

DON'T GET CAUGHT OUT!

“However Closed IPTV cannot be hacked, because the routing of the networked video is exclusively managed and tracked through the integrated switch, making it impossible for any hacking tool to identify and intercept the streams.”



WARNING!

In corporate presentations in early 2009, Dedicated Micros suggested that it was only a matter of time before an IP based CCTV system was hacked, and it wouldn't take the likes of Tom Cruise and his team in 'Mission Impossible', but would most likely occur using a laptop and tools downloaded from the Internet.

The 'traditional' IP wisdom was that this was unlikely, and any professionally installed enterprise class security system would not be prone to such risk.

It was in fact only six months later that this was demonstrated, when Viper Labs recreated the 3000 camera, Cisco IP Enterprise class solution used at the Dallas Cowboys Football Stadium, to show it's vulnerability.

The hack scenario, reported by Wired Magazine, used easily available tools from the internet to intercept the security video stream from the stadium and replace it with a still image – effectively blinding the security staff from monitoring the site.

The ease at which IP networks can be hacked is a key area concern for anyone wishing to implement an IP Security system.

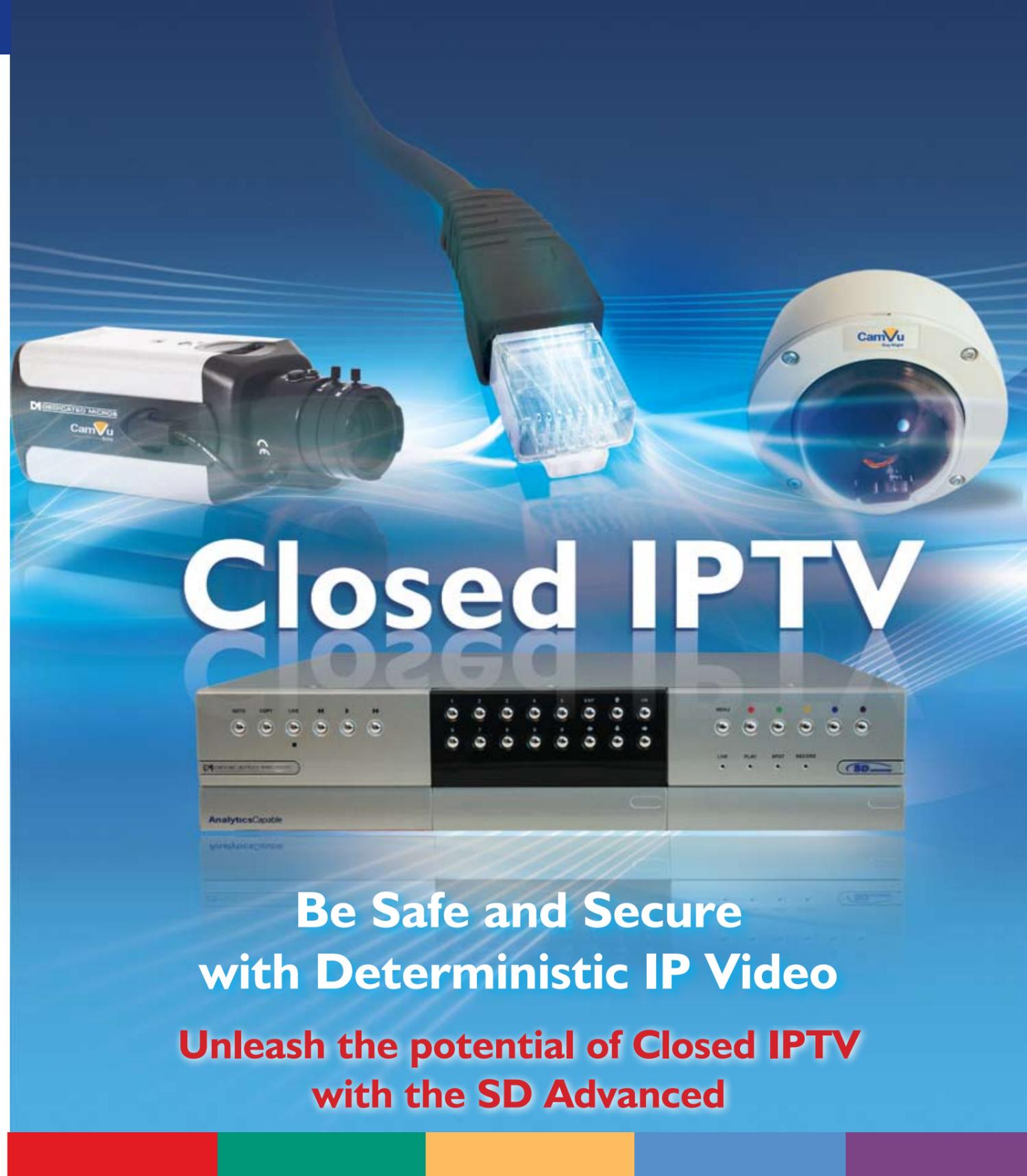
However Closed IPTV cannot be hacked, because the routing of the networked video is exclusively managed and tracked through the integrated switch, making it impossible for any hacking tool to identify and intercept the streams.



To find out more about Dedicated Micros' SD Advanced - Closed IPTV model contact:

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Closed IPTV

**Be Safe and Secure
with Deterministic IP Video**

**Unleash the potential of Closed IPTV
with the SD Advanced**



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Closed IPTV

BE SAFE AND SECURE WITH DETERMINISTIC IP VIDEO

Dedicated Micros' ground breaking Closed IPTV solution makes deploying an IP Video, CCTV system safe, secure and simple.

Combining patent-pending innovation with zeroconf networking technology, Closed IPTV automatically allocates IP addresses to IP cameras by physical port.

In this way the system is completely deterministic, creating firewalls and monitoring IP connections by individual network ports so they cannot be hacked or intercepted.

This ground breaking solution provides a very simple and secure answer to IP Video, meaning that no prior knowledge of IP networking is required.

Sophisticated and Dependable network security can be achieved with a single click.



SD Advanced Closed IPTV Model

- Hybrid DVR / NVR capable of seamlessly integrating analogue, IP and megapixel cameras
- Up to 32 inputs of any combination of analogue or IP
- Real-time recording per camera
- Connect our Layer 3 Switch for cascadable, secure, IP camera connections



EcoSense NVR

- Ideal entry-level Closed IPTV, NVR solution
- Integrated Layer 3 Enhanced CCTV Switch
- Directly connect up to 16 IP cameras, cascadable to 32 for a completely secure system
- Plug and Play connectivity with IP cameras - no prior network knowledge required
- PoE (Power over Ethernet) option



Layer 3 Enhanced CCTV Switch

- Provides a simple plug and play solution for Closed IPTV, IP cameras
- Deterministic allocation of IP addresses to IP cameras
- 16 network ports (10/100 BaseT) with optional PoE
- 4 gigabit cascade / uplink ports (1 x Closed IPTV Host, 1 x public, 2 x configurable)

SD Advanced - Closed IPTV Model

Leverage the benefits of SD Advanced's embedded NVR. Create a Closed IPTV IP video network of standard and HD cameras with deterministic configuration and secure 'lock down' with a single click.



CamVu IP Mini-domes

- Day/night and Hyper-D (WDR) models
- Up to 4CIF resolution, 540TVL, 25pps
- Power over Ethernet (PoE) or 12Vdc as standard



CamVu IP Static Cameras

- Megapixel, HyperD (WDR) and VGA models
- Megapixel model offers over 6 times the resolution of an analogue camera
- Power over Ethernet (PoE) option



PTZ Domes & Cameras

- Up to 36x optical zoom, Day/Night & Colour variants with 530TVL resolution
- **Point&Go** and Absolute Positioning for on-screen telemetry control
- Infiniti Camera has option of built-in IR Illuminator or Thermal Imager



Encoder

- Connect supported 3rd party IP Cameras to a Closed IPTV system
- Allows polymorphic streaming for 3rd party devices
- Enables HD CCTV Alliance Cameras to be used

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All products must be installed in accordance with manufacturer guidelines.

“Innovation is central to our approach to CCTV and Closed IPTV reflects this desire to push the boundaries of surveillance to deliver industry leading solutions which address real issues on the ground for customers – such as reliable and secure operation - and, crucially, provide a real return on investment.”

Mike Newton - AD Group CTO