PACOM Innovation Seminar

Dubai – Conrad hotel – January 22nd 2018

RIGHTCROWD
EVERYONE ON SITE IS RIGHT

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STANLEY

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Agenda

- Welcome & introduction
- **3:40 – 4:00** PACOM hardware – new features and devices around 800x family controllers
- **4:00 – 4:30** PACOM software – new integrations: biometrics, mobile access, automatic license plate recognition – video – workflow
- **4:30 – 5:15** RightCrowd – the workflow solution, management of critical safety, security and compliance processes
- **5:15 – 5:45** Stanley Access Technologies – automatic and manual swing and slide doors, door operators, revolving doors
- **5:45** Conclusion and drinks

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Introduction about PACOM

FOUNDED IN 1983

MORE THAN 30 YEARS OF EXPERIENCE WITHIN THE SECURITY INDUSTRY

MORE THAN 70 000 INSTALLATIONS

WHAT WE DO

DEVELOP OPEN, INTEGRATED SECURITY SOLUTIONS

GLOBAL REACH

OFFICES IN UK, FRANCE, SWEDEN, SPAIN, USA, AUSTRALIA AND SINGAPORE

REPRESENTATION IN MORE THAN 50 COUNTRIES

VALUE ADDED RESELLERS (VAR) AND PARTNERS

WE OFFER A RELIABLE AND WELL ESTABLISHED RESELLER NETWORK AND WE HAVE INTEGRATIONS WITH WELL KNOWN ORGANIZATIONS WITHIN THE INDUSTRY

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Pacom Product Portfolio

GMS (Management Software)

Pacom Unison Enterprise (Management Software)

Pacom Unison Standard (Management Software)

GMS Web (Cloud Based Administration)

Security Portal (Cloud based Reporting)

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EMCS – Multi-site Engine (Security Middleware)

Keypads & Devices (Peripherals)

Pacom Edge (Cloud Based Controllers)

Pacom Controllers (IP Intelligence)

3rd Party Products (Interoperability)

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Controller architecture

Le contrôleur 8002 existe en 3 versions

Type	# Lecteurs	# Cartes	# Entrées	# Sorties	# Zones
Small	8	500	32	8	32
Medium	32	2000	128	32	32
Large	64	5000	256	64	32

Note: Le module mémoire ne fonctionne que sur la version "Large" et permet d'étendre le nombre de badge de 5000 à 256000 et de 1000 à 128000 événements

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▶ 8003 V1.08

"The 8003 V1.08 focuses on providing customers with an enhanced alarm dispatch experience with support for the major alarm receiver protocols"

Expected Release Date: Released

Key Features:

- Support for Contact ID over IP Alarm and Event Transmission
- Support for SIA over IP Alarm and Event Transmission
- Support for SIA over PSTN Alarm and Event Transmission
- Integration of Inovonics devices
- Web Interface improvements
- Other enhancements and features

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8003 V1.09

"The 8003 V1.09 provides customers with a better user experience whilst providing improved security communications"

Expected Release Date: Q1 2018

Key Features:

- 8003 / 8603 / 8501
  LED / Buzzer Control
- 8209 Listen-in Support
- 8003 Support for AES-256 bit encryption on connection to EMCS
- British standards compliance (BS8243)

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▶ 8003 Controller firmware – 2018 & 2019

"Pacom will continue to enhance the 8003 to ensure that it is the most feature rich and powerful controller available in the market"

- 8101 Emulation Legacy Mode
- Web interface – Controller configuration
- Web interface – standalone basic access control
- Global Anti Passback and P2P Interlocking
- Low level interface controller elevator support (1065EC and 8501/8603)
- Aperio 485/IP support
- Peer-to-Peer operation
- Analogue input support
- Wi-Fi USB dongle for comms and config
- API for custom development
- IP camera support and IP locks support

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8603 – IP Card Reader Interface

"Pacom's new IP Card Reader Interface will provide unparalleled choice for customers"

Expected Release Date: Available Now

- Local IP Based 2 Door / 4 Reader module
- Compatible with 8002 / GMS
- IP from Controller to CRI
- RS485 for primary or backup comms
- OSDP Reader Support
- Increased Offline Capacities & Operation
- Advanced access control features
- Same physical footprint as:
  - 8003
  - 8501

Plastic Enclosure and POE Converter Currently Bing Considered.

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3G Wireless Expansion Card

"The Pacom 3G Wireless expansion module will allow customers to ensure communications using the latest 4G/3G mobile telecommunications platforms"

Expected Release Date: Available Now

Key Features:

- Support for 3G mobile networks
- Wireless IP transmission
- Contact ID and SIA
- Command and data
- Telecoms Approved

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Power Supply Unit – New in Q1 2018

"The new Pacom Power Supplies will provide customers with a superior power solution"

- Match MOST of the 8305 & 8303 Features
- Higher Power PSU (100W)
- Multi-voltages 12V and 24V variants
- Improved battery charger reducing battery charging time & increasing battery operation times
- Meet and exceed the standards (EN/UL etc.)
- IEC connector (for international install)
- More connections for aux power out
- Resettable fuses
- Allowances to be made in the firmware for diagnostics of the power supply from the keypad and software

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New OSDP Reader

"A new easy to read display Reader that provides RS485 Connectivity for additional security"

Expected Release Date: Q1 2018

- Superbright OLED Display
- Configurable Messages
- RS485 with Encryption
- Wiegand wiring available
- All popular card technologies supported
- Easy to Use

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Pacom 8105 Touchpad

"Pacom are releasing a small format touchscreen keypad that allows the screen to be customized (eg: Customer logo)"

Expected Release Date: Q1 2018

- Touchscreen Interface
- 8101 Emulation Mode
- Small Footprint
- Easy to Use
- Can be customized to display a customer logo

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Certifications and Standards

"Pacom continue to lead the market with products that are certified to the highest standard, ensuring that customers can take advantage of a tested high quality product"

The following approvals are planned or in progress:

- 8003 – British Approvals (Q3 2017)
- 8003 – EN Grade 4 (Currently Grade 3 – Q4 2017)
- 8002/8003 - Australian Standard Class 5 (In Progress)
- 8208 & 8209 PSU - UL and EN Grade 4 (Q1 2018)
- 8105 Touch Keypad - EN Grade 4 (Q1 2018)
- 8603 CRI - UL and EN Grade 4 (Q3/4 2017)

There are also Audits in Sydney for:

- ISO (July 2017)
- EN Grade 3 and 4 (June 2017)
- NF&A2P (July 2017)

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Integrated Platform – Pacom GMS

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Pacom GMS-EMCS Enterprise Architecture

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GMS V4.30 SP3

"GMS 4.30 SP1 provides enhanced security and IT compatibility for every GMS customer ensuring that their security system is secure in any IT environment"

Key Features:

- Improved database connectivity encryption
- Support for SQL Server 2016
- Improved dll Security (application loading)
- Ability to import operators from an external file
- Improved Operator logon and logoff security
- Sub-server connectivity indicator
- Security improvements (memory manipulation)
- Additional hardware configuration options
- Card enrollment
- Many other minor improvements and enhancements

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▶ GMS Web V4.0

"GMS Web V4.0 will provide a complete Card Administration and Onboarding solution for GMS Customers"

Expected Release Date: Q1 2018

Key Features:

- Support for *Multi-Access Level=2*
- Ability to edit GMS Access Groups
- Other minor enhanced features

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Releases – New/Updated Integrations 2016/17

Integration Type

- Schindler DDS Elevator
- AiPhone
- Otis V3

Number Plate Recognition

- Vaxtor - Axis
- Kiwi

Biometric Integrations

- Eyelock NXT
- Suprema -BioConnect

GMS PIAM* Integrations

- RightCrowd
- AlertEnterprise
- Quantum Secure

* Physical Identity Access Management

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▶ On-boarding, Workflow, Change Audit, Visitor

"GMS can now easily connect with a complete workforce and visitor management solution that offers customer web based onboarding and workflow approval process"

Key Features:

- Web Based Cardholder Management
- Ability to Customise Screen Layout
- Basic Workflow Management
- On boarding and Access Approval Process
- Advanced Cardholder Reporting
- Detailed Change Management Reporting:
  - Access Permissions
  - Cardholder Details
  - Complete Record

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BioMetric Integration

"GMS offers complete integration with the latest Biometric devices available on the market"

Key Features:

- Biometric Access using GMS access levels
- Single software integration
- Enrolment through the GMS Cardholder Screen
- Advanced tools for enrolment
  - Capture
  - Re-capture
  - Quality

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Iris Recognition

"GMS offers the highest level of cardholder recognition through complete integration of the Eyelock suite of products"

Key Features:

- Integration with Eyelock products
- Single software integration
- Enrolment through the GMS Cardholder Screen
- Advanced tools for enrolment
  - Capture
  - Re-capture
  - Quality

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GMS Image Verification Client

"GMS will provide an independent Image Verification Client that allows an Operator or Security Card to make a real-time comparison of a cardholder entering a facility to their stored photograph"

Key Features:

- High security entry
- Real-time Photograph display
- Cardholder details
- No need for GMS Full Client Install
- Can be installed at many locations
- Easy to use

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GMS License Plate Recognition

GMS now has License Plate Recognition with the following Systems:

- Vaxtor - Axis Communications
- KiwiVision

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Advanced PIN Management

"GMS now provides the mechanisms for seamless single PIN management"

Key Features:

- Single PIN for all users, for
  - Access Control
  - Alarm (Intrusion)
- Ability to remotely set or update the PIN

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Mobile Cardholder Verification

"A quick and easy mobile verification solution for any remote or unwired location"

Key Features:

- Badge at remote device
- Instantaneous display of
  - Cardholder photo
  - Name
  - Department
  - Access Permission
- Ability to display recent transaction history
- Can be customized
- Can be used for mustering and emergency, social events, restricted or remote locations

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Wireless and Offline Solutions

"Pacom now has a myriad of wireless and offline access control and intrusion solutions"

Key Features:

- Wireless access control
- Access control for
  - Doors
  - Cabinets
  - Cash drawers
  - Lockers
- Wireless and mobile intrusion
- Bluetooth compatibility
- Multiple solutions available

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▶ Continued Video Integration

GMS will support the following Video Solution by the end of 2017:

LILIN
IndigoVision Complete IP Video Security Solutions
VANGUARDVIDEO
HIKVISION
exacq Technologies
aimetis
AXIS COMMUNICATIONS
videofied
avigilon THE BEST EVIDENCE
PELCO by Schneider Electric
dahua TECHNOLOGY
GEUTEBRÜCK
LANACCESS
REALTIME Security Solutions
SAMSUNG
milestone The open platform company
DEDICATED MICROS
MIRASYS
ONVIF
MARCH networks
BOSCH
IDIS
Panasonic
dvtel
EverFocus

Please Note: Each individual video integration offers customers different features. Please refer to your Pacom representative or Pacom documentation for more information about the features supported for each video integration.

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Thank you

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