

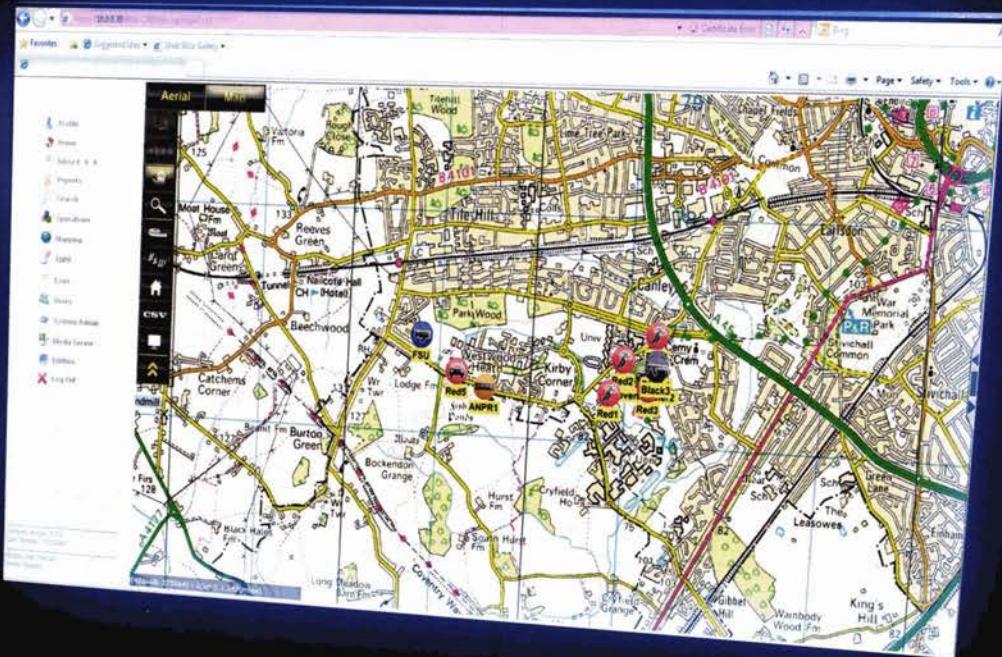
INNOVATIVE SOLUTIONS FOR SECURITY PROFESSIONALS



THE SECURE CHANNEL FOR INTEGRATED SECURITY SOLUTIONS



SONCELL INTERNATIONAL
A HOMELAND SECURITY COMPANY



The CIP is a highly sophisticated but simple to use intelligence management platform.

Utilising a versatile mapping interface the CIP provides an integrated platform for monitoring, controlling, archiving and disseminating surveillance product from a wide variety of operational sources.

FACTS (Fast Action Command Tasking Software)

An operational command and control component, which provides the operational team with ability to log all events, actions and tasks associated with running a complex operation.

Real time alerts on your desktop when a "trigger event" occurs.

Powerful database tools which allow generic and operational data sets to be imported, integrated and geo-located with all the other operationally critical surveillance products.

Varied levels of user access to enable greater control over dissemination of information.

Integrates and geographically displays;

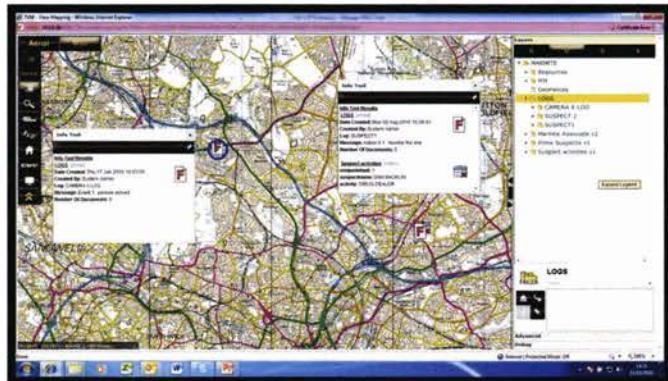
ANPR feeds.

Overt/Covert video feeds with DOMD
(Differentiating Optical Motion Detection).

Tracking inputs.

Sepura radio GPS inputs.

Convergent Intelligence Platform.



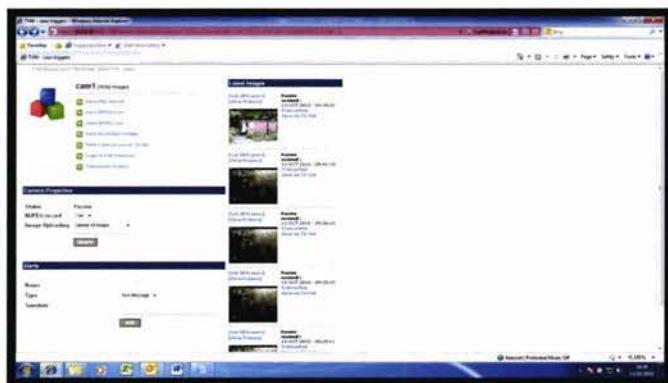
Screenshot 1

A dynamic mapping system scaled from 250k to Master-map allows the user to layer and manage multiple assets including Overt and Covert CCTV feeds, ANPR and GPS feeds.



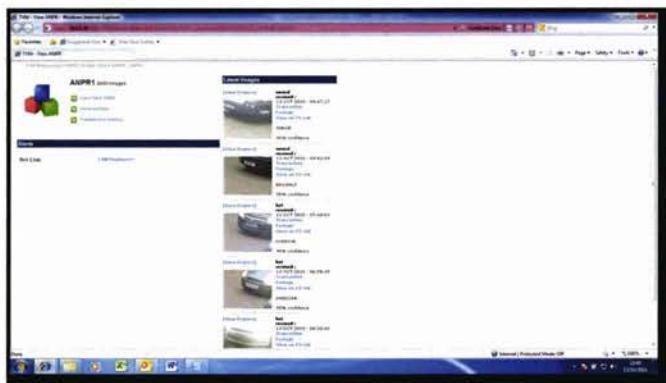
Screenshot 2

Aerial photography from the Pictometry library has been integrated into the CIP and aligned with the mapping system.



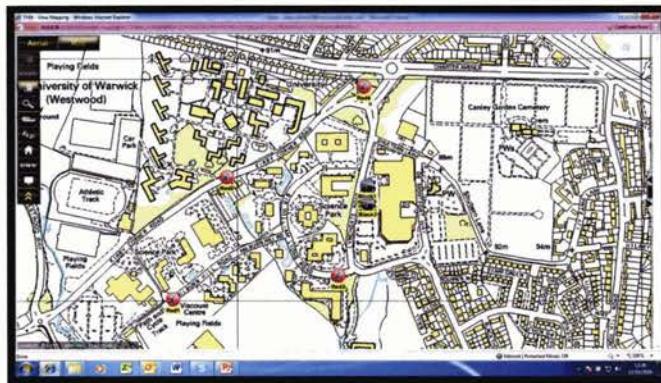
Screenshot 3

Real time alerts from Overt or Covert CCTV cameras can be managed and reviewed using the integrated Visual Intelligence Centre (VIC) module.



Screenshot 4

ANPR hot list driven alerts show how ANPR cameras can be controlled for covert operations through the ANPR module.



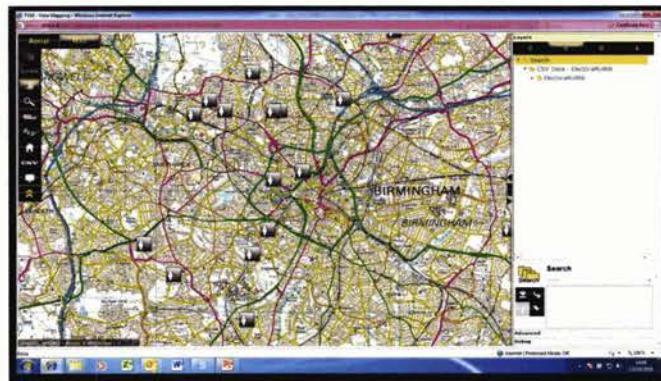
Screenshot 5

GPS inputs from mobile or vehicle Airwave radios can be tracked in real time on the map.



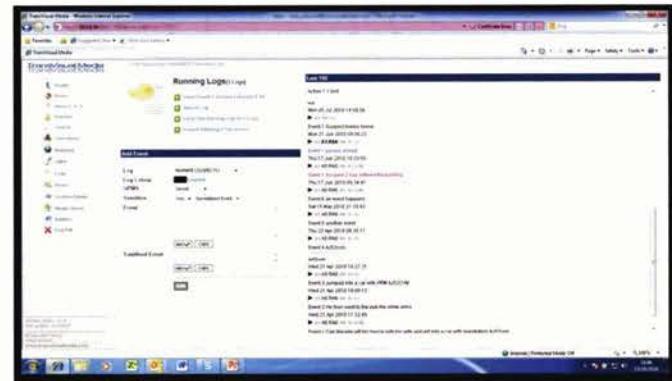
Screenshot 6

Real time and historic tracker journeys can be displayed on the map and alerts generated when defined geozones are activated or a confluence of two trackers occurs.



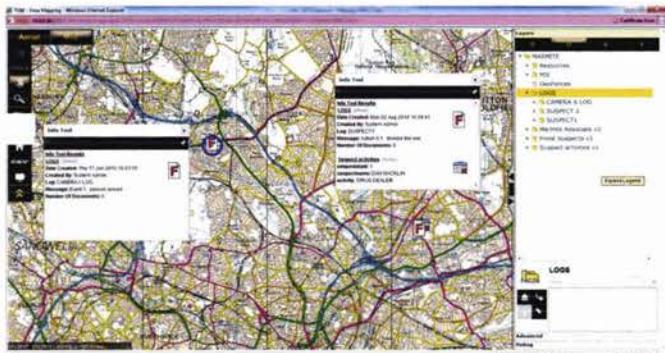
Screenshot 7

Plotted searches from external datasets can be geo-located on the map. Free text searching can also be performed over all data sets within the system.



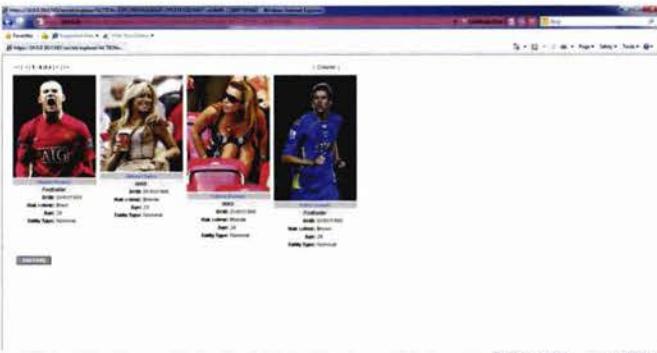
Screenshot 8

FACTS (Fast Action Command Tasking System) is a surveillance logging module ideal for tasking and action management in either high threat or routine operations.



Screenshot 9

FACTS logs can be geo-located on the map and colour coded according to priority.



Screenshot 10

The Image Management module has the functionality to upload, manage and tag images as well as the ability to show fast briefing sheets.

OBJECTIVE

The Convergent Intelligence Platform (CIP) has been designed and built by Panoptech working in close collaboration with our customer. The CIP allows all the component teams to work together on a common software platform to capture, analyse, manage and then visualize all of the data associated with running complex covert operations.

The CIP turns data into information and then that information into intelligence. The CIP is designed to deliver this intelligence to the right people at the right time to assist them in making the right decisions. The CIP delivers comprehensive command and control functionality via the integrated FACTS tasking and action management system to allow the operation to be managed to a conclusion quickly and accurately.

The CIP has been built to conform to stringent security requirements and uses only "approved" software platforms, tools and diodes.

2 Manage

The CIP answers the question "How do you manage all of the information generated by covert surveillance operations?"

3 Visualise

The CIP answers the question "How do you support your senior officer's decision making processes to reduce risk and deliver results?"

4 Command and Control

The CIP answers the question "How do you manage team tasking and action management in a fast-moving operation and ensure that the live intelligence accrued can be digested and actioned in real-time to the benefit of the operation and to maximise the value of the intelligence gained?"

5. FACTS

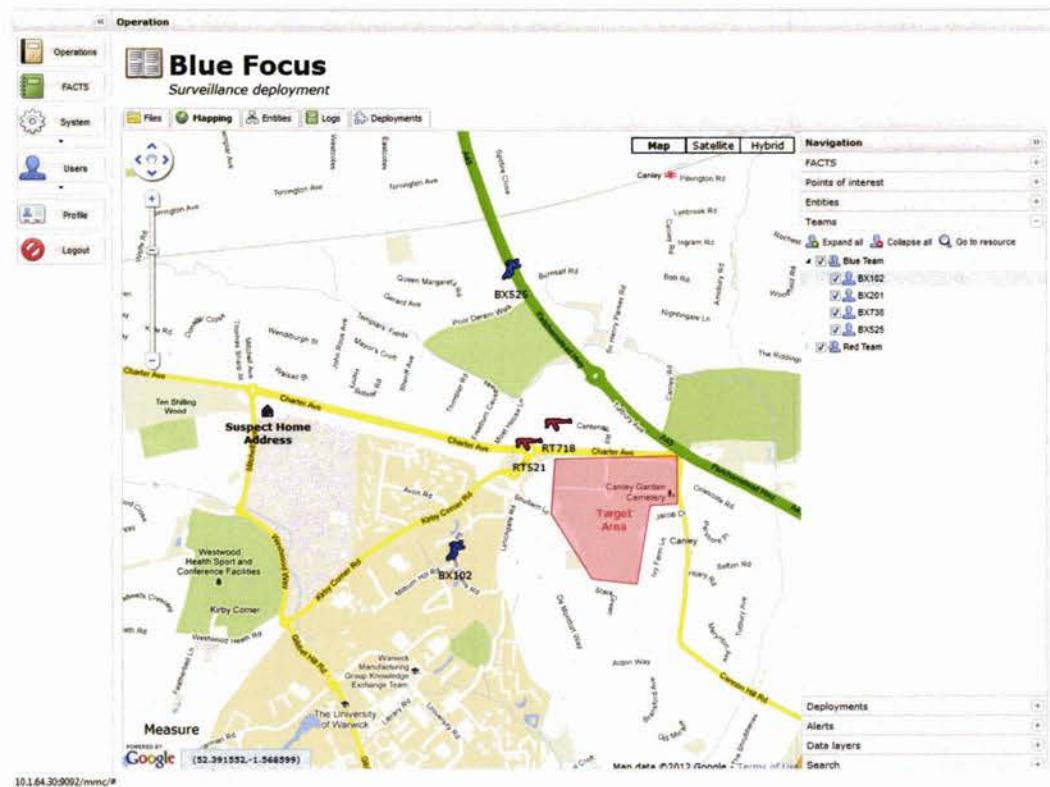
helps surveillance commanders to co-ordinate and log the actions of their surveillance teams, to evidential standards. It opens up key intelligence assets to other members of the wider surveillance community by placing these assets on the secure network in real time.

CLARITY SURVEILLANCE & TRACKING PLATFORM

Panoptech's Surveillance and Tracking Platform has been designed in conjunction with Police users to enable surveillance teams and operation rooms to manage their deployments more effectively.

It is based on a flexible architecture that will work over multiple sites and can be installed on any chosen network and accessed by remote devices.

- Showing the 'bigger picture' by integrating different types of operational intelligence
- Allowing easy integration with existing tracking systems
- Simplifying the job of team management
- Auto-selecting the most accurate bearer for an asset
- Identifying de-confliction alerts when teams work on the same area
- Providing a common operating platform for all users



Surveillance Teams

Rather than displaying several points when your team member is carrying several different tracked items, the system will auto-select the most accurate bearer and display this one. If this feed should fail, the system will jump to the next most accurate bearer.

De-confliction alerts will trigger and alert you when different surveillance teams come into close proximity. 'Safe Areas' can be created and alerts triggered if other teams enter your 'patch'.

Team management is simplified with a drag-and-drop interface to speed up deployment changes.

Visualise in real-time

CLARITY enables decision makers to see at a glance where their surveillance teams and suspects are and add in operational intelligence to see the bigger picture.

Areas and Points of Interest can be created for the operation and, if integrated with the FACTS suite, the system will also show geo-located surveillance events.

Journeys can be searched historically and the data exported in different formats.

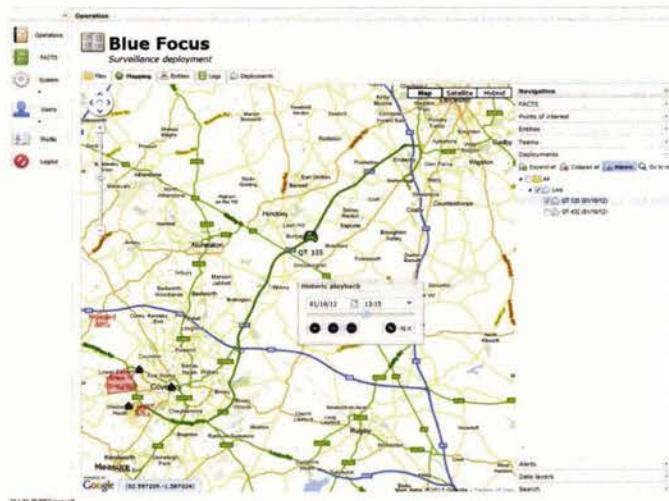
Panoptech's Surveillance and Tracking Platform optimises the situational awareness of your teams.

Easy Setup

The system allows for easy setup and integration with your existing tracking systems including:

- Terrafix
- Sepura
- Datong
- Q
- Hidden Technologies
- Ember

Historic data can be imported via a file upload if needed.



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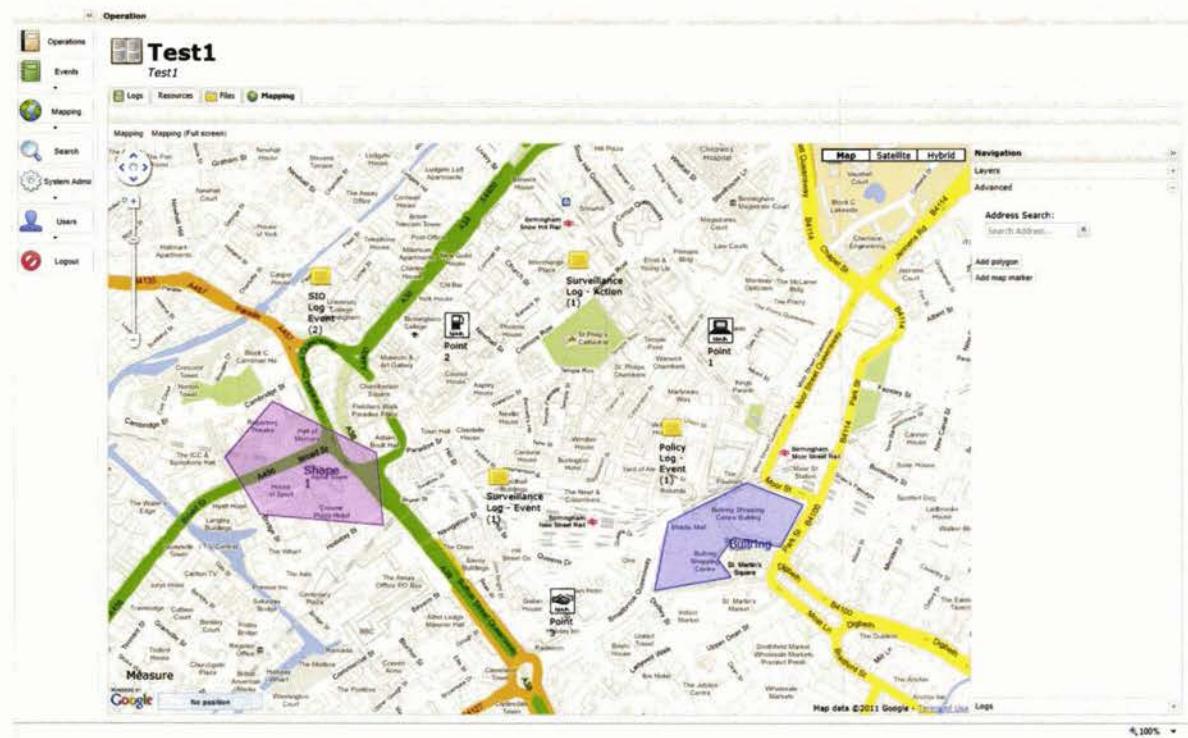
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FACTS CRITICAL INCIDENT MANAGEMENT SOFTWARE

FACTS is a flexible Command and Control suite designed in conjunction with Police users to enable operational teams to log evidential events; to assign operational tasks; to monitor team progress; and to ensure effective completion. FACTS ensures a fast and resilient team approach to the management of complex, operations and scenarios such as:

- Critical Incident Management
- Crime in Action
- Counter Terrorism Operations
- Serious and Organised Crime Investigations
- Surveillance Activity Logging
- Major Event Planning and Management



FACTS FAST ACTION COMMAND & TASKING SOFTWARE

FACTS is a scalable software tool that allows its users to effectively share information over multiple sites to cope both with every day operationally demanding environments and major incidents. The system can be pre-populated with incident plan templates to allow teams to respond efficiently and effectively to any situation.

The simple to use interface, running log and banner features combined with a real time tasking and action management system allows operational teams to manage and co-ordinate information. The ability to geo-locate all this information adds an extra dimension to an operation to provide a graphical overview of an operation.

FACTS can be installed on any chosen network and accessed by remote devices which allows for flexibility of deployment and use.

Further additional modules can be added to FACTS to build up an integrated operational and intelligence management platform for monitoring, controlling, archiving and disseminating intelligence product from a wide variety of operational sources.

These optional modules include:

- ANPR
- Tracking
- Intelligence data layers
- Entities (image management and facial recognition)

Please contact Panoptech for more details.



Multiple logs and events can be added to the system form which actions can be assigned to the relevant user/role. These actions and events then can then be easily exported to create reports and briefing packs. A full audit trail of all events and actions ensures the evidential integrity of the system



Integrated mapping options allow each log to be geo-located on the map in real time to allow incident commanders and users a graphical representation of where each log has occurred during an incident or deployment.



Zones and areas of interest can also be marked on the map as well as dynamic points of interest that are specific to an operation. Files, documents and pictures can be associated with these points of interest.

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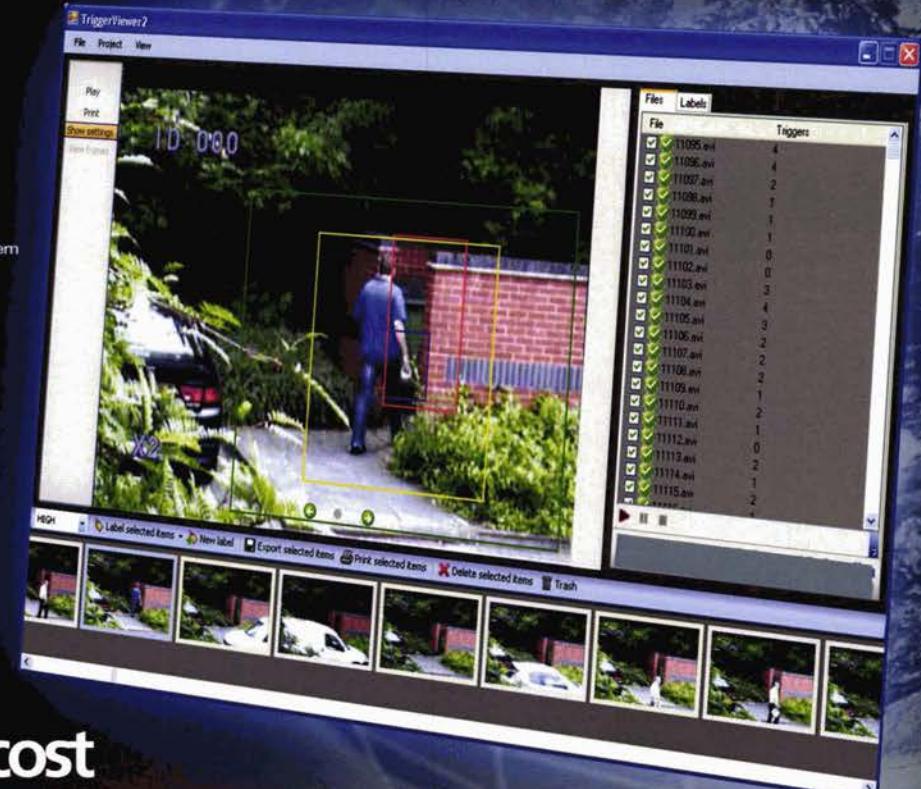
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ARGUS

POST ANALYSIS REVIEW SOLUTION system



Fast, reliable and cost effective analysis of recorded video product

- Capable of handling industry standard video formats
- Easy to configure motion detection analysis parameters
- Accurate analysis based on well proven motion detection tools and technology
- Quickly share and export analysis results
- Attractive pricing model
- Trial disks available

Specifications



Motion Detection is easily configured by setting a region of interest along with size based filters. Argus uses these filters to assign each trigger a confidence level. This means that Argus will still trigger even if it's set-up is sub optimal. Confidence can be enhanced through the use of virtual tripwires which allow users to target specific features for greater control.



Results are displayed without delay as the video footage is analyzed in a filmstrip which runs along the bottom of the screen. Alarms are ordered by confidence and can be viewed, labeled, exported printed or deleted. A yellow box highlights the object that caused the alarm event easing event identification and analysis.



Argus incorporates multi-codec video review software that is compatible with most systems deployed by the police and military. Users can review the entire footage or just the material around captured alarm events. Review is aided by activity graphs that show where motion and alarm events occurred in the scene. The video reviewer allows users to manually bookmark videos and facilitates the export of video segments.

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INNOVATIVE SOLUTIONS FOR SECURITY PROFESSIONALS

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INQUISITOR

INTELLIGENT FOOTAGE REVIEWER

30/09/2008 13:32:23



Leaders in intelligent surveillance management systems

- New rugged design
- Silent operation
- Multi function DVR
- Network capable
- Supports mpeg2, mpeg4 and div x codecs
- Local review and monitoring while recording
- Control interface for PTZ cameras
- Recording capability to external USB Hard drive
- Runs tvm award winning award motion detection software

Operational benefits

- No more wrestling with dvd's at the op
- Archive footage from safety of the office
- Vastly increased record time
- Massively reduced "post analysis" time
- When network enabled – provides real time alerts
- Provides RS232 interface for PTZ cameras
- Fully scalable and upgradeable reducing equipment redundancy

THE SECURE CHANNEL

t: 08456 44 77 32 www.transvisualmedia.com



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Dimensions & Power

| | |
|---------------------|---------------------------|
| Size mm (W x D x H) | 396 x 375 x 80 |
| Housing Material | SECC |
| Finish | Black & Natural Aluminium |
| Weight | 1.9kg |
| Voltage | 12 Volt (240/12 Volt PSU) |

Input & Output

| | |
|---|------------|
| 2 | USB Inputs |
| 1 | VGA |
| 1 | HDMI |

Drive

| | |
|------------|-------------|
| 1 | 2.5" DVD RW |
| Hard Drive | 500Gb |

| | |
|----------------------|-----------------------------|
| Supplied Accessories | 240/12 Volt Mains PSU |
| | Jog Shuttle Palm Controller |

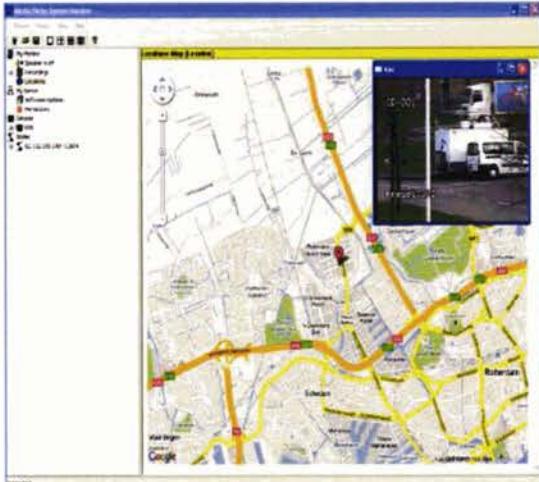
LYNX COMPACT MULTIMEDIA STREAMING SYSTEM

The Lynx Compact Multimedia Streaming System is a smart, low-bandwidth GPS supported cellular multimedia streaming system. It enables live location tracking and Audio/Visual monitoring as well as monitoring of alarm triggered events.

Key Features

- Handheld, wearable small form factor
- Live Streaming of video, audio and location data
- Built-in advanced HSUPA cellular module (SIM card required)
- High performance DSP Dual Streaming H.264 CODEC
- Built-In GPS Receiver
- AES 256bit encryption support
- Map based live and historical position tracking
- Remote configuration of Bit rate/Frame rate
- Compatible with Panoptech Flexiburner and Chilliburner products
- Dynamic bandwidth management
- Alarm push button
- 4 Alarm Inputs/Outputs
- Video Motion Detection
- Event Triggered SMS
- 5V output to camera
- Built-in lithium battery (5 hours streaming)
- Local Recording on flash media
- Remote multi unit Server Based Recording
- iPhone and PDA clients

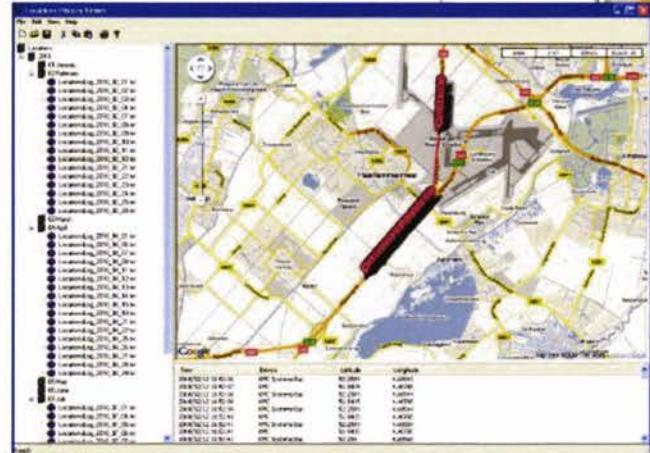
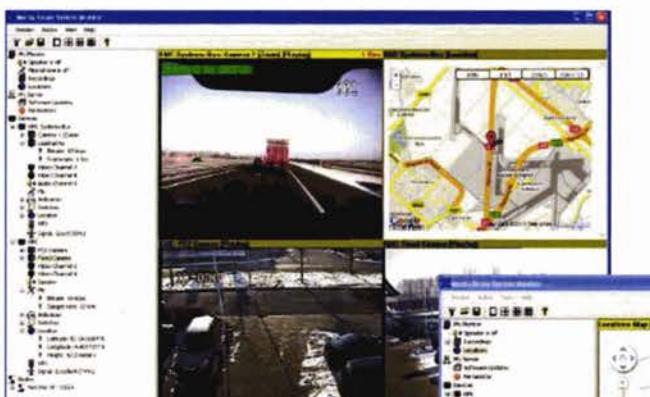
The Lynx-S2 Server Software Suite allows live multimedia and location monitoring of connected devices. The software can monitor up to two devices by unlimited number of concurrent users. An optional software upgrade will enable monitoring over 100 devices simultaneously.



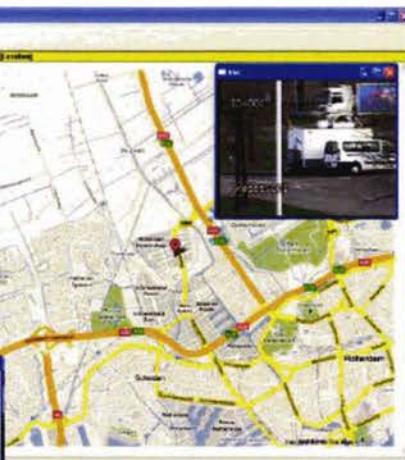
AVL-S2 software suit allows live multimedia and location monitoring of connected devices. The software can monitor up to two devices by unlimited number of concurrent users. An optional software upgrade will enable monitoring over 100 devices simultaneously.

The monitor software allows the user to monitor live streaming from any connected unit. Each channel of the unit can be recorded inside the unit and over the network. The monitoring software support by Google map or open street map which allows you to monitor all devices location including watching video (floating windows) over the map.

AVL-S2 Monitoring Software



- Live location Graphic Display over map
- Multi AVL-1 unit Tracking on a single map
- Live Video Display from a single or multiple -1 units
- Bidirectional Audio control
- On-Board Video/Audio recording Playback & Management
- Remote Video / Audio recording Playback & Management
- Historical location tracking per day per AVL-1 unit



- Remote Outputs Control
- Optional Motorized Camera Control
- Comprehensive Alarm Management Options
- Client/Server architecture for Multi AVL-1 units
- Multi User monitoring & management
- Permission based User Access control to AVL-1 units
- Centralized, on the fly remote AVL-1 units configuration and firmware updates



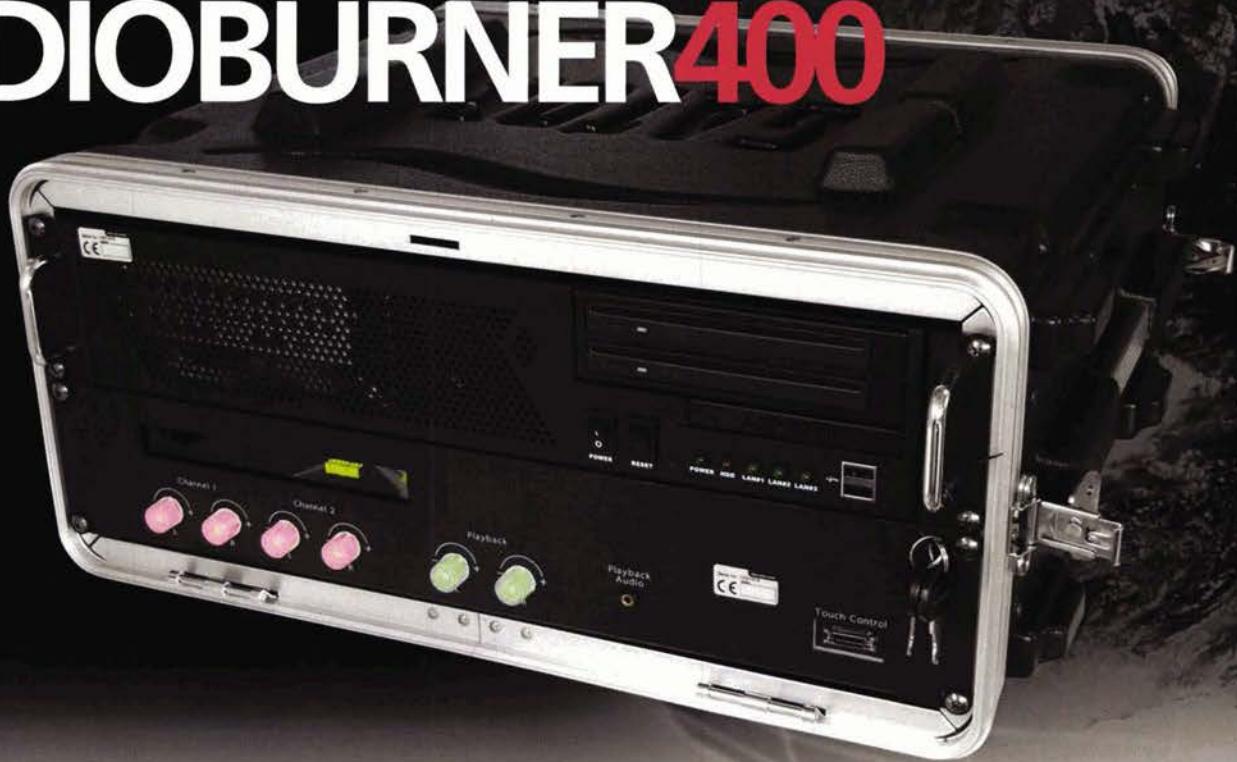
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AUDIOBURNER⁴⁰⁰



A rack mount high quality four channel stereo (2x analogue, 2x digital) evidential audio recorder designed in conjunction with law enforcement agencies to comply with UK evidential standards

- The built in mixing desk with vu-meters makes it easy to adjust input levels and playback pre-recorded footage.
- Records uncompressed files with studio quality in the wav format.
- Easy to use touch screen interface.
- Dual dvd burners produce both master and working copies simultaneously.
- Fully ip enabled with remote administration and review over secure networks.

**AUDIOBURNER
COMMUNICATOR
WITH INTEGRATED DIALER UNIT**



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THE SECURE CHANNEL

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SONCELL INTERNATIONAL
A HOMESECURITY COMPANY

Specifications

Dimensions & Power

| | |
|---------------------|--|
| Size mm (w x d x h) | 540 x 460 x 235 |
| Housing | Toughened Plastic with Aluminium Strengtheners |
| Finish | Black and Natural Aluminium |
| Weight | 19 KG |
| AC Voltage | 12 Volt (240/12 Volt PSU) |
| Current Draw | 10 amps Aprox @ 12 Volts |

Input & Output

| | |
|---|---------------------|
| 4 | XLR Inputs |
| 6 | XLR Outputs |
| 2 | SP Diff Inputs |
| 2 | SP Diff Outputs |
| 1 | Touch Control Input |
| 1 | Ethernet |

Media

| | |
|-------------------|--|
| DVD Requirement | DVD R |
| Burn Rate | 4 x |
| Typical Burn Time | 10 to 15 minutes |
| Hard Drive | 220Gb Actual Recording Space with Automatic 250Gb Backup. |

Analogue Audio

| | |
|------------------------------|--|
| Peak Analogue Input Signal: | +14.2 DBU (+4 DBU Setting) +2.1 DBV (-10 DBV Setting) |
| Peak Analogue Output Signal: | +14.0 DBU (+4 DBU Setting) +2.0 DBV (-10 DBV Setting) |

Dynamic Range

| | |
|----------|-----------------------|
| Inputs: | 99.6 DB (A-Weighted) |
| Outputs: | 101.5 DB (A-Weighted) |

THD (AT 0DBFS)

| | |
|----------|-------------------|
| Inputs: | Less than 0.0002% |
| Outputs: | Less than 0.0002% |

Frequency Response

| |
|------------------------------------|
| 22HZ – 22KHZ, -0.2, -0.4DB @ 48KHZ |
| 22HZ – 40KHZ, -0.2, -0.7DB @ 96KHZ |

Input Impedance

9.5K Ohms Minimum

Supplied Accessories

240/12 Volt Mains PSU
Touch Control with Extension Cable
10 PK DVD - R



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AUDIOBURNER RD



**A portable, 2 channel stereo (1 X analogue, 1 x digital)
High quality evidential Audio recorder designed in
Conjunction with law Enforcement agencies to Comply
with evidential Standards.**

- 12v power input makes the unit ideal for rapid Deployment or vehicle applications
- Record and playback audio files Simultaneously
- Easy to use touch screen interface
- A built-in mixing desk with vu meters makes it Easy to adjust input levels and playback Pre-recorded footage
- Records uncompressed files with studio Quality in the "wav" format
- Dual dvd burners produce both master and Working copies
- Fully "ip-enabled" with remote administration And review over ip networks

Specifications

Dimensions and Power

| | |
|------------------|---|
| Size | (W x D x H) 524 x 428 x 206 |
| Housing Material | Ruggedised Peli Case with attached cable wallet |
| Weight | 16 Kg |
| Voltage | 12V |

Input/Output

2 x XLR inputs (CH1 Analogue)
2 x Phono outputs (loop)
2 x Phono outputs (playback)
1 x 3.5mm stereo headphone jack (playback)
1 x SP Diff input (digital)
1 x Touch Screen control input
1 x Ethernet socket (external)
2 x USB ports (external)
12v power In
12v Power Out

Media

| | |
|-------------------|------------------------------------|
| DVD Requirement | DVD -R |
| Burn Rate | 4x |
| Typical burn time | 10 to 15 Minutes |
| Hard Drive | 250 Gb (205 Gb of recording space) |

Analogue Audio

| | |
|------------------------------|--|
| Peak analogue input signal: | +14.2 Dbu (+4 dbu setting) +2.1 Dbv (-10 dbv setting) |
| Peak analogue output signal: | +14.0 Dbu (+4 dbu setting) +2.0 Dbv (-10 dbv setting) |

Dynamic range:

| | |
|----------|-----------------------|
| Inputs: | 99.6 Db (a-weighted) |
| Outputs: | 101.5 Db (a-weighted) |

Thd (at 0dbfs):

| | |
|-----------------------|--|
| Inputs: | less than 0.002% |
| Outputs: | less than 0.002% |
| Frequency response: | 22 hz – 22 khz, -0.2, -0.4 Db @ 48 khz 22 Hz – 40 khz, -0.2, -0.7 Db @ 96 khz |
| Input impedance: | 9.5k ohms minimum |
| Supplied Accessories: | 240/12 Volt Mains PSU TouchControl with Extension Cable |



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FLEXIBURNER²

EVIDENTIAL RECORDER

Leaders in intelligent
surveillance management
systems

- New rugged design
- Silent operation
- Multi function DVR
- Network capable
- Supports mpeg2, mpeg4 and div x codecs
- Local review and monitoring while recording
- Control interface for PTZ cameras
- Recording capability to external USB Hard drive
- Runs tvm award winning award motion detection software

Operational benefits

- No more wrestling with dvd's at the op
- Archive footage from safety of the office

- Vastly increased record time
- Massively reduced "post analysis" time
- When network enabled – provides real time alerts
- Provides rs232 interface for PTZ cameras
- Fully scalable and upgradeable reducing equipment redundancy



FLEXIBURNERDUO
DUAL CHANNEL UNIT AVAILABLE

Specifications

Dimensions & Power

| | |
|-----------------------|------------------------------|
| Size mm (W x D x H) | 195 x 280 x 80 |
| Housing Material | Extruded Aluminium Heat Sink |
| Finish | Powder Coat Black |
| Weight | 4.5kg |
| Voltage | 12 – 30 Volts DC |
| Current | 1.2 amps @ 12 Volt |
| Operating Temperature | -5° C to 55° C |

Input & Output

| | |
|---|---|
| 1 | BNC Input |
| 1 | BNC Output |
| 1 | RS232 / 485 (44 pin D Connector c/w Break Out Lead) |
| 2 | Ethernet |
| 6 | USB |
| 1 | VGA |
| 1 | 12v Power Input |
| 1 | 12v sw Output |
| 1 | 3.5mm Mic Input |

Recorder

| | |
|-------------------|---|
| DVD Requirement | DVD -R |
| Burn Rate | 8x |
| Typical Burn Time | 10 – 15 Minutes |
| Hard Drive | 250 GB Internal (Optional External USB HDD up to 500GB) |

Video

| | |
|-----------------|---|
| Codec | MPEG2, MPEG2 Time-lapse, MPEG4, Div X |
| Resolution | 640 x 480 (352 x 240 Option on MPEG4 & Div X) |
| Video Standards | PAL (NTSC on Request) |
| Video Quality | Very High, High, Medium, Low |
| Frame Rate | 1, 2, 3, 4, 5, 10, 15, 20, 25 |

Audio

| | |
|-------------|------|
| Channels | 1 |
| Compression | MP 2 |

Additional Features

| | |
|--------------------|--|
| Camera Control | Optional PTZ Control Via RS 232 & RS 485 Interface |
| Protocols Include: | Sonic Communications, David Horn, Pace Systems & Pelco "D" |
| Optional | Award Winning – Differentiating Optical Motion Detection |

| | |
|----------------------|---|
| Supplied Accessories | 240 / 12 Volt Mains PSU Open Ended 12 Volt Power Cable 10 Pk DVD -R |
|----------------------|---|



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SECURE WIRELESS

communications with
Security in mind

Panoptech 10.5Ghz and 8Ghz Licensed Carrier Class Wireless

Panoptech offer 6 to 38GHz high performance wireless solutions.

The RF spectrum is now becoming congested with unlicensed radio. Our study shows that links operating at 2.4GHz, 5.4GHz & 5.8GHz which are carrying mission critical data are becoming threatened with issues of congestion and noise.

Panoptech has been working with various organisations to produce new licensed microwave PTP radio operating at 10.5GHz and 8Ghz. This will give the customer peace of mind that their radio links will not be affected with interference. These units have no noise or congestion issues as the channel's given in 10.5GHz/8Ghz are specific only for the MOD and Police authorities.

Panoptech is the only company that offers this solution which includes the unique ACM (Adaptive Coded Modulation) which guarantees hitless transmission operating from QPSK – 256QAM.

Operating within the licensed frequency band of 10.5Ghz/8Ghz Panoptech avoids the contention often encountered within license free bands.

Units are truly scalable achieving bandwidths from 10mb to 400mb whilst utilising the same hardware, this is achieved via software upgrade (400mb requires additional ODU's and Antenna's) 1Gbps can be achieved using additional hardware. 2Gbps will be available Q3 this year.

THE SECURE CHANNEL

t: +44 (0)1252 812055 www.panoptech.co.uk



Specifications



Key Features

- Highest radio capacity and flexibility 10-500 Mbps per radio carrier
- 7-56 MHz channel bandwidth (ETSI & FCC compliant)
- Full capacity over 6-38 GHz licensed frequency bands
- Unique Adaptive Coding & Modulation (ACM): QPSK- 256QAM for highest spectrum utilisation and maximal radio link availability
- Native2 and pseudowire support
- Integrated advanced Ethernet switching
- Integrated TDM cross-connect and nodal capabilities
- Advanced Quality of Service (QoS) capabilities
- Intelligent Ethernet header compression mechanism improves effective throughput by up to 45%
- MEF-9 & MEF-14 certified for all service types (EPL, EVPL and E-LAN)
- Longer distances, smaller antennas with Panoptech's advanced high power RF units
- Easy split-mount or all-indoor installation

| Profile | Modulation | Minimum Required Capacity License | Radio Throughp (Mbps) |
|---------|------------|-----------------------------------|-----------------------|
| 0 | QPSK | 25 | 21 |
| 1 | 8 PSK | 25 | 29 |
| 2 | 16 QAM | 50 | 43 |
| 3 | 32 QAM | 50 | 50 |
| 4 | 64 QAM | 50 | 57 |
| 5 | 128 QAM | 100 | 69 |
| 6 | 256 QAM | 100 | 80 |
| 7 | 256 QAM | 100 | 87 |

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TS FUSION

SECURE FIBRE BROADBAND
ADSL & MPLS DATA SERVICES

Panoptech are the largest provider of fixed and mobile data services to UK Law Enforcement Surveillance Professionals. Our Panoptech TS FUSION Data Services operate on the trusted capability of the BT Colossus Network that provides high speed, low latency and low contention services backed by robust service support. TS FUSION ADSL offers 2 fast and efficient methods of connecting data devices across the internet. For more secure operations we recommend our TS FUSION MPLS services comply with CESG Manual V approved encryption (AES256) operating within a closed-user group environment.

Panoptech Fusion Fibre Broadband

In those areas of the UK where the Super Broadband infrastructure has been installed and commissioned, Panoptech can now deliver Fibre Broadband products that comply fully with the covert specification of the existing Panoptech TS FUSION range. Panoptech Fusion Fibre delivers up to 40Mbs down link speeds and up to 10Mbs up-link speeds incorporating ultra-low latency. Speeds are dependent on the location where the line is installed, its distance from the exchange and its distance from the roadside cabinet.

Panoptech Fusion Fibre Pro also delivers up to 40Mbs downlink speeds and up to 10Mbs up-link speeds incorporating ultra-low latency. Speeds are dependent on the location where the line is installed, its distance from the exchange and its distance from the roadside cabinet. Fusion Fibre Pro also incorporates the enhanced feature that data traffic routed to and from the line is designated as priority traffic over the network. Neither product is constrained by usage limitations at this time.

Competitively Priced

Our pricing model reflects the highly competitive market that exists for Fibre Broadband and ADSL in the UK. Despite many additional security features being incorporated as standard into the Panoptech product, our pricing is highly competitive against those of leading broadband providers, the use of which could put operations at risk.

- Fast and Effective Service Provision
- Covert provision and centralised billing
- Highly Competitive Service Costs
- Truly uncapped data tariffs
- Business Service with Low contention (1/1 MPLS, 20/1 ADSL)
- Contract terms from as little as 1 month
- Excellent support from DV cleared staff



SECURE SECURE FIBRE BROADBAND ADSL & MPLS DATA SERVICES, ADSL & MPLS

TS FUSION Fibre Broadband

A secure fibre broadband connection with the option of a static or dynamic IP address offering (subject to distance from the super broadband exchange) a maximum up-link speed of up to 10Mbs and downlink speed of up to 40Mbs, with no usage restrictions.

TS FUSION Fibre Broadband PRO

A secure fibre broadband connection with the option of a static or dynamic IP address offering (subject to distance from the super broadband exchange) a maximum up-link speed of up to 10Mbs and downlink speed of up to 40Mbs, with no usage restrictions. As an added feature data carried on this product will be designated as priority traffic over the network.

TS Fusion ADSL Standard

A secure broadband connection with static IP address offering (subject to distance from the exchange) a maximum up-link speed of 448Kbs and downlink speed of up to 8Mbs.

TS Fusion ADSL Premium

A secure broadband connection with up to 8 static IP Addresses offering (subject to distance from the exchange) a maximum up-link speed of 832Kbs and downlink speed of up to 8Mbs.

TS Fusion MPLS Premium

A secure MPLS connection with static IP Address offering (subject to distance from the exchange) a maximum up-link speed of 832Kbs and downlink speed of up to 8Mbs.

All TS FUSION products are:

Fast

We appreciate that time is of the essence for our customers and often circumstances dictate that data services must be provided quickly and efficiently. Through our TS FUSION "Expedite Programme" ADSL services can be established within 48 hours where an existing BT PSTN line is in place.

Flexible

Fixed data services such as Fibre Broadband, ADSL and MPLS normally carry a minimum 12 or 24 month contract. All Panoptech TS Fusion products provide flexible service arrangements with contract duration as little as 1 month.

Secure

With covert central billing and service support from our in-house DV Cleared technical staff you can be sure that your operational and administrative data will be secure and your operation will remain anonymous.



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Fleet, Hampshire, GU51 2UN

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MOBILE DATA FOR SURVEILLANCE PROFESSIONALS

Secure Mobile Data Services are an invaluable tool for Law Enforcement Organisations.

Panoptech have partnered with "Vodafone" and "Everything Everywhere", who have the most comprehensive Mobile Services UK coverage and who are fully committed to a timetable for the roll-out of 4G solutions. Our partnering arrangement designate Panoptech to be the only UK provider of truly unlimited Data Sims that incorporate covert, centralised provision and billing ensuring that your Force's operational capability and identity details are kept out of the public arena.

Panoptech also provide a range of mobile services products to allow the streaming of Audio, Video and now ANPR Data. In addition to the unlimited Data Sims, Panoptech can also provide fixed bandwidth based solutions at highly competitive prices.



To complement our mobile services portfolio, Panoptech have introduced an APN service that provides secure connectivity within a closed user group. The service delivers the capability to connect mobile to mobile devices using private static IP addresses. This APN Service eliminates the need to re-broadcast services to other mobile devices outside the network, increasing security, reducing latency and increasing overall capability across both networks.

To facilitate onward transmission to none mobile data sources, Panoptech have developed a secure peering arrangement across and between BT and "Vodafone"/"Everything Everywhere" that allows direct connection between mobile devices and devices connected to BT MPLS data services. This unique Panoptech network product is called TSFusion and is actively managed and maintained by our own in house DV Cleared technical staff.

Specifications

Specification

Mobile Data Products

Panoptech provide a full range of Mobile data products including iPads, mobile enabled laptops, PDAs, a wide selection of phones and accessories.

We also provide a comprehensive range of surveillance streaming products that have been widely deployed by many Law Enforcement Organisations

Mobile Data Connectivity.

Panoptech provide a range of data tariffs to suit your requirements. TS Fusion APN Access is a managed mobile data service providing mobile to mobile access and mobile to TS Fusion MPLS. The services is provided through a secure peering arrangement.

Any "Vodafone" or "Everything Everywhere" SIM can be migrated to the TS Fusion APN service.

Support

Panoptech provide on-line and telephone support for its Data SIM customer's during normal working hours (09.00 to 17.00, Monday to Friday) free of charge.

Additional Support can be provided outside these hours but should be pre-arranged.

Panoptech provide user training courses to train customers to programme and redeploy routers. Training (basic IP) is charged at £500 per delegate (course duration 2 days).

Additional Panoptech 3G-based solutions

3G Booster

3G Hand Held Analyser

LYNX Compact Multi-Media Cellular Streaming System

Audio Burner 400

Flexiburner2

Mobile Phones

Blackberry Handsets

Tariffs

"Vodafone"/"Everything Everywhere" SIM Only Tarrifs

"Vodafone"/"Everything Everywhere" Voice Only Sim

"Vodafone"/"Everything Everywhere" Data SIM 5Gb

Capped at 5Gb Per month

"Vodafone"/"Everything Everywhere" Data SIM Unlimited

Unlimited UK Data

TS Fusion APN Access

All SIM tariffs have Minimum contract duration of 24months and are subject to "Vodafone"/"Everything Everywhere" Terms and Conditions. Further discounts are available for Data SIM accounts, where over 100 SIMs are purchased from Panoptech.



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TARIFF MANAGEMENT

**...ensure that you are getting
best value from your network
service providers**

In this new era of austerity, enormous pressure has been placed upon public sector organizations to reduce costs and achieve greater value for money on spending, Panoptech is pleased to announce our new Tariff management service that is aimed at helping you ensure that you are getting best value from your network service providers. Panoptech are experts in secure network services and have many years experience in determining the best cost network solutions available for your organization. Our security cleared experts will analyse your current service provision and present you with options to maximize your service capability whilst reducing costs, freeing up vital capital that can then be reinvested or contributed towards spend reduction targets.

The costs of network services change almost daily as suppliers jostle to gain advantage in a market place that is highly

competitive. Cost savings are rarely passed on to existing customers but instead, more often than not, are offered to lure in new customers. Nevertheless there are an abundance of cost savings that customers can achieve either through negotiating with suppliers or by adopting newer lower cost service offerings. Panoptech can help you to get the most from your network service suppliers and saving can be substantial.

The service is absolutely free and requires no obligation from you to implement any of the recommendations made. Our experts make recommendations for products from leading industry service providers and will help you through the transition process to ensure that there is no impact upon the organization whilst any required alterations are made.

To take advantage of this unique offering call us free on:

08000 32 50 10

panoptech Unit C, Little Bramshot Farm, Fleet, Hampshire GU51 2RT

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SPECIALIST TRAINING SOLUTIONS

Panoptech provide a range of specialist courses delivering a mix of theoretical and practical instruction designed to focus on the specific requirements of the Surveillance and Security professional.



Basic IP -2 day course

Designed by former TSU officers to give attendees a sound working knowledge of IP based surveillance and digital recording systems applicable to the environment in which they will be required to work. Our instructors use a mix of theoretical and practical instruction to create a course which covers the necessary elements of IP technology and allows the attendee to work with the latest IP surveillance devices enabling them to put the theory into practice. The course syllabus includes:

- Introduction to networking
- Basic theory of TCP/IP and UDP
- Basic routing principles
- Connection and configuration of routers over a network
- Course available at Leeds & Fleet offices.

Advanced IP -2 day course

Designed for Security and Surveillance professionals who require a more in-depth knowledge of IP to enable them to effectively set-up and manage IP networks. The course delivers a mix of theoretical and practical instruction to ensure that the attendees are able to manage the practical complexities of advanced IP networking and ensure effective deployment of assets. The course syllabus includes:

- Dynamic multi point virtual private networking
- Multicasting
- Automatic routing versus static routing
- Internet and firewall security
- Course available at Leeds & Fleet offices.

IndigoVision Training -2 day course



Our bespoke IndigoVision course is designed to cover installation and management of IndigoVision equipment commonly used in a surveillance and security environment. The course utilises the latest IndigoVision equipment in a series of theoretical and practical exercises which will cover the set-up, maintenance and operation of the equipment. The course syllabus includes:

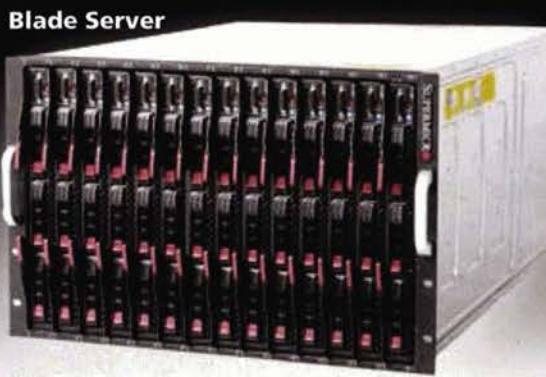
- Codec set-up and installation
- Network Video recorders
- IP and analogue camera connection
- Control centre operation and advanced features
- Video Motion Detection
- Course available at Leeds & Fleet offices.

Ceragon radio -2 day course CERAGON

Run by Ceragon certified personnel the course provides theoretical and practical knowledge of setting up, maintenance and troubleshooting radio systems. The course concentrates on the IP-10 series radio including the standard IP-10 and rapid deployment IP 10-C variants. The course syllabus includes:

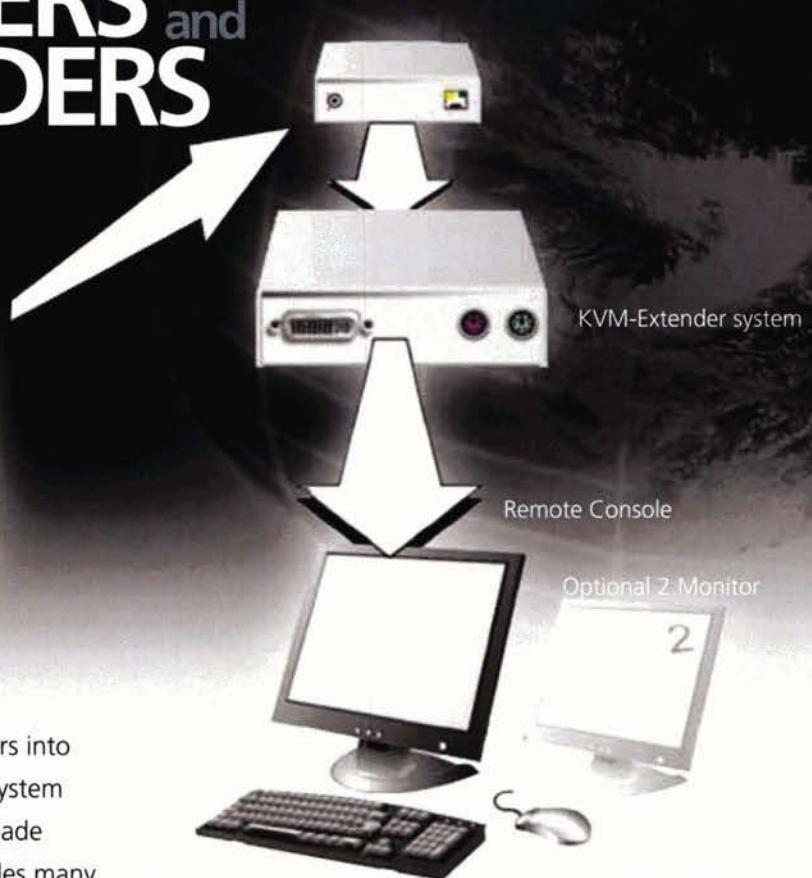
- IP 10 solution overview
- System architecture and design
- Link setup
- Link management
- Troubleshooting and maintenance tools.
- The course is available at the Ceragon offices in Redditch.

BLADE SERVERS and KVM EXTENDERS



A Blade System condenses traditional PC's / servers into a single unit providing enhanced security of the system by containing them in a secure environment. A Blade System starts with a blade enclosure which includes many of the common items seen in a computer; each blade includes components that make a computer unique, e.g. processor, RAM and storage

KVM extenders allow the keyboard, monitor and mouse to be located remotely from the Server or PC they are connected to by a single CAT5 cable up to 300m away or over longer distances over fibre optic cables. Options allow you to extend high quality serial, audio, USB or serial signals, over 1 or a number of channels



The combination of these products allows for many advantages to having a PC under the desk.

- Reduces the clutter found under many desks.
- Blades can be housed in a secure cabinet
- The blades are hot swappable reducing down time
- All software upgrades are carried out centrally instead of each PC individually
- Reduces the amount of infrastructure cabling required