Did not think you could get caught? THINK AGAIN!

New technology from Durban based imaging company, I-Cube, has blown the cover from the crooks, dramatically improving crime prevention, increasing metro revenue, reducing theft and putting criminals where they belong, behind bars.

I-Cube software is currently being used to identify stolen cars, drivers with outstanding warrants, vehicles which have never been registered, big spenders in casinos, important customers in banks and even different types of sugar. All this in fewer than 300 milliseconds, allowing real time response to what ever the computer has been trained to search for. A camera is connected to a computer allowing the computer to see the world. The connection between camera and computer might be wireless, CCTV cable, CAT 5, 3G, or even telephone, allowing a camera anywhere to be connected. The neural network software works just like a human brain and learns what to look for. Once trained, the software can work better than 99.9999% accuracy, 24/7, 365. Even with these impressive stats, why are criminals now nervous?

Pro-active enforcement has been revolutionised by the I-Cube software, allowing a wide range of simultaneous activities, from logging, database search, alarm and review, all at the same time. The old road blocks were static affairs, which where quickly known by the criminals in the area, especially those with contacts inside the force. The new, I-Cube equipped road blocks are mobile, going where ever crime moves. As the mobile LPR vehicle approaches, cameras on all sides of the vehicle record all faces, license plates, vehicle colour, shape, texture and intensity, even at speeds of over 250 KM/H. Key to success is the real time links to the multiple of databases the exist, from local law enforcement, information from neighbourhood watch or community police forum's, metro databases, eNaTis, Unicode, SAPS, crime line, farm watch, etc. The data from the mobile units are sent to all the databases, allowing suitably equipped reaction team to respond. If the I-Cube software identifies a vehicle which has an outstanding fifty rand fine, there is no need to call for armed reaction. However if the vehicle type does not match the plate or the colour, this would be a good vehicle to investigate further, rather than wasting the time of law abiding citizens. Where a vehicle was identified which had been seen on a regular basis in Cape Town and this suddenly appeared in Durban, within a few minutes of last being seen in Cape Town, this would certainly be a vehicle to investigate further, with suitable reinforcements.

I-Cube Technology: Coming to a roadside near you shortly (left to right): **Barry Fryer Dudley, MD of I-Cube showing the proactive crime prevention solutions to Ronnie Schmitz from Average Speed Determination and Albertha Bastiaan-West and Brian Bastiaan from Brainwave Projects.**

The I-Cube technology was central to the new speed determination system which is now available that measures vehicle speed, not based on a singular point (as most other methods do) but rather on the length of the route, so it slows down the traffic along the entire route rather than in specific points which are quickly known to drivers. Rather than receiving a fine for speeding at a specific spot one would be tracked over a few kilometres, allowing a more "democratic" fine to be issued. Key to this solution are the license plate recognition cameras installed above traffic lanes, which automatically captures all vehicles (not just speeding vehicles), recognizes the license plate (or records if there is not one present), and records the plate and date and time. The recognition data is reported by messages through a TCP/IP network to a central computer, which matches the pairs and calculates the average speed by the time that passed travelling between the points. The technology curbs speeding through automatically capturing every vehicle, provides the evidence in multiple images; covers all lanes and operates 24 hours a day (using invisible Infra-Red illumination). The biggest advantage for the driver is that the violation detection is not based on a singular point but rather on the length of the route.

For further information:

I-CUBE IMAGING SOLUTIONS ALLOWING PROACTIVE CRIME PREVENTION	
Barry T. Fryer Dudley	I-CUBE (Integrated Intelligent Imaging)
	MADADENI
(MBA {IT}; MSc {Image Analysis})	82 KLOOFFALLS RD
	KLOOF
	Durban KZN 3610
Imaging Consultant (LPR, IA & Facial)	
LPR@I-Cube.co.za	
SKYPE: fryerdudley	
	Direct line: +27 31 764 3077
	Fax: 0866539659
www.I-Cube.co.za	Mobile: 082 562 8225