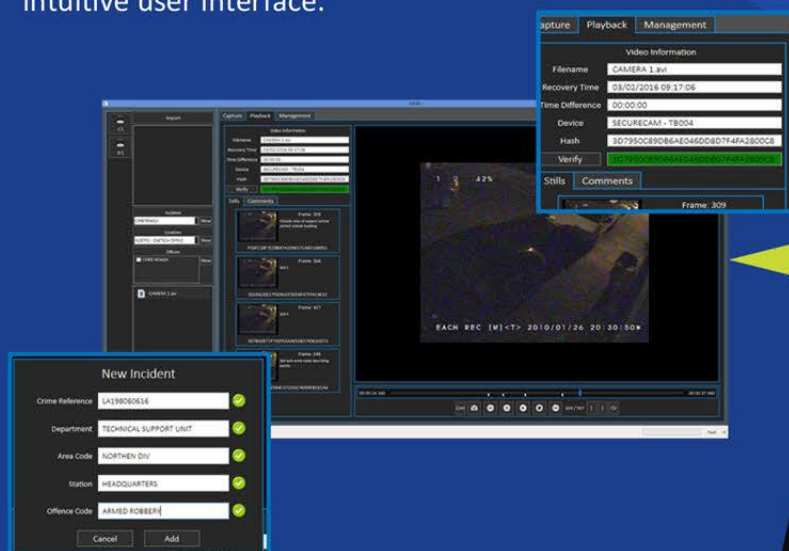


Integrated Standard Operating Procedures & Forensic Analysis

Any Connection

Any Format

The EMS software which comes integrated into the DARS Forensic Workstation has been designed around functionality and simplicity, with an intuitive user interface.



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

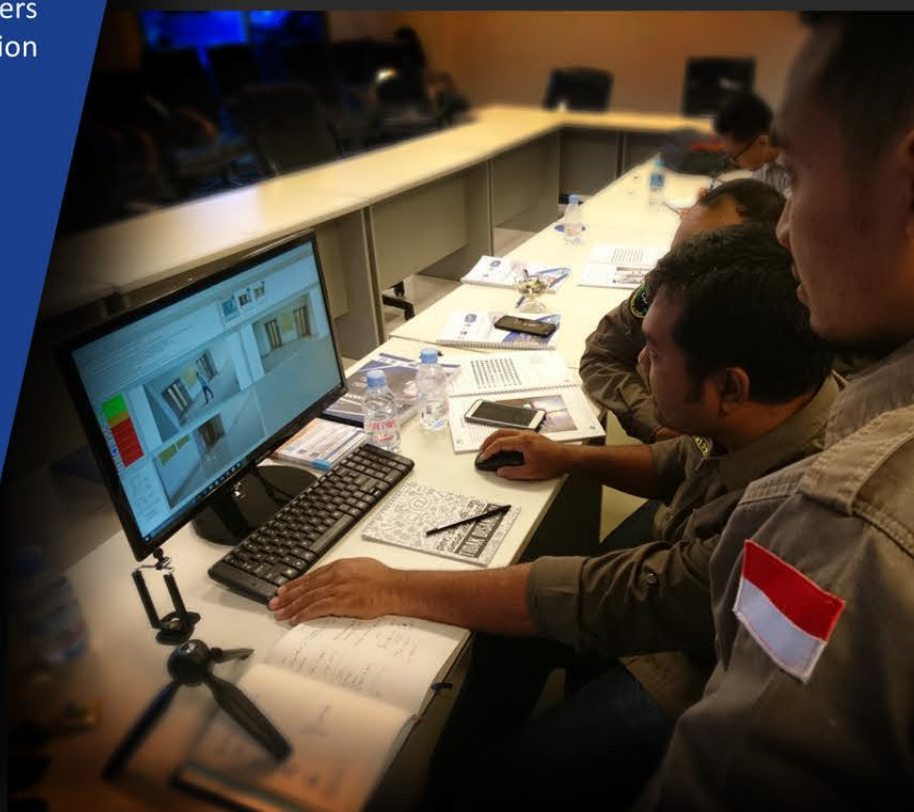
Create Viewing Logs

Hash Verification

Time Stamped Notes

Auto Report Generation

Images for illustration purposes only, Model Specification & Software subject to availability and change..



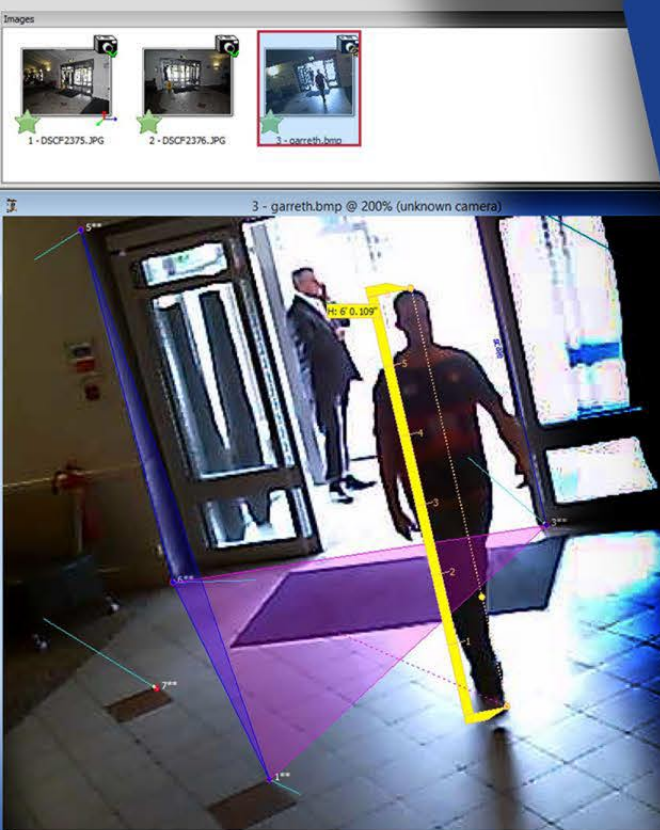
Industry Leading Forensic Analysis software integrated into the DARS

Reveal More

Don't miss out on the details

Automeasure

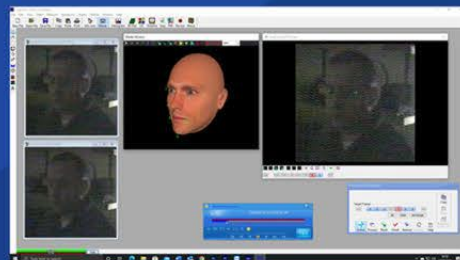
Cognitech, Inc. AutoMeasure



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

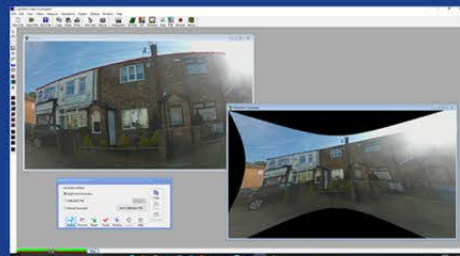
3D FaceFusion.

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



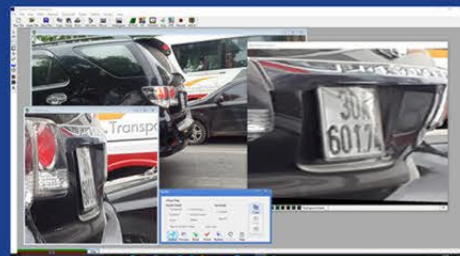
Geometric Lens Correction.

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



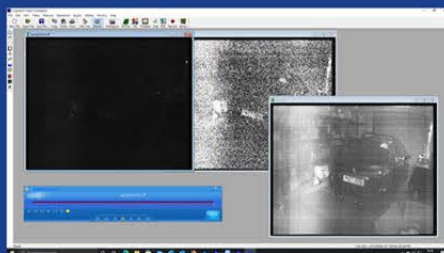
Rectification.

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



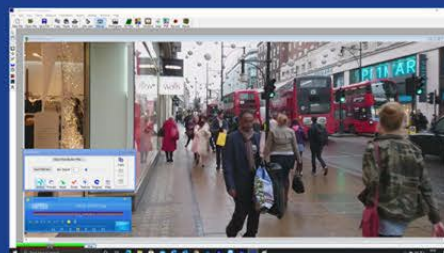
Average Frames

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



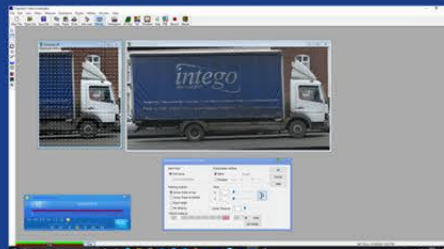
Automatic Face Blocker.

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 professionals

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 DARS Forensic Workstation is a fully Bespoke system its capabilities designed around operational policing.

The DARS can be configured to clients specific operational and environmental needs.

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

ADVANCED FORENSIC WORKSTATION



Example Specification

System Drive	500gb SSD OS Drive
Media Storage	6Tb Evidence Store
Memory	16Gb Ram
CPU -	Intel I7
GPU	Nvidia CUDA
OS-Dual Boot	Windows 10 Pro Linux
Power	Mains 240Ac
INPUT/OUTPUT	USB 3 USB C LAN HDMI COMPOSITE VIDEO COMPONENT VIDEO WRITE PROTECTED SATA WRITE PROTECTED FLASH CD/DVD/BLU-RAY

The DARS is a fully Bespoke system from the design of the case through to it's functionality. With its capabilities designed around operational policing. DARS can be configured to clients specific operational and environmental needs.



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