




# Product Directory



<http://www.scyron.co.uk>

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CAPTURE

ANALYSE

EDIT

PRESENT

2013

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# Welcome

Welcome to the latest edition of the [Scyron Product Directory](#).

Our range of solutions has continued to develop in response to the rise of the digital age, and the growing demands from our customers. We hope that this handy guide will demonstrate the benefits our Digital Evidence Management solutions will bring you.

Since Scyron became part of the group of companies that forms Centerprise International, we have been able to react to changing markets by continuing to do what we do best which is engage with our customers, determine their needs, and continue producing top drawer solutions to help our customers solve problems encountered when video processing.

Taking advantage of the strength offered by being part of the Centerprise group, we enjoy the investment, support and wider market exposure which includes the Ministry of Defence, schools and colleges etc. which enables us to expand our product features to meet the demands of growing markets.

Scyron has also ventured into new markets in its own right, such as the transport and retail shopping centre markets where our solutions continue to provide huge benefits to the operators and cost and time savings to their businesses.

These are very exciting times for Scyron, with the continued investment from Centerprise; we are able to provide better support, better solutions, improve our products and solutions with quarterly releases alongside faster to market bug fixes and bespoke developments.

We continue to lead the market in:

- Video Analytics
- Video Masking
- Media Presentation
- One box solutions



# Introduction

Our unique products allow our global customer base to meet their video management needs within the entire scope of the video management process:

## CAPTURE

This is the first step in the process. How do you get your footage from where it is (on a CCTV system) to your computer so you can make use of it? Scyron has a number of products to resolve your issues.

## ANALYSE

Once the challenge of getting video from its source onto the computer, the next challenge is reviewing it. This is a time consuming job, so Scyron has created a product to automate the non-human required parts, and enables you to quickly review the footage for results instead of having to watch the entire video in real-time

## EDIT

Stage 3 is the important stage of modifying the final video for presentation. This allows you to distribute your video files as they comply with data protection and allow you to protect identities of object, people or locations that are key in the investigation

## PRESENT

The final stage is the most important. All your hard work could fall at the final hurdle unless you can show it to an audience in a clear, concise and compelling way. Months of work can be undone and wasted unless you have present it with a purpose written product like presenter.

To complement our software solutions, Scyron ships our products and solutions on approved hardware platforms to ensure you get the best experience possible.

### SCYRON APPROVED HARDWARE

Centerprise International provides us with market leading service and hardware. With their dedicated manufacturing plant they are able to meet our specific requirements to ensure you get the best optimised hardware solution to complement our software. This is



# video inspector



- Automatically log and timeline all recorded events
- Select events based on position, size and speed
- Instantaneous re-analysis for alternative events
- Automatic compensation for varying frame rates

## Intelligent video analysis for digital video including Ovation Afterburner, TimeSpace and other video file types

**video inspector** dramatically reduces the time you have to spend manually watching and analysing video footage.

Key information such as object size and position are stored in a searchable database linked to the video file.

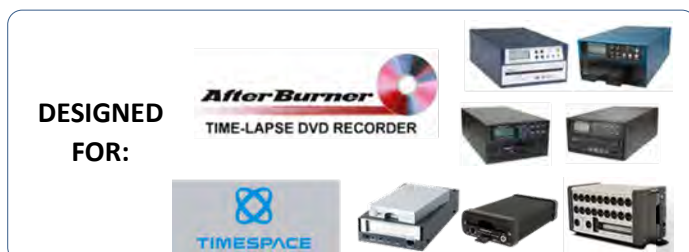
**video inspector** finds the predefined events of interest and presents them on a timeline.

Change search criteria and the system will instantly update the timeline, without having to undergo lengthy re-analysis of the footage.

The system automatically compensates for varying frame rates and allows analysis of 24 hours of video in less than one hour.

### Key Features & Benefits

- Unattended video analysis
- Improved performance, faster analysis, faster results
- Automatic event detection
- Review and analyse at the same time
- Conversion option for unsupported file types
- Scalable from individuals to large investigation teams
- Automatic file joining
- Collaboration enabled solution
- Native support for popular DVR formats (Ovation Afterburner, TimeSpace & Avermedia)
- Seamless workflow with other Scyron products
- Search criteria template management
- Free up valuable offers time
- Points of Interest



For further information visit:

<http://www.scyron.co.uk/products/video-inspector-plus-pack>

### BUSINESS CASES

- Compatible with any digital video material; reducing initial setup costs
- Typical Return on Investment in under one month of operation
- In use with all major UK police forces and many international agencies

# Case Study Humberside Police



## Halving analysis time increases conviction rates on Humberside

The Humberside Police Technical Support Unit, based in Hull, handles the analysis of all CCTV and photographic evidence. CCTV footage comes from premises-based CCTV, covert operations and two trials of head-mounted cameras. With video evidence amounting to thousands of hours per month, Humberside TSU turned to Scyron's intelligent surveillance and analysis solutions

With a finite number of officers, it was impossible for Humberside to keep watch on every suspect or known area targeted for crime. Where cameras captured evidence of criminal behaviour, it had to be sent physically to the TSU for conversion and analysis.

Valuable time could be lost and a suspect freed on bail, only to abscond, in the time it took to receive the tape, read it and sift through hours of video to find a particular piece of evidence.

To get the most out of resources available, the TSU began working with Scyron's solutions. **DARC 400 (discontinued)** gave the unit a remote-control surveillance solution that can monitor unattended and record automatically predefined incidents. It could provide real time alerts and be downloaded over secure WiFi or 3G networks.

In combination with **video inspector**, Humberside TSU has maximised its resources and managed to save thousands of hours of officers time – equating to a sizeable portion of its budget. "Before **video inspector**, we used to have officers all day, every day reviewing tapes and disks. Unnecessary time spent analysing video footage may help criminals escape through the net. "Now we can undertake a week's worth of pattern analysis in an hour," says Gary Woolston, Manager of the Humberside TSU.

Operation Trapper demonstrated the benefit of Scyron technology. It involved the covert surveillance of hooligans from local football clubs. **DEMON detect (discontinued)** enabled the automatic review and tagging of video evidence, reducing the time spent searching for specific events.

Scyron was able to help the Police Service present this evidence in court to secure convictions. Martin Steedman, Evidence Review Officer, made extensive use of **mosaic** – an easy to use, comprehensive video editing package that removes the need to use expensive professional video suites.

Steedman says: "Prior to any court trials we were able to present to individual defence teams the evidence we intended to present to a court and jury. This included an individual video of each suspect with the suspect circled, highlighting their actions."

Faced with the power of evidence, only two suspects elected for a trial at Crown Court. In all, a total of 40 convictions were secured.

The results at Humberside have been impressive. "We have reduced the time spent reviewing tapes by a minimum of 50 percent" concludes Woolston. It is not simply cost and time savings, the entire process is more effective which has led to more positive outcomes

*"Before Video Inspector, we used to have officers all day, everyday reviewing tapes and disks. Now we can undertake a week's worth of pattern analysis in an hour".*

Gary Woolston  
Manager of the Humberside TSU

- People, objects and backgrounds can be simultaneously protected
- Pixilation, blur and solid colour masking options
- People and objects can be isolated and highlighted
- Annotation and enhancement of Images



## Protect or highlight faces, objects or locations within your video easily and quickly

**mask** is a powerful and easy to use tool that requires almost no operator training. Its highly intuitive interface means that, in as little as 15 minutes, you can begin to protect or mask everything from people's faces to locations. The package delivers significant time, training and cost savings.

The software automates camouflaging regardless of how complex the track a person takes. Objects and people can be easily highlighted and tracked.

Multiple objects can be camouflaged as well as arrows or text added in order to highlight specific objects of interest. It handles most digital and analogue video formats to quickly produce professional results.

### Key Features & Benefits

- Easy video editing
- Drag and drop mask effects
- Improved interface performance
- Full audit log
- Simplified layer management
- Automatic video playback optimisation Support for more video files formats than ever before
- Now natively supports image files
- Now supports High definition video files
- Native support for popular DVR formats (Ovation Afterburner, TimeSpace & Avermedia)
- Background masking
- WYSIWYG masking
- Multiple export format support
- Project management



For further information visit:

<http://www.scyron.co.uk/products/93-mask>

### BUSINESS CASES

- Compatible with any digital or analogue video material; maximising effectiveness
- Typical Return on Investment in under one month of operation
- In use with all major UK police forces and many international agencies



# Case Study Nottingham City Transport

mosaic &



Nottingham City Transport records images and sound and are monitored for the public's safety, insurance purposes, and internal investigations and to help prevent crime.

They have one of the most advanced and comprehensive CCTV systems – not only in terms of on-vehicle specification, but also in their back-office control centre and data management processes. A reliable system, high capture rate and efficient infrastructure are key to managing the high number of incidents monitored every year – nearly 4,000 in 2012 alone.

Nottingham City Transport are frequently asked to provide evidence in cases of vandalism, antisocial behaviour, Road Traffic Collisions, and sometimes exaggerated or fraudulent insurance claims.

Vandalism and driver assaults have reduced significantly since installing CCTV systems and being able to produce protected video footage quickly using Scyron's video management technology.

Evidence of Road Traffic Collisions and other non-company related incidents are regularly requested by police and footage from Nottingham City Transport has played a part in supporting the city's 'Respect for Transport' campaign and the operator's 'Quit the Spit' initiative.

The system is also present on Nottingham City Transport's 'Trojan' Bus, which is used to target areas where smashed windows and other acts of vandalism are particularly problematic.

In order to comply with Data Protection, the images and videos supplied have to be masked in order to protect information such as members of the public, locations or objects within the video.

To ensure compliancy, Nottingham City Transport utilise Scyron's mosaic software which allow them to apply video masking easily and quickly without needing to be an expert.

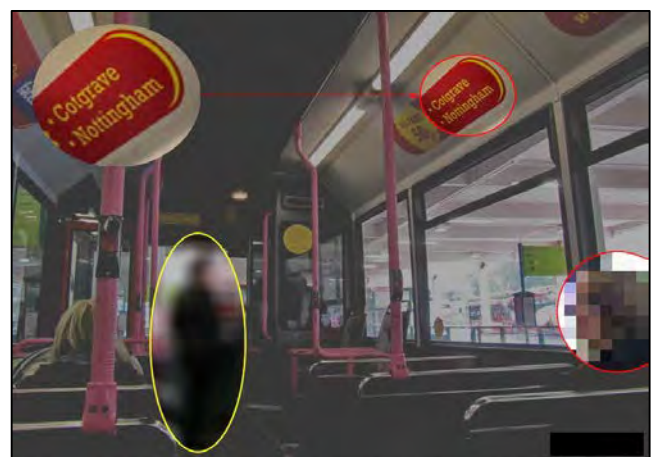
Within a few minutes, a video can be produced with the relevant objects in the video highlights, while protecting the identities of any members of the public present in the video.

## Used by NCT for:

- Subject Access Requests
- Data Protection Requests
- Provide video and stills evidence for:
  - vandalism
  - antisocial behaviour
  - road traffic collisions
  - fraudulent insurance claims



One of the 350 buses fitted with CCTV



Examples of the mask effects used by Scyron's mosaic software.

**Blur** – shown in yellow outline

**Mosaic** – shown bottom right, red outline

**Highlight** – shown top left, zoomed images with red outline



# media presenter

- Complete control of evidence presentation
- Simple drag-and-drop Interface
- Supports video, audio, data and animations
- Automatic video sorting
- 'Edit on the fly' capabilities

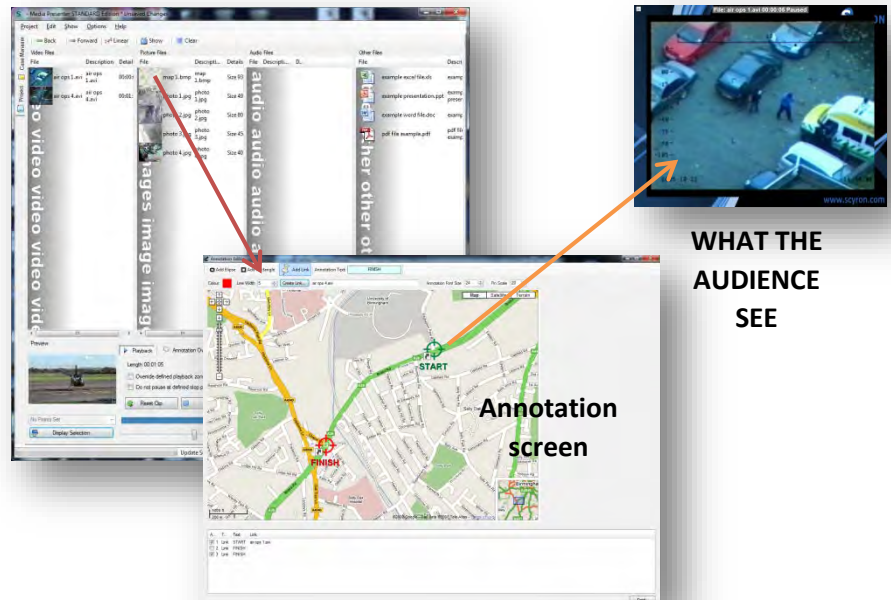
## Professional presentation software for courtrooms, briefings, and any situation where you have to delivery multimedia information to groups

**media presenter** allows you to automatically compile any number of sources - video, audio, computer files and animations - into a single seamless presentation.

You have complete control of how your presentation is created and presented. Include as many items as required and the package will automatically sort them into file type allowing you to easily decide what to show and how to show it.

Once compiled, the presentation can be easily and quickly edited on the fly so that evidence can be played in any order and as many times as necessary in real time.

With extensive input and output options, the presentation can be shown on large screens and projectors as well as standalone evidence viewers, useful in video identity parades and interrogation situations.



WHAT YOU SEE



For further information visit:  
<http://www.scyron.co.uk/products/92-media-presenter>

### BUSINESS CASES:

- Removes the need to prepare expensive and inflexible DVDs for court / briefing
- Typical Return on Investment in a single court case lasting one week
- Maintain control of the presentation of digital material without using third-parties

# Case Study West Midlands Police



## West Midlands Police - Major Investigation: The Aston Riots

### Operation Siluga

The Aston Riots in 2006 code-named 'Operation Siluga' is one of the country's largest trials in recent years.

It came about from an unsubstantiated rumour that a young, Afro-Caribbean woman had been raped by an Asian man. This rumour was fuelled by pirate radio stations leading to a peaceful demonstration prior to a public meeting. However, the mood changed quickly, resulting in numerous individuals donning masks and causing an affray moving in all directions across the Aston area.

This situation led to 271 crimes and 2 murders and presented Detective Sergeant Andrew Townsend with a mountain of over 5,000 hours of potential evidence. This spanned CCTV (drawn both from public and private organisations such as local businesses), photography and maps through to mobile phone footage. Townsend and the team had the onerous task of wading through the video footage to find and present evidence in order to bring justice.

**Townsend said,** *"The big issue was identifying suspects before masks were used and then tracking them through the mounds of different types of evidence. This was a huge task in itself - added to which - we then needed to present that in a coherent way for a jury to have any hope of using it to secure convictions. He added, "We turned to Scyron to develop a different approach after having used some of its technology to highlight and edit key areas of electronic evidence in the past."*

The scale of the investigation required a completely different approach. In previous cases, the police had relied on manual gathering, processing and presentation of video and photographic evidence.

However, **Townsend noted** that, *"This just was not possible with this investigation"*. Then once in court, unwieldy, fixed presentation technology was used to output compilation DVDs of the CCTV evidence.

This proved both expensive as it could run into hundreds of thousands of pounds - and was very inflexible. *"By nature, a trial of multiple defendants can be very dynamic with defendants changing their pleas. Plea changes will often necessitate obscuring or masking out the individual who has changed their plea from the evidence presented in court. The upshot was that more often than not, pre-prepared evidence on DVD was time-consuming and very costly to change,"* said **Townsend**.

### Electronic Evidence Gathering

The MIU started work with DEMON manager to meet the needs of the investigation. This began with electronically storing, reviewing and classifying evidence.

### Collaboration

Previously, there was an intensive, manual process of classifying evidence from different tranches of CCTV and then recording it on paper records. Often, it was possible for officers to lead into and overlap on each other's lines of enquiry, duplicating effort.





## Simultaneous Evidence Access

The next step involved Scyron and West Midlands Police creating the ability for four officers at different personal computers to work concurrently on the evidence.

*"This was very powerful as, for the first time, it allowed collaboration and created an electronic audit trail of evidence that could be annotated and cross-referenced for different suspects,"* said Townsend. The technology allowed them to track in excess of 50 different potential offenders and provided a significant increase in productivity to progress the investigation.

*"This electronic collaboration was like suddenly adding new officers onto the investigation as it immediately cut through the workload in contrast to the previous manual system,"*

*"Also, importantly, it gave Senior Police Officers leading the investigation, crucial management information standardised in one format on a Microsoft-based platform for the first time."*

## Presentation of Evidence

Once having gathered evidence it was vital for officers to be able to quickly compile evidence that was clear and easy to follow for the jury. Townsend had originally envisaged a fixed, linear presentation of events. However, after discussion with Scyron, he realised that they could develop a more flexible electronic presentation tool that could become a new way of working.



Jointly, they developed a versatile, non-linear presentation system (called DEMON present). It had the ability to present evidence instantly with minimal training for officers, without recourse for specialist outside video companies that still had to be overseen by officers. *"We now have a flexible presentation system to meet the needs of the 21st century judicial system in the UK. We can switch easily to present different incidents. For example, we can immediately pull up the required evidence to satisfy questions from forensic scientists or the prosecution and speed up presentation of evidence to support the judicial process,"* said Townsend.

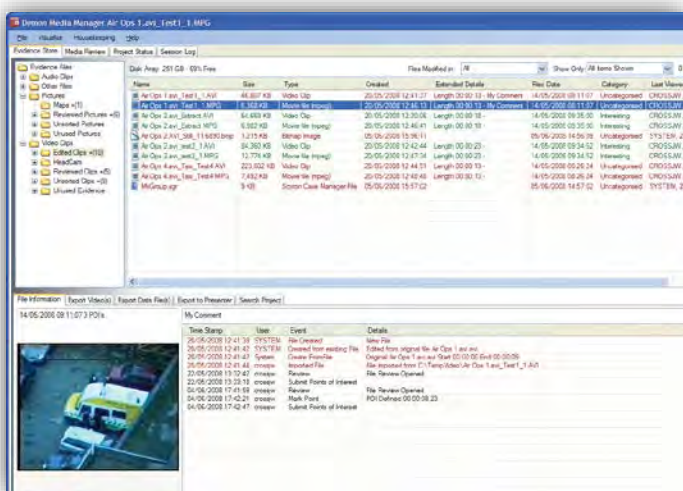
Andrew Townsend concluded,

*"Close cooperation with Scyron in the R&D process has evolved the technology in line with our needs. We were able to produce a solution to our problem, rather than what regularly happens where existing technology is shoe-horned in and doesn't really do the job."*

Nicholas Smith, at Scyron commented, *"Now, we have technology that gives the judicial system - from the Police to the Crown Prosecution Service and the Defence - the right information at the right time with which to make effective decisions."*

## The future

Superintendent Una Cooke, Head of the Major Investigations Unit at West Midlands Police, said, *"Without this technology it was felt that the case would have lasted at least another three weeks and, also, that it would have been extremely difficult for the jury to be able to follow the evidence against the individual defendants."*





# Case Study WMP – Daniel Pelka

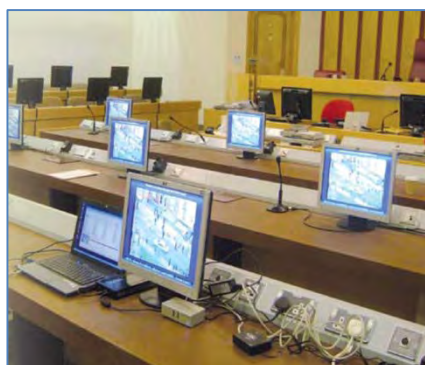


West Midlands Police

media presenter & mosaic – Case Study



## JUSTICE FOR DANIEL PELKA



*“Daniel Pelka’s murder was pre-planned and premeditated”*

- Detective Inspector  
Chris Hanson  
West Midlands Police

### Justice for Daniel.

After months of gathering evidence files (witness statements, CCTV footage, reports etc.) West Midlands Police finally had their day in court.

Once uploaded to the media presenter product, all the evidence was automatically sorted into type, and was easily accessible by the click of a mouse.

In addition to the standard evidence presentation, WMP were able to annotate (link) evidence files together to create a very powerful presentation, and navigate around the evidence in any sequence as required by the court officers.

This enabled WMP to display a map of Daniels whereabouts (such as his school) and hover over the map image where pins marked areas of interest. When hovered over, they display a thumbnail view of the video evidence file linked to it. When this was clicked, the video file would automatically play.

### Exhibit Presentation Perfection

This unbeatable combination of video masking and media presentation provide the best way to present your evidence in the courtroom.

### Scyron’s mosaic software used to highlight and protect

Evidential footage was loaded into Scyron’s mosaic software, and then its just a case of drawing a circle around the objects required, in this example, the mother and Daniel (image 1 below).

From this point forward, it’s a quick step to modify the track of the object to ensure a smooth path is followed as you watch the footage.

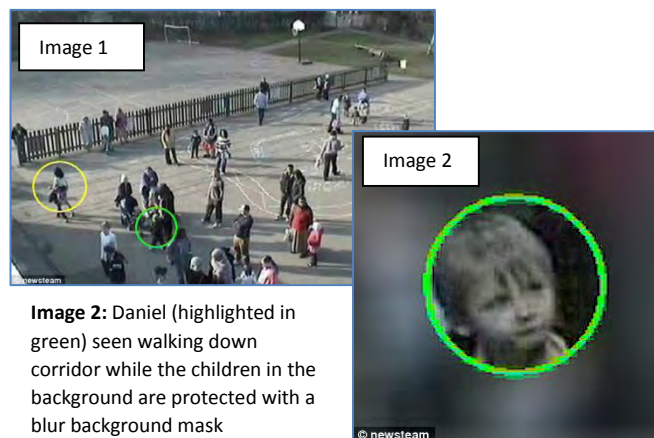
The final step was to choose the colours and effects, in this case, a yellow circle for the mother, and a green circle for Daniel.

### Mosaic’s simplicity is only rivaled by its effectiveness

Previously, West Midlands Police were reliant on their specialist video unit, with all their clever boxes of tricks, and skilled operators. This required a lot of input from the the West Midlands Police team, as to their exact requirements, and then, due to the workload of the Video Unit, it would take weeks to get any footage back. This was very frustrating, and costly. Now mosaic is used, and this is so simple to use, any officer in the department can review the footage and add the required effects. This speeds up the evidence process, and saves a huge amount of money.

### Masking in minutes?

Non-expert tools are now available to anyone who can use a computer. Within a few minutes **ANYONE** can apply professional masking effects to their video files.



**Image 2:** Daniel (highlighted in green) seen walking down corridor while the children in the background are protected with a blur background mask

### West Midlands Police use media presenter to gain conviction after conviction

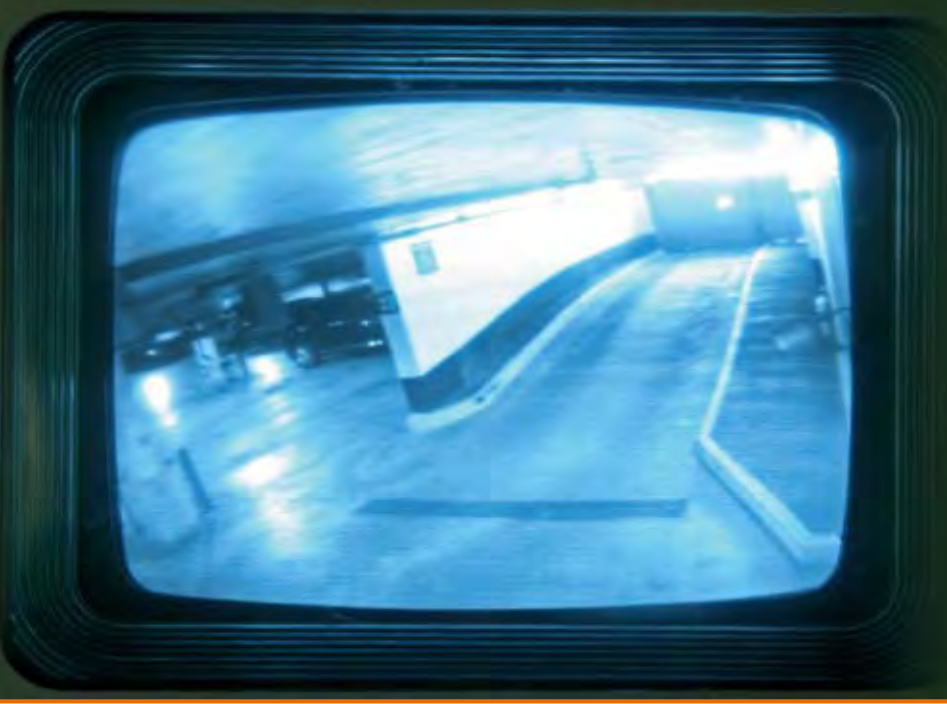
Scyron’s easy to use media presenter was the final piece of the software solution used to gain the conviction.

The powerful way in which you can present the evidence, “at will” and in any sequence, makes gaining a conviction so much easier.

With this software in our toolbox we have now leveled the playing field by having the right tool for the job to present the months of hard work in gathering the exhibits.

Scyron’s media presenter has been used in over 20 cases in the last 12 months, and has helped gain a 100% conviction rate.

# smart extractor



- Extracts video from 95% of proprietary DVR players
- Your choice of Windows standard video format
- Capture every pixel and frame
- No loss of resolution
- Easy onsite configuration with new DVR players

## Extract evidential quality video in windows AVI format from multiple digital video recorders

One of the biggest challenges in the video world is getting the video into your computer for analysis.

The amounts of different video formats continue to grow daily, and in most cases, you are only able to play the footage on your pc and not be able to save it in a usable format, if at all.

Digital video has seen the emergence of proprietary, incompatible digital video formats. An investigation can involve hundreds of video sources that can't be played or analysed together.

**smart extractor** uses a drag and-drop tool that can quickly and easily extract video from unknown and new DVR players, by learning how to manipulate them on the fly. The system is always 100% current and able to convert digital video data into a standard format.

It is instantly viewed in standard Windows-based applications for editing, analysing or presenting in court.

### Key Features & Benefits

- Frame accuracy
- Easy to use
- Accurate or real time capture modes
- Software learns players
- Extracts to a video you can use anywhere



For further information visit:

<http://www.scyron.co.uk/products/smart-extractor>

### BUSINESS CASES

- Compatible with any digital video material; reducing initial setup costs
- Works with new and not-yet-released CCTV video formats; maximising effective life
- In use with all major UK police forces and many international agencies

# video analysis starter pack



## SOLUTION CONTENTS:

- video inspector Starter Edition
- mosaic
- smart extractor
- vhs2avi
- video utility
- Scyron approved workstation

## The complete solution to analyse and process your video footage...

The Video Analysis Starter Pack software can be used with the Video Management Starter Pack or on its own or with any other existing video processing facilities you may have.

The pack offers considerable functionality from the Scyron analysis and processing tools allowing the end user to retain the capabilities of the fully integrated networked systems but at much lower cost.



\* Canopus AVC300 is sold separately

\*\* Workstation consists of fully configured base-unit only, keyboard and mouse available at extra cost

### video inspector starter edition

Automatically searches video such as CCTV for user defined events  
Drastically saves time by avoiding having to manually watch video  
Supports Ovation Afterburner and any Unencrypted DVD video  
Prevents mistakes by ensuring the entire video is tirelessly watched  
Exports specific events in the source video to DVD video

### mosaic

Allows a user to mask-out (pixelate) or enhance areas of video  
Dramatic time savings by auto-tracking masked object positions  
Avoids frame-by-frame intervention for the users  
Easiest and fastest way to comply with data protection rules  
Preserves original footage integrity

### smart extractor

Purpose built for extracting video from custom CCTV players  
Can be trained to use 99% of Computer Based CCTV players  
Ensures pixel for pixel and frame by frame capture  
100% compatible with all Scyron video products  
Saves time - unattended once the process is started

### vhs2avi

Captures video from analogue sources and saves them as digital video  
Very simple to use, select source – press record  
Outputs in standard video format that can be used with all Scyron video products  
Supports Canopus AVC300 for handling poor quality VHS video\*

### video utility

Simple tool to allow you to import and export standard DVD video  
Converts DVD to a more convenient editable format and vice-versa  
Free up your time by working unattended  
Ensures that video streams can be viewed in a standard DVD player  
Compatible with Multimedia manager

Fully Configured Scyron Approved Workstation \*\*(desktop or laptop)



For further information visit:

<http://www.scyron.co.uk/products/video-analysis-starter-pack>

part of  
**CI**  
Centerprise  
INTERNATIONAL



# video management starter pack



## SOLUTION CONTENTS:

- multimedia manager Starter Edition
- body worn video Starter Edition
- volume crime Starter Edition
- media presenter Starter Edition
- video utility
- Scyron approved workstation

## The complete management solution to manage your video footage...

The Video Management Starter Pack contains a complete suite of software that enables the user to import, manage and present digital video footage. The starter edition versions function from a single fully configured Scyron Approved Workstation allowing the end user to retain the capabilities of the fully integrated networked systems but at much lower cost and with the possibility of upgrading as requirements grow.

The wizard driven Body Worn Video and Volume Crime products allow non-specialist users to achieve professional results without having to get involved in the technical aspects of video processing, producing the best possible quality output in a fraction of the time.



\* Unless otherwise stated starter editions versions lack network functionality and are limited one workstation, however the data created is fully compatible and can be used with the Workgroup and Enterprise versions

\*\* Workstation consists of fully configured base-unit only, keyboard and mouse available at extra cost.

\*\*\* Analogue capabilities require optional analogue pack at extra cost

### **multimedia manager starter edition**

Eases management of large repositories of complex digital evidence  
Saves time and effort by managing the process while you work  
Create annotations, Edit Video and Timeline bookmarks etc.  
Common explorer interface  
One-Click compatibility with the other product

### **body worn video starter edition**

Manage footage from a large range of Body Worn Video devices  
Simple wizard-driven interface for non-specialist users  
Allows self-management of evidence by front line officers  
Maintains searchable repository of footage and outputs DVD format  
Compatible with Multimedia manager

### **volume crime starter edition**

Produce DVD Video from a large range of proprietary CCTV systems\*\*\*  
Saves time and effort by managing the process while you work  
Simple wizard-driven interface for non-specialist users  
Create annotations, bookmarks and stills from footage as easy as 123  
Compatible with Multimedia manager

### **media presenter starter edition**

Present complex digital evidence with ease in court or briefings  
One click presentation generation direct from Multimedia manager  
Simple navigation of video / audio bookmarks, image annotations etc.  
Supports presenting of Computer documents and Websites  
Allows presentations to be edited on-the-go

### **video utility**

Simple tool to allow you to import and export standard DVD video  
Converts DVD to a more convenient editable format and vice-versa  
Free up your time by working unattended  
Ensures that video streams can be viewed in a standard DVD player  
Compatible with Multimedia manager

Fully Configured Scyron Approved Workstation \*\* (desktop or laptop)



For further information visit:

<http://www.scyron.co.uk/products/video-management-starter-pack>



## SOLUTION CONTENTS:

- IPV6000
- NVR5000
- IPV5000
- FX/FXL
- IPV Client
- NetManager

CCTV Surveillance, image recording and review systems have never been more important in helping organisations and businesses keep people, property and the environment safe and secure.

The Visio)prime range of intelligent video processing equipment has been developed not only to provide high quality image capture and efficient storage solutions but also with ease of use for operation and maintenance in mind.

Visio)prime's scalable solutions are designed to support complex installations incorporating multiple networked video servers, large numbers of analogue and IP cameras and multi-terabyte data storage.

Visio)prime's global vision is supported by a world-class R&D team in software and hardware video engineering for wavelet, MPEG4, MJPEG and H.264 based compression thereby ensuring reliability in even the most demanding of situations including:

- Police stations and prisons
- Commercial office buildings
- Casino
- Shopping complexes
- Transport
- Schools, colleges and universities
- Hospitals and health centres



### Digital/Network Video Recorders



### Network Clients





Visioprime's Hybrid Digital Video Recorder (**IPV6000**) is a low cost, robust, high performance recorder featuring cutting edge H.264 encoding and up to 32 analogue inputs.



**KEY FEATURES**

- H.264 support
- Storage:
  - Up to 10TB of dedicated storage
  - Hot-swap option for easy maintenance
  - RAID option (1/5/10 + Hot spare)
- Analytical video searching
- Up to 960 images per second at 4CIF
- Video Motion Detection
- Mixed live/playback display
- Crystal clear lip-synched audio
- Configurable authorisation levels - includes Active Directory integration
- Multi-Manufacturer IP camera support
- Multiple export formats
- Advanced remote system operation
- Audit trail - User activity log
- Digital zoom
- Camera Sabotage Detection



Read more...

Visioprime's Network Video Recorder (**NVR5000**) offers a robust, high performance recording and playback system for a wide range of IP cameras and encoders.



**KEY FEATURES**

- H.264/M-JPEG & HD support
- Multi-Manufacturer IP camera support
- Storage:
  - Up to 10TB of dedicated storage
  - Hot-swappable for easy maintenance
  - RAID option (1/5/10 + Hot spare)
- Analytical video searching
- Up to 480 frames per second at 4CIF
- Video Motion Detection
- Configurable authorisation levels - includes Active Directory integration
- Mixed live/playback display
- Multiple export formats
- Multi-stream architecture
- Advanced remote system operation
- Audit trail - User activity log
- Digital zoom
- Camera Sabotage Detection



Read more...

- Broadcast quality images
- True Hybrid Intelligent Video Processor - Analogue and IP camera inputs\*
- Crystal clear sound at up to 96 KHz sampling
- De-interlaced playback
- Efficient storage using MPEG4 compression
- View cameras on dual-monitor map overlays



**IPV5000**



Read more...

**BENEFIT**

- >800 ips
- IP camera support
- Multi-stream architecture
- Parallel DSP architecture
- Ganging multiple camera views
- Intelligent event viewer
- Con-gurable authorisation levels
- Camera Sabotage Detection
- Reliable VMD
- 32 ext alarm in & 16 alarm out
- Video loss alarm
- Multi manufacturer PTZ support
- 8 and 16 channels
- Integral DVD writer
- Limit network bandwidth usage
- Strong authentication
- Stereo audio with up to 96 kHz sampling
- Mixed Live/Playback display
- Digital Zoom
- De-interlaced playback
- Sophisticated video searching
- Remote system operation:
- Detachable connection panel
- Flexible event association
- Gigabit Ethernet - 1000Base-T
- Fully scalable system
- Unlimited network expansion
- Up to 4.0 TB internal data storage
- On Screen Keyboard

- Broadcast quality images
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**FX & FXL**



Read more...

**BENEFITS**

- Records from up to 16 simultaneous
- Recording rates of up to 50 ips system-wide
- Up to 16 external alarm inputs
- Gigabit network connectivity
- Network video streaming
- Export of audio and visual images to CD or DVD
- 4, 8, 12 or 16 channels
- Up to 4 sequencer monitor outputs
- Powerful video compression with image authentication
- Video Motion Detection (VMD) and optional Super VMD (SVMD)
- Live display rate of up to 25 ips (L models)
- Event-based recording (VMD and Alarms)
- Remote system configuration and playback via Visioprime NetManager
- Controls for Pan-Tilt-Zoom cameras and domes
- video and 4 audio inputs
- Lip-synchronised audio playback
- Scheduled recording
- Alarm on loss of video inputs
- Bi-directional audio (1 Channel)
- Fully scalable system
- Unlimited expansion over a network

- Crystal clear, lip-synched audio.
- Clear moving image playback through de-interlacing.
- Multiple server connections.
- Remote configuration.
- Export in multiple file formats.



**IPV Client**



Read more...

**BENEFITS**

- Remote monitoring of system's live video and audio
- Remote playback of system's recordings
- Intuitive easy to use GUI
- Remote configuration of system without interruption
- Control supported PTZ cameras
- Password-protected login
- Powerful motion event search tool
- Mix live and recorded channels on one screen
- Export of data and IVPPlayer to CD/DVD and USB Storage
- Dual-monitor display with Map GUI

- The full functionality of a Visioprime system on a remote client.
- Display of up to 16 cameras, from multiple systems across your network, in playback or live mode.



**NetManager**



Read more...

**BENEFITS**

- Same easy to use GUI
- Remote monitoring of system's live video and audio
- Remote playback of system's recordings
- Remote configuration of system without interruption
- Control PTZ cameras
- Password-protected login
- Powerful event search tool
- Bi-Directional Audio
- Mix live and recorded channels on one screen
- Export of data and Player to CD and DVD & USB Storage



# Training



## Flexible training designed around you

**In the same way we've developed our products, our training is also tailored to your needs.**

A typical training event will take one day. You can select between training options:

- **Attend one of our classroom-style training events at our fully equipped facility in Birmingham**
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For full information on Scyron training, contact: support on 08454 606 999 or [support@scyron.com](mailto:support@scyron.com)

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# About



For the past 30 years Centerprise International has been acknowledged as one of the largest and most respected IT providers in the UK. A real British success story, CI has developed a steadfast reputation for delivering large scale IT projects within the Corporate, Education, Government and Reseller sectors. Initial success grew in manufacturing high quality customised desktop PCs, notebooks and servers in Basingstoke. Over the last decade in response to customer demands, CI has diversified and enhanced their services to include Total Service Provision, System Integration, and Full Managed Services, and has become a significant reseller of many Tier 1 branded products.

## Capabilities

CI can offer all customers the following:

- An excellent track record from an established business
- A committed and dedicated team who really want to solve your problems
- Flexibility and adaptability in meeting customer needs and requirements
- State-of-the-art logistical set up
- The award of important Accreditations and Framework Agreements
- A diverse business portfolio



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Centerprise International Limited trading as Scyron

Innovation Centre  
Longbridge Technology Park  
1 Devon Way  
Birmingham  
B31 2TS

t +44 (0) 8454 606 999

[www.scyron.co.uk](http://www.scyron.co.uk)  
[sales@scyron.co.uk](mailto:sales@scyron.co.uk)



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