

This brochure details information about the iC-YOU Intelligent ATM Security System, the product supplied by Patronus Systems. For details on this product please visit www.patronussystems.com. If you have any comments about the product, the content in this document, or its technical components, please contact Patronus Systems.

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INDEX

Introduction
The Solution
Remote Access
Productivity

page 5
page 7
page 10
page 11

“ Hiding in the darkness to pursue criminal activities is the method of many who operate outside the law. Shine a light on those dark places and remind those who would do wrong that they are being studied, will rattle even the most hardened, clever or desperate of criminals. ”

AFFORDABLE, EFFECTIVE AND
RELIABLE VIDEO SECURITY
CAMERAS OFFER A SOLUTION
TO THE CHALLENGE OF
COMBATING ATM CRIME AND
VANDALISM .





INTRODUCTION

Physical security is inevitably a top priority when existing bank branches are being refurbished or when new branches are being planned. CCTV has traditionally been used to help detect, monitor and record evidence of criminal activity and create a safe environment within their branches.

Now, with the availability of affordable, effective and reliable video analytics, security cameras, offer the perfect solution to the challenge of combating ATM crime and vandalism.

The need has never been greater with thieves and fraudsters becoming even more innovative in the way they carry out their skimming or card trapping activities. The recent trends in physical ATM security can protect the cash, but the damage to the ATM, the building and card fraud calls for more proactive and preventative measures.



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iC-YOU | Intelligent ATM Security System

THE PERFECT SYNERGY BETWEEN CUSTOMER PROTECTION AND CRIMINAL CONVICTION.

THE SOLUTION

A dual camera ATM security system with built in analytics is designed to deter as well as detect either physical or skimming device attacks.

Camera 1: An imaging camera equipped with video analytics is located above the ATM to detect anyone loitering, extended queues or potential robberies.

Camera 2: A full HD pinhole camera is discretely and securely mounted within the ATM to capture clear, sharp facial images.

HOW DOES IT WORK?

Integration with ATMs enables the dual camera ATM security system to detect that someone has been at an ATM for a specified period of time and yet no transactions have taken place.

When this situation occurs, the analytics triggers the capturing of a mugshot of the face which is instantly transmitted with an alert to a bank's central control room, or a commercially operated remote monitoring centre.



The ATM Machine will always be an attractive location for criminals to focus and hone their craft, especially if they feel they can escape detection. Patronus Systems is determined to ensure detection and apprehension become the ultimate partnership due to the use of our products.



IF A CRIMINAL
FEELS THEY CAN
CONDUCT THEIR
ACTIVITIES WITHOUT
DETECTION, WHAT
WOULD STOP
THEM?

REMOTE ACCESS

Operators are able to remotely access both the cameras to see live or recorded images of the incident and have the option to use audio communication to scare off vandals or potential skimmers. If the cameras are tampered with in any way, an alarm is raised and the images can be examined and passed to the police.

An area in front of the ATM is set as an analytics zone. Anyone entering the area can be recorded by the overhead camera and in the event of any suspicious activity, the second facial camera can be triggered.

Both cameras record on a local SD card, as well as alerting the monitoring centre. The analytics zone will not only detect, count and record, but will also minimise false alerts.

Adding the next generation of video surveillance analytics transforms an existing CCTV system into a highly reliable intruder detection system for banks and stores. The ATM security system can easily be expanded to cover existing in store/branch cameras to provide control room operators with a powerful reporting tool to help them identify suspicious activity and when appropriate, to despatch security guards or quickly report the incident to one of the emergency services. The result of doing this is a high detection rate and a dramatic reduction in false alarms that can be generated by traditional intruder detection devices.



PRODUCTIVITY

In addition to being a powerful tool to help combat criminal activity, analytics can produce accurate business intelligence to enable banks to gain a greater understanding of customer activity and the staffing levels required in order to manage queues at peak times.

Supported by the iC-YOU cloud based customer people tracking solution, they can also be used for marketing and merchandising purposes.



Intelligent camera systems provide both a deterrent and customer confidence.



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