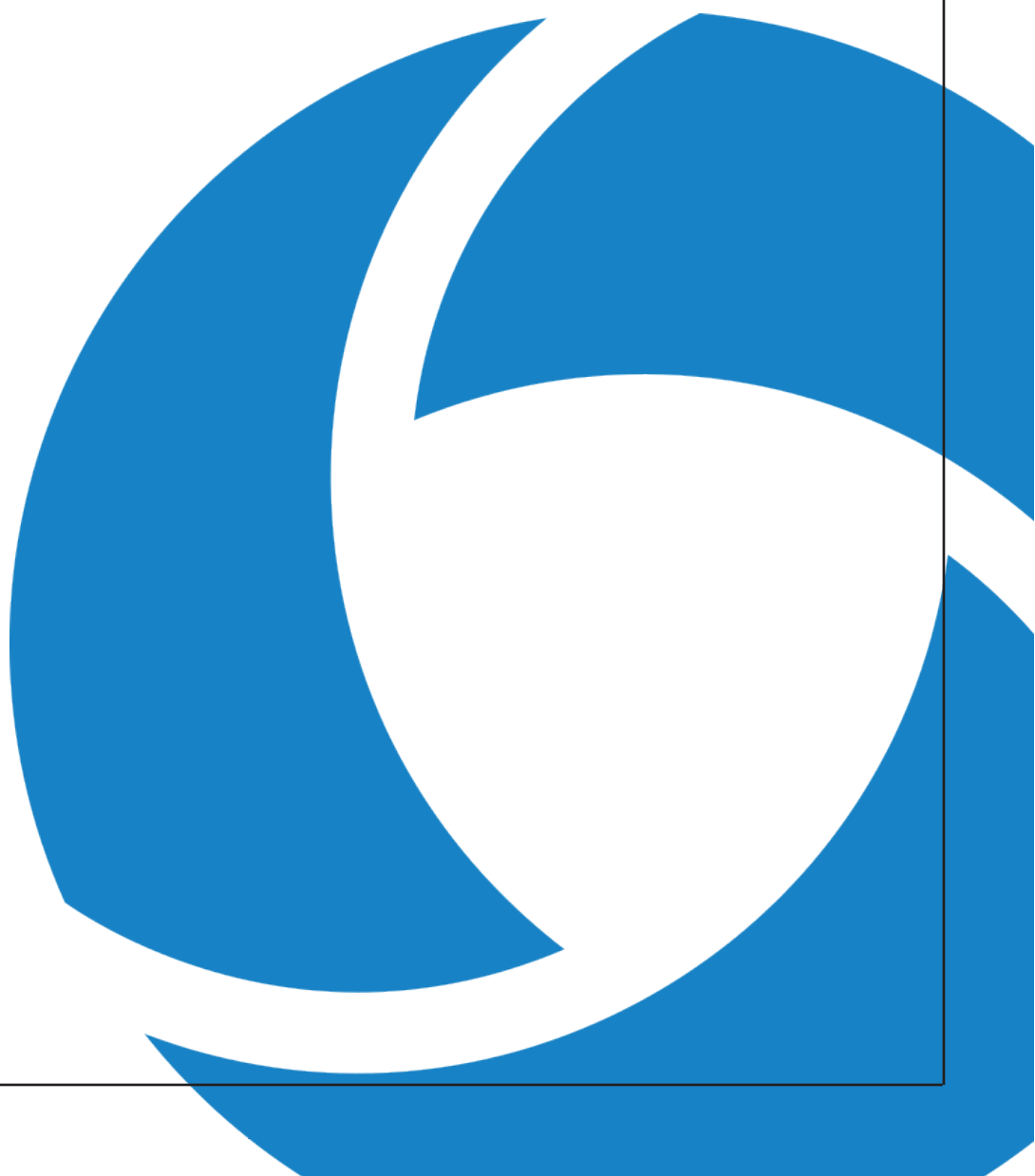




2015 PRODUCT CATALOGUE

GLOBAL

Updated September, 2015



Welcome to the PACOM product catalogue, your one-stop source for integrated security solutions. Since 1983, PACOM has established a worldwide customer base in excess of 70,000 sites and has become a world leader in the fields of open, integrated security management solutions. This Product Catalogue highlights our comprehensive line of powerful security solutions in a format that is both informative and easy to use. All products featured in this Catalogue are available through our extensive network of PACOM Value Added Reseller (VARs) who are committed to taking care of your needs.

With an in-house R&D facility, PACOM is at the forefront of technology and electronic security developments. Our entire range of leading-edge products have been built upon years of industry experience - culminating in bullet-proof reliability and performance. These values, combined with our technological vision and product development capabilities, guarantee that we can offer a solution that meets the needs of today and the security challenges of tomorrow.

We appreciate your business and look forward to helping you solve your next security challenge.

Kind Regards,
Andrew Minnikin, General Manager
PACOM Systems

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SOFTWARE

SOFTWARE PRODUCTS OVERVIEW

CAMPUS-STYLE ENVIRONMENTS



MULTI-SITE ORGANIZATIONS



GMS 4.0 SOFTWARE

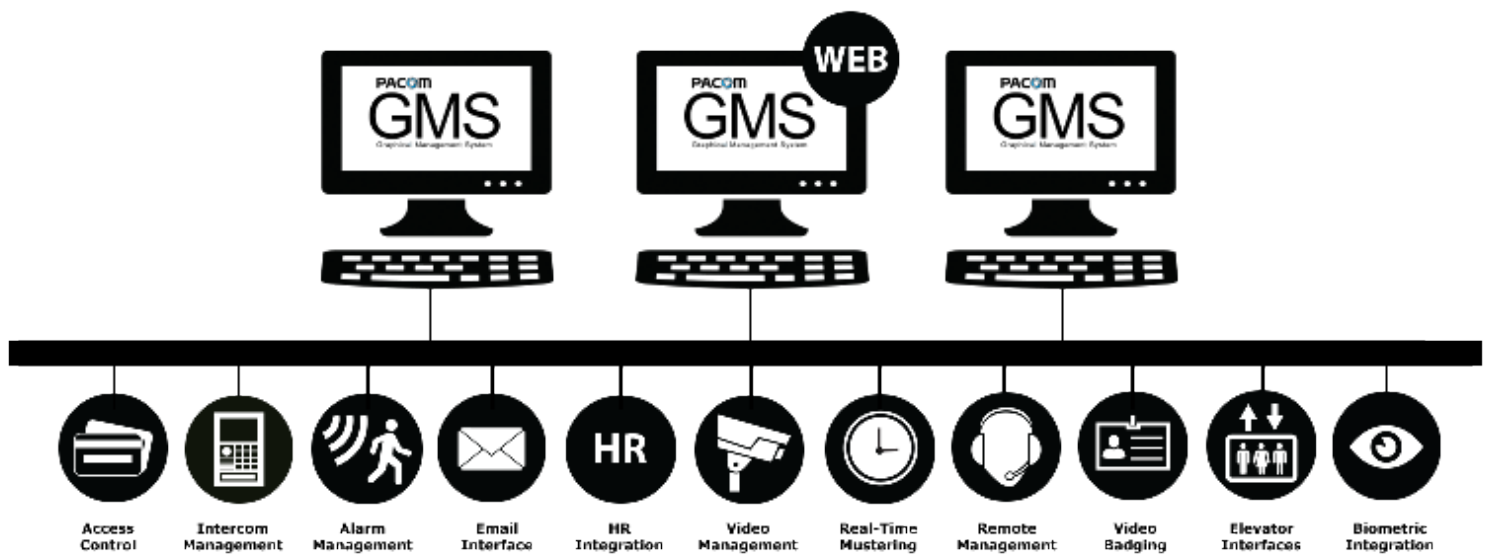
PACOM GMS 4 is a fully integrated security system, enabling you to effectively handle Access Control, Alarm and Video from one central location for multisite applications.

When using a PACOM solution, the seamless integration between access control, alarm and video makes it evident that the system was designed to handle all aspects of a security system right from the very start.

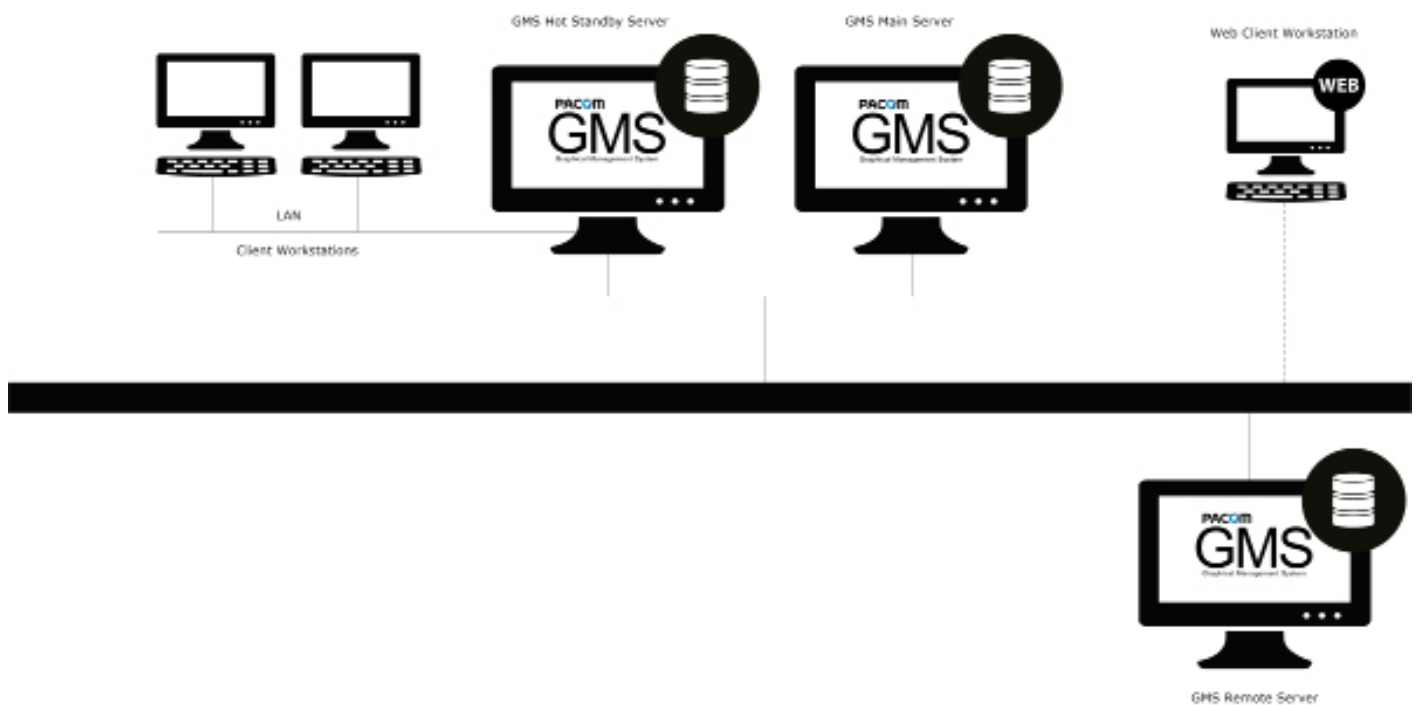
With PACOM GMS 4, you limit your costly service visits through extensive remote maintenance functionality.



GMS 4 LICENSES OVERVIEW



GMS 4 SYSTEM ARCHITECTURE



GMS CORE SOFTWARE

GMS 4.0 STARTER KIT

This GMS 4.0. Starter kit including media and license file for one server, 5 Pacom controllers and one workstation. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

PART NUMBER	TYPE CODE
100 041 001	GMS - BASE



GMS 4.0 SLAVE/HOT STANDBY SERVER

Includes media and license file. This license contains all the modules and client licenses that appear on the Main Server license and do not need to be purchased separately. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

PART NUMBER	TYPE CODE
100 043 001	GMS-SLAVE



GMS CORE SOFTWARE

GMS 4.0 REMOTE/DISASTER SERVER

Includes media and license file. This license contains all the modules and client licenses that appear on the Main Server license and do not need to be purchased separately. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

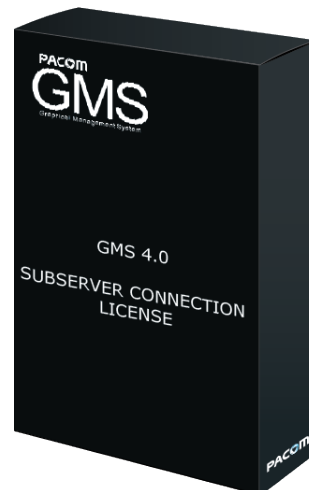
PART NUMBER	TYPE CODE
100 043 002	GMS-REMOTE



GMS 4.0 SUBSERVER CONNECTION LICENSE

GMS Version 4 Subserver connection license for GMS Main Server. This license allows for a single GMS Subserver to connect to the GMS Main Server. GMS Subserver software, clients and options must be purchased separately. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

PART NUMBER	TYPE CODE
100 043 003	GMS-SUBSERVER



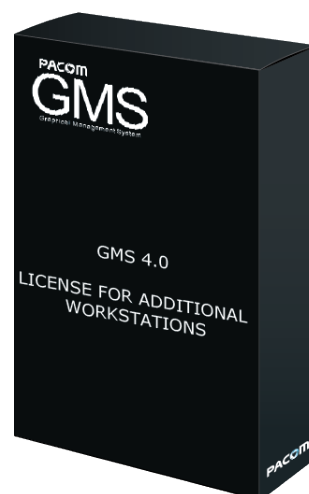
GMS 4.0 LICENSE FOR ADDITIONAL WORKSTATIONS

GMS Version 4 license for 1 additional workstation. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

PART NUMBER	TYPE CODE
100 045 001	GMS-WRKSTN1

GMS Version 4 license for 5 additional workstations. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

PART NUMBER	TYPE CODE
100 045 002	GMS-WRKSTN5



GMS CORE SOFTWARE

GMS 4.0 LICENSE FOR ADDITIONAL CONTROLLERS

GMS 4.0 license including support for 5 additional controllers.

PART NUMBER	TYPE CODE
100 041 011	GMS-CTRL5

GMS 4.0 license including support for 10 additional controllers.

PART NUMBER	TYPE CODE
100 041 012	GMS-CTRL10

GMS 4.0 license including support for 25 additional controllers.

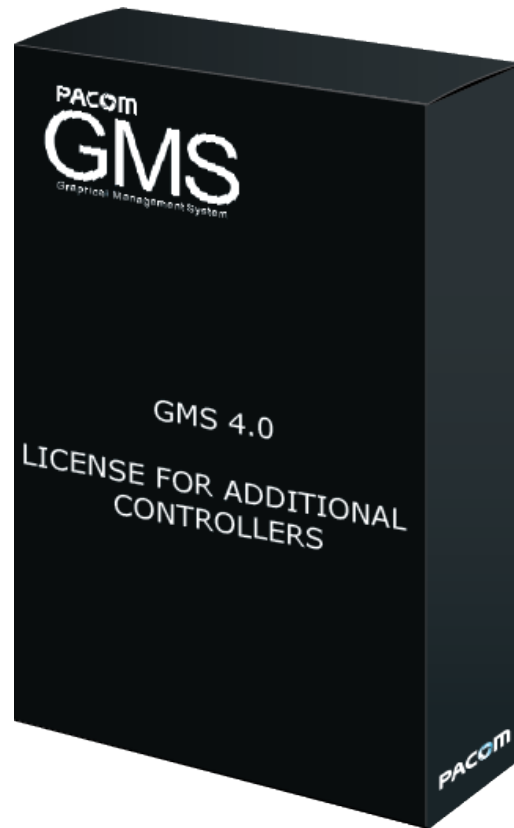
PART NUMBER	TYPE CODE
100 041 013	GMS-CTRL25

GMS 4.0 license including support for 50 additional controllers.

PART NUMBER	TYPE CODE
100 041 014	GMS-CTRL50

GMS 4.0 license including support for 100 additional controllers. For larger quantities, please contact your local Pacom sales representative.

PART NUMBER	TYPE CODE
100 041 015	GMS-CTRL100

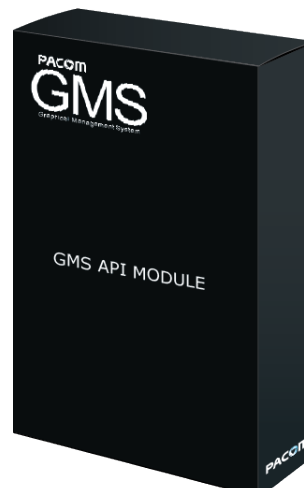


GMS ADDITIONAL SOFTWARE

GMS API MODULE

GMS API Module for integration with a custom third party application. Contact your local Pacom sales representative for more information and pricing.

PART NUMBER	TYPE CODE
100 042 009	GMS-API

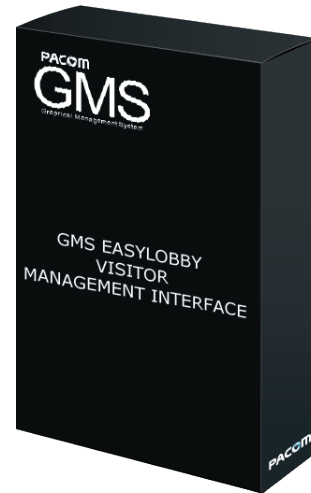


GMS ADDITIONAL SOFTWARE

GMS EASYLOBBY VISITOR MANAGEMENT INTERFACE

GMS EasyLobby Visitor Management Interface.
Note: The Access Control Integration licence and SVM software are also required from EasyLobby.

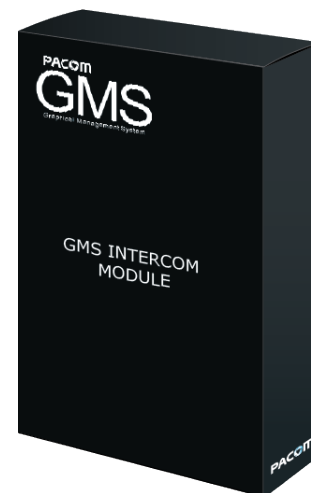
PART NUMBER	TYPE CODE
100 043 006	GMS-EASYLOBBY



GMS INTERCOM MODULE

GMS Intercom Module. Enables a high level interface between GMS and a range of third party intercom systems.

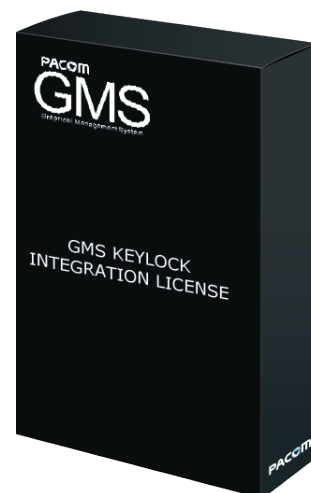
PART NUMBER	TYPE CODE
100 043 007	GMS-INTERCOM



GMS KEYLOCK INTEGRATION LICENSE

GMS Keylock Integration License. Enables integration with selected Key Management systems such as the Key Systems GFMS.

PART NUMBER	TYPE CODE
100 043 008	GMS-KEYLOCK

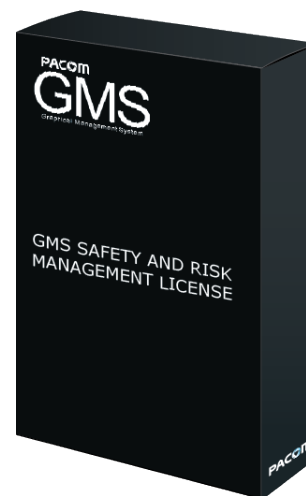


GMS ADDITIONAL SOFTWARE

GMS SAFETY AND RISK MANAGEMENT LICENSE

GMS Safety & Risk Management License. Fatigue and Competency based integration.

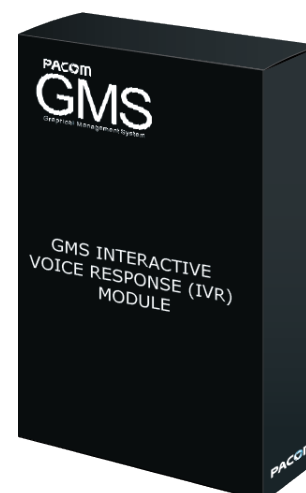
PART NUMBER	TYPE CODE
100 043 009	GMS-SAFETY



GMS INTERACTIVE VOICE RESPONSE (IVR) MODULE

GMS Interactive Voice Response (IVR) Module. Enables an authorized user to dial into the GMS, receive the system/site status and perform different actions.

PART NUMBER	TYPE CODE
100 043 010	GMS-IVRADV

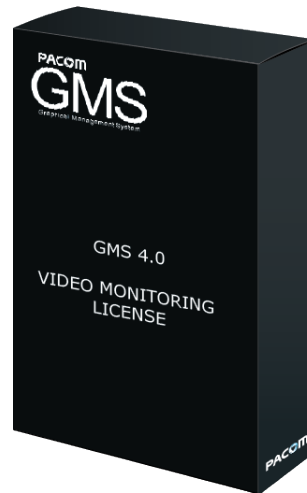


GMS VIDEO MODULES

GMS 4.0 VIDEO MONITORING LICENSE

GMS Version 4 Video Monitoring license that enables GMS for video monitoring from supported DVR's. Includes support for 25 cameras. Note: The "GMS Software Update Form" must be sent to Pacom at the time of purchase.

PART NUMBER	TYPE CODE
100 044 001	GMS-VIDEOMON



GMS 4.0 LICENSES FOR ADDITIONAL CAMERAS

GMS Version 4.0 license including support for 5 additional cameras.

PART NUMBER	TYPE CODE
100 044 011	GMS-CAM5

GMS Version 4.0 license including support for 10 additional cameras.

PART NUMBER	TYPE CODE
100 044 012	GMS-CAM10

GMS Version 4.0 license including support for 25 additional cameras.

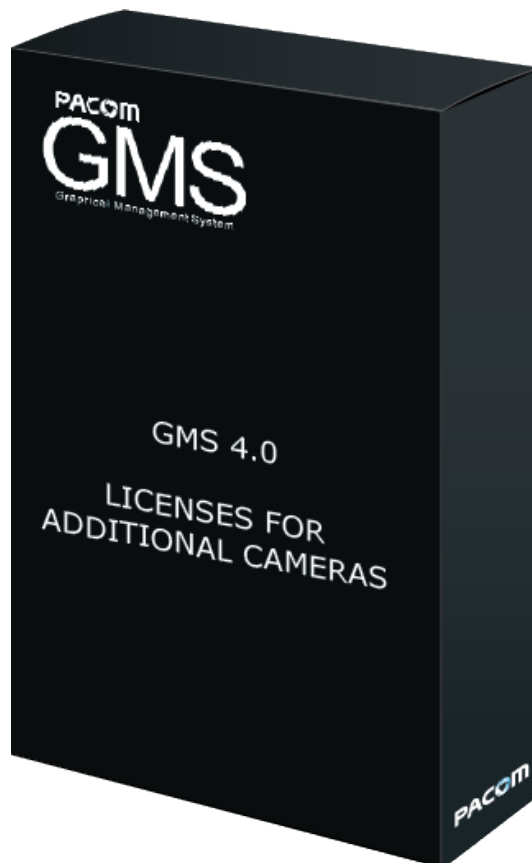
PART NUMBER	TYPE CODE
100 044 013	GMS-CAM25

GMS Version 4.0 license including support for 50 additional cameras.

PART NUMBER	TYPE CODE
100 044 014	GMS-CAM50 GMS

GMS Version 4.0 license including support for 100 additional cameras. For larger quantities, please contact your local Pacom sales representative.

PART NUMBER	TYPE CODE
100 044 015	GMS-CAM100



GMS WEB MODULES

GMS 4.0 LICENSES FOR ADDITIONAL CARD ACCESS WEB CLIENTS

GMS Version 4 license for 5 additional card access web clients.

PART NUMBER	TYPE CODE
100 045 011	GMS-WEB5

GMS Version 4 license for 10 additional card access web clients.

PART NUMBER	TYPE CODE
100 045 012	GMS-WEB10

GMS Version 4 license for 25 additional card access web clients.

PART NUMBER	TYPE CODE
100 045 013	GMS-WEB25

GMS Version 4 license for 50 additional card access web clients. For larger quantities, please contact your local Pacom sales representative.

PART NUMBER	TYPE CODE
100 045 014	GMS-WEB50



SECURITY PORTAL SERVICE PACKAGE

Includes 5 security portal web clients and 5 days of Pacom Professional Services to assist with the setup and configuration of the Security Portal. Excludes travel, accommodation and expenses.

PART NUMBER	TYPE CODE
100 045 020	SP-BASE



GMS WEB MODULES

GMS 4.0 LICENSES FOR ADDITIONAL PORTALS

Security Portal license including support for 5 additional portal web clients.

PART NUMBER	TYPE CODE
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100 045 021	SP-WEB5
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Security Portal license including support for 10 additional portal web clients.

PART NUMBER	TYPE CODE
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100 045 022	SP-WEB10
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Security Portal license including support for 25 additional portal web clients.

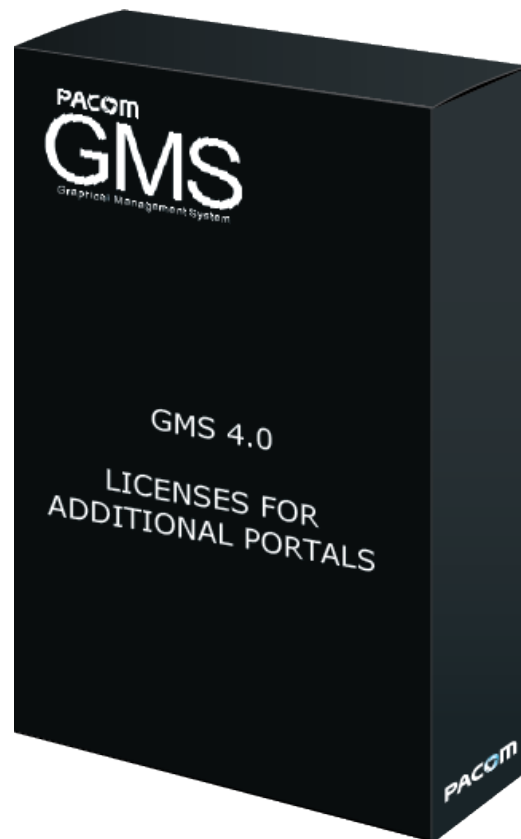
PART NUMBER	TYPE CODE
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100 045 023	SP-WEB25
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Security Portal license including support for 50 additional portal web clients. For larger quantities, please contact your local Pacom sales representative.

PART NUMBER	TYPE CODE
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100 045 024	SP-WEB50
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GMS SOFTWARE UPGRADES

PACOM Software Annual Upgrade. This allows for the customer to receive all the upgrades as they are released. This is purchased annually.

PART NUMBER	TYPE CODE
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100 046 014	PACOM-UPG144
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PACOM UNISON SOFTWARE

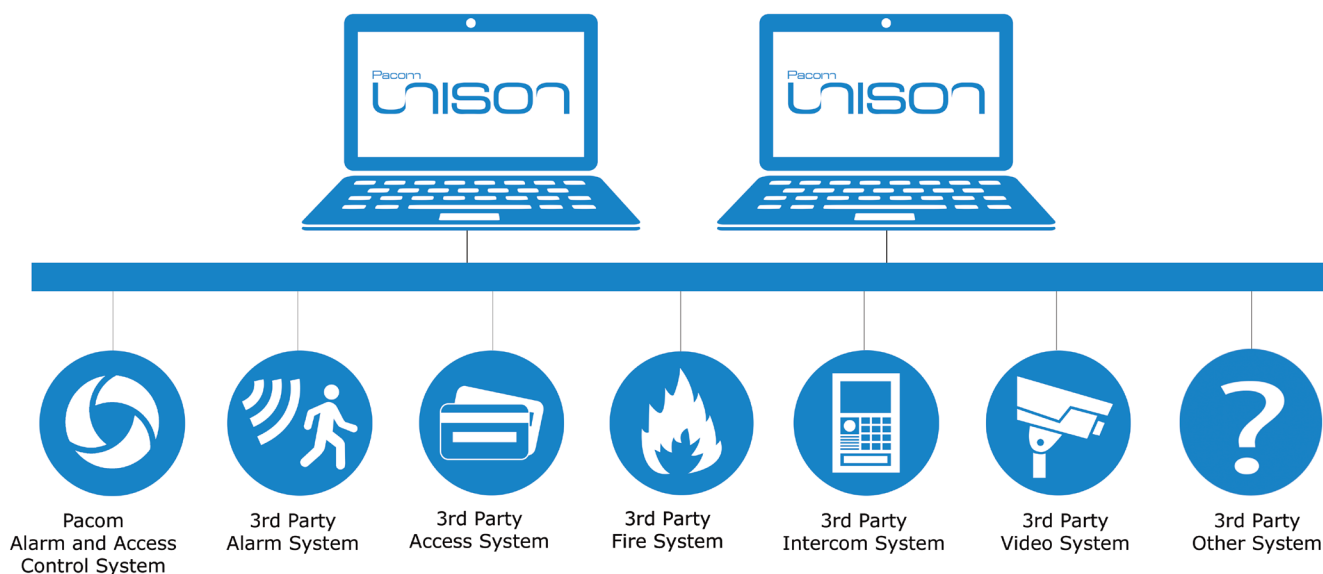
PACOM Unison is the solution of choice for some of the world's most recognizable and prestigious organizations. With an emphasis on usability and flexibility, Unison enables organizations to integrate different systems and streamline operations into a single intuitive user interface.

Unison integrates a wide range of subsystems from different manufacturers – allowing operators to manage intrusion detection, access control, fire, intercom management and video surveillance from a single platform.

The simple, powerful and intelligent PACOM Unison integrated security management platform is ideal for wide range of campus environments, including hospitals and healthcare applications, commercial environments, large retail spaces, public facilities, airports, correctional facilities, universities and schools.



PACOM UNISON SYSTEM OVERVIEW



UNISON CORE SOFTWARE

ENTERPRISE EDITION

Unison Enterprise supports Windows Failover Cluster, virtual environments, API integration, replication and an unlimited amount of connected devices. Unison Enterprise also includes support for one Unison client workstation.

PART NUMBER	TYPE CODE	DESCRIPTION
110 001 002	USN-ENT	Unison Enterprise Server License. Includes support for one Unison client workstation.



STANDARD EDITION

Unison Standard is a simple and reliable system which includes support for one Unison client workstation. Unison Standard supports the following number of units in each module:

Unit:	Detectors	Doors	Addresses	Intercom units	Cameras
Maximum No:	1500	100	2500	50	100

PART NUMBER	TYPE CODE	DESCRIPTION
110 001 001	USN-STD	Unison Standard Server License. Includes support for one Unison client workstation.



UNISON MODULES

Each module includes a pack with related units, for example when purchasing an alarm module, a pack of 50 detector units is included. When you need more units than the standard number that is included in the module, you purchase additional packs and not several modules of the same kind. For example if you need 150 detectors, you purchase one alarm module and two packs containing 50 detectors each, not three alarm modules.

ALARM MODULE

Unison cleverly acts as a “bridge” between intrusion alarm centers and other sub-systems. When an alarm is triggered, the Unison software will indicate where the alarm originated. Alarms can be displayed on interactive floor plans and audible signals can be generated at the workstation to uniquely identify the type of alarm via multi-media. It is possible for the operator to reset the device which initiated the alarm as well as perform a wide variety of other remote functions. The graphical user interface, including dynamic display of alarm points, considerably simplifies management.

PART NUMBER	TYPE CODE	DESCRIPTION
110 002 002	USN-ALM	Unison Alarm Module. Includes support for 50 alarm detectors.



ACCESS CONTROL MODULE

Support for an unlimited number of users makes the access control system a good choice for growing organizations. The graphical user interface, including dynamic display of door environments, considerably simplifies management. By taking advantage of the intelligent linking function in Unison users can easily link an object in the system with a point on the map.

PART NUMBER	TYPE CODE	DESCRIPTION
110 002 003	USN -ACM	Unison Access Control Module. Includes support for 10 doors.



FIRE MODULE

Unison cleverly acts as a “bridge” between the fire emergency panels and other sub-systems. When an alarm is triggered, the Unison software will indicate where the fire alarm originated. Alarms can be displayed on graphical floor plans and audible signals can be generated at the workstation to uniquely identify the type of alarm via multi-media. It is possible for the operator to reset the device which initiated the alarm as well as perform a wide variety of other remote functions. The user friendly functions of the system, efficient bulk programming and the powerful overview makes administration easy and saves time.

PART NUMBER	TYPE CODE	DESCRIPTION
110 002 004	USN-FCM	Unison Fire Module. Include support for 250 fire addresses.



INTERCOM MODULE

Unison supports a number of intercom systems and presents them in a common user interface. Calls can be queued so that they can be answered in a logical and efficient manner. The status of each intercom unit can be displayed on graphical floor plans to easily identify the location of the call. If a door is connected to an intercom, it is possible for the operator to manage the door, such as for example unlocking the door at the request of a visitor.

PART NUMBER	TYPE CODE	DESCRIPTION
110 002 006	USN-ICM	Unison Intercom Module. Includes support for 25 intercom units.



VIDEO MODULE

Unison cleverly acts as a “bridge” between video and other sub-systems. Video from a camera located at the alarm point is automatically controlled by Unison, making an alarm easy to verify. This allows the operator to take immediate action and to focus on relevant surveillance images. The graphical user interface, including dynamic display of alarms and camera status, considerably simplifies management.

PART NUMBER	TYPE CODE	DESCRIPTION
110 002 005	USN-VCM	Unison Video Module. Includes support for 25 cameras.



ELEVATOR MANAGEMENT MODULE

This module enables high level integration with a range of third party elevator management systems, including destination dispatch systems.

PART NUMBER	TYPE CODE	DESCRIPTION
110 002 007	USN-EMS	Unison Elevator Management Module.



UNISON EXPANSION OPTIONS

There are various expansion options for Unison allowing you to start small and grow and expand with the customer. When you need more units than the amount which comes together with each module, you should choose the number of packets that suits your needs amongst the expansion options.

You can also choose to upgrade your Standard license, purchase additional server licenses to implement replication and some other expansion options which you may find in the order information below.

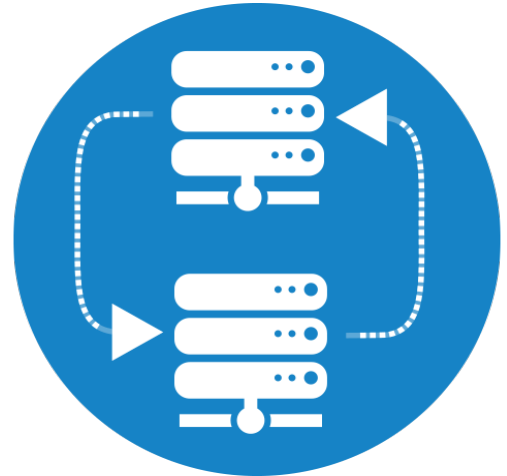
PART NUMBER	TYPE CODE	DESCRIPTION
110 003 002	USN-ALM-50	Unison license for 50 additional alarm detectors.
110 003 003	USN-ACM-10	Unison license for 10 additional doors.
110 003 004	USN-FCM-250	Unison license for 250 additional fire addresses.
110 003 006	USN-ICM-25	Unison license for 25 additional intercom units.
110 003 005	USN-VCM-25	Unison license for 25 additional cameras.
110 003 001	USN-CLNT1	Unison Single Client Workstation License.
110 001 013	USN-USE	Unison Upgrade from Standard-> Enterprise.
110 001 012	USN-SGC	Unison Server Signature Change. This is to request a new signature when Unison is installed onto a different server.
110 001 011	USN-SRV1	Unison Expansion Server License.

UNISON DISTRIBUTED SERVER SOLUTION

The distributed server solution is the process of sharing information coherently between hardware and software designed to improve reliability, fault tolerance and availability of the security system. The database, information or changes in information are copied to another server whereafter the two copies are kept in sync with each other. There is an ability to create multiple Unison Distributed Servers to provide failover support for Unison clients and hardware.

Distributed server solution makes it possible to run Unison as an Enterprise solution and improves redundant solutions without having to put up a Microsoft Cluster configuration. In this scenario, several Unison servers are set to automatically copy data from one server to other servers that provide failover support for both Unison clients and connected hardware.

With the distributed server solution you don't have to compromise existing performance, security or ease of use. No active maintenance is required by the operator and the solution prevents a loss of alarm and access control data that otherwise would not be read during the time the system is down, leading to jeopardized safety.



PART NUMBER	TYPE CODE	DESCRIPTION
110 001 002	USN-ENT	Unison Enterprise Server License. Includes one Unison client workstation.
110 001 014	USN-DSS	Unison additional server license. Includes support for one additional Unison server that can be used for load sharing purposes or clustering for improved system redundancy.

UNISON SOFTWARE UPGRADE AGREEMENT

Pacom Software Agreement (SUA) is our way to secure the future of our customers' systems integration. We quality assure driver updates, integration with sub system, the development of new functionality and support of existing software.

SUA is designed in a way that will bring maximum value to the customer. We know that our customers have a long-term focus when choosing system supplier and therefore we want to ensure that our customers feel safe when choosing our solution. Upon registration (or order received), Pacom updates customer and VAR details and information relating to system components purchased etc. This is to assist in any future support requirements.

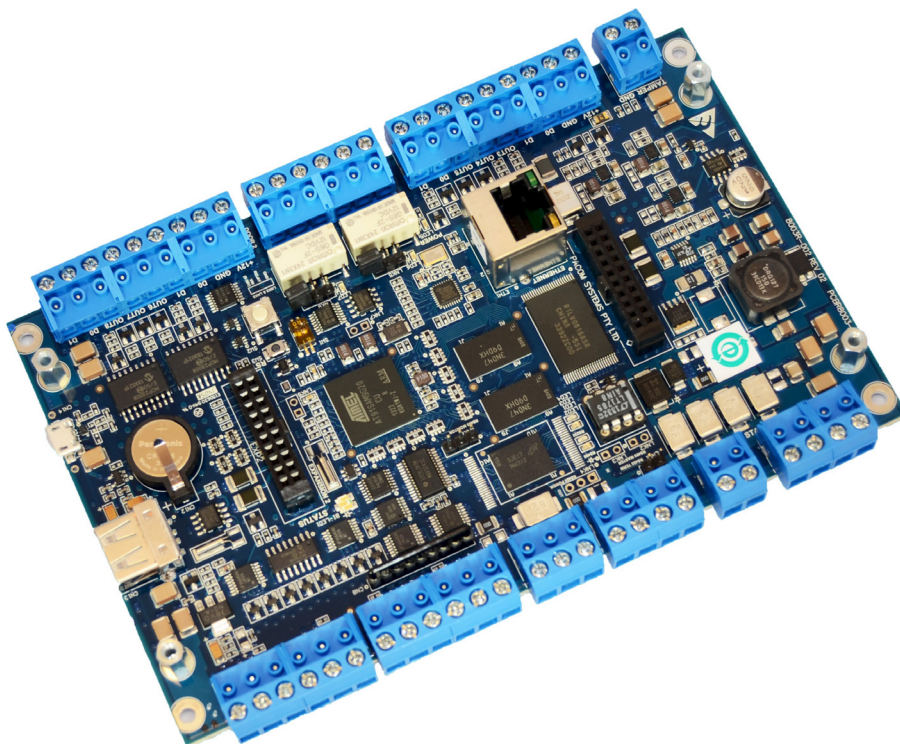
The three year SUA is invoiced annually, with the first year included in the initial proposal provided by the VAR. On the anniversary of the SUA for the following two years, invoices for the cost of the following 12 months SUA are sent to customers directly from Pacom.



PART NUMBER	TYPE CODE	DESCRIPTION
110 004 002	USN-SUP-RF	Unison 3-Year Software Upgrade Agreement (SUA) Renewal. This allows for the customer to receive all the upgrades as they are released. When purchased at the same time as of the initial Unison software, the first year of upgrades are included.

FIELD EQUIPMENT

PACOM CONTROLLERS



PACOM 8003 INTELLIGENT SECURITY CONTROLLER

The 8003 is an intelligent controller designed for advanced alarm and access control applications. As an access control device, it can support up to 2 doors, each with an IN reader and OUT reader - satisfying the needs of environments where users may want anti-passback.

As an alarm device, the 8003 offers up to 8 configurable 5-state inputs and 8 outputs comprising 2 relays and 6 open collectors. Inputs can be expanded up to 64 and outputs can be expanded to up to 32 via the addition of on-board expansion modules and/or remote I/O devices.

The 8003 can operate stand-alone for smaller or remote environments or can be easily incorporated as part of a fully integrated alarm and access control system for larger buildings or multi-site applications. The 8003 has also been specifically engineered so that it can be conveniently installed in any location rated for a 3U rack mount device.

PART NUMBER	TYPE CODE	DESCRIPTION
400 051 059	8003R-ENC07	8003 Pacom-Edge Intelligent Security Controller with 12VDC Plug Pack in a Compact Enclosure.
400 051 060	8003R-ENC05	8003 Pacom-Edge Intelligent Security Controller with 8305 Power Supply in the Standard Enclosure.
400 051 061	8003R-ENC	8003 Pacom-Edge Intelligent Security Controller with 8303 Power Supply in the Standard Enclosure.

PACOM CONTROLLERS



PACOM 8002 FIELD CONTROLLER

The PACOM 8002 Controller is your best choice for a fully scalable alarm and access control system. 8002 Controller delivers an optimal, all-in-one building platform that integrates all functionality required for a remote security system.

The modular architecture makes PACOM 8002 Controller simple to install, configure, expand and integrate along with your increasing future needs. The 8002 is available in "small", "medium" or "large" models, based on cardholder limits, so you can reduce costs simply by purchasing the capacity you really need and functionality you require.

With dual built-in network connections with the option of redundancy and intelligent features for intrusion alarm, this device is a fully integrated security center.

All part numbers for PACOM 8002 Controller can be found in the PACOM pricelist.

PART NUMBER	TYPE CODE	DESCRIPTION
400 051 031	8002R-S-ENC	8002-S Small Capacity Controller. Next generation Pacom-Edge integrated security system controller platform with 6 expansion slots for any 8000 series expansion modules. Supports 8 card readers, 500 users/cards, 32 alarm inputs, 8 outputs and 32 alarm areas. Includes 8303 Intelligent Power Supply and Pacom 8000 series enclosure with keylock and lid & base tamper switches.
400 051 032	8002R-M-ENC	8002-M Medium Capacity Controller. Next generation Pacom-Edge integrated security system controller platform with 6 expansion slots for any 8000 series expansion modules. Supports 32 card readers, 2000 users/cards, 128 alarm inputs, 32 outputs and 32 areas. Includes 8303 Intelligent Power Supply and Pacom 8000-series enclosure with keylock and lid & base tamper switches.
400 051 033	8002R-L-ENC	8002-L Large Capacity Controller. Next generation Pacom-Edge integrated security system controller platform with SODIMM socket for memory expansion, 6 expansion slots for any 8000 series expansion modules. Supports 64 card readers, 5000 users/cards, 256 alarm inputs, 64 outputs and 32 areas. Includes 8303 Intelligent Power Supply and Pacom 8000-series enclosure with keylock and lid & base tamper switches.
400 051 055	8002R-USN-ENC	8002 Controller for Unison-only Applications. This includes all 8002 options including peer-to-peer, wireless alarm, high level reader interface (e.g. Aperio) and more. Next generation Pacom-integrated security system controller platform with SODIMM socket for memory expansion, 6 expansion slots various 8000 series expansion modules. Supports 64 card readers, 5000 users/cards, 256 alarm inputs, 64 outputs and 32 areas. Includes 8303 intelligent power supply 12VDC@4A and PDENCL-01 Pacom Standard Enclosure with wall tear-off and lid open tamper contacts.

PACOM 8000 SERIES ON-BOARD EXPANSION MODULES COMPATIBILITY

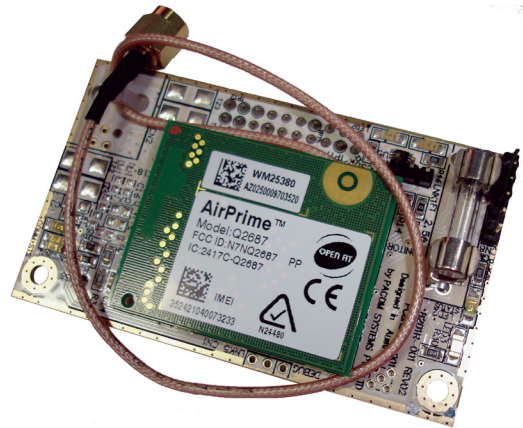
COMPATIBILITY	8002 CONTROLLER	8003 CONTROLLER	8501 I/O CARD	8602 MULTI INTERFACE
8201 GPRS EXPANSION MODULE	X	N/A	N/A	N/A
8203 4 OUTPUT EXPANSION MODULE	X	X	X	X
8204 8 INPUTS MODULE	X	X	X	X
8205 COMMS MODULE	X	X	N/A	N/A
8207 STAR COUPLER MODULE	X	x	N/A	N/A
8208 S-ART EXPANSION MODULE	X	N/A	N/A	N/A
8209 DIAL-UP EXPANSION MODULE	N/A	X	N/A	N/A
8304 SODIMM MEMORY	X	N/A	N/A	N/A

PACOM 8000 SERIES ON-BOARD EXPANSION MODULES

8201 GPRS EXPANSION MODULE

Allows 8000 series Field Controllers to communicate via GPRS.
Includes antenna.

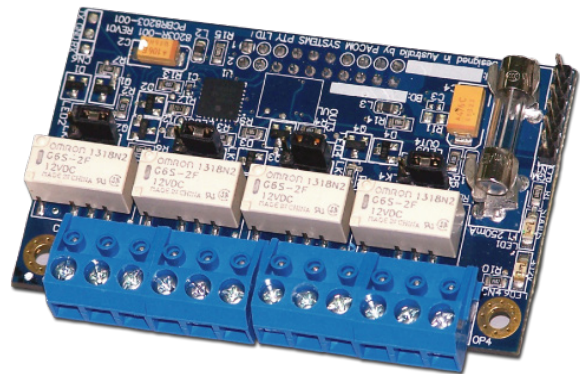
PART NUMBER	TYPE CODE
300 041 101	8201R-001-UL



8203 4-OUTPUT EXPANSION MODULE

This module consists of four general-purpose relay outputs (240VDC@4A) each with a Common (COM), Normally Open (NO) and Normally Closed (NC) option.

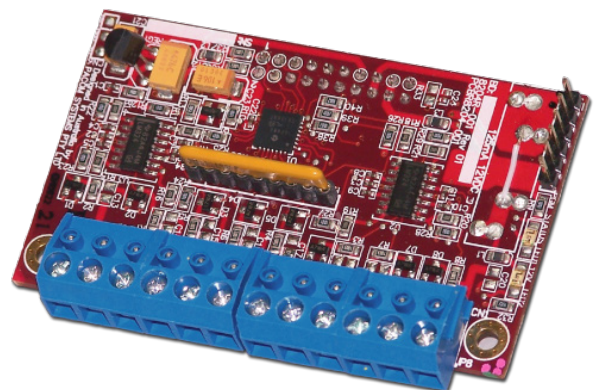
PART NUMBER	TYPE CODE
300 041 103	8203R-001-UL



8204 8-INPUTS MODULE

This module consists of 8 individual analog or digital inputs to be used for alarm input, analog inputs or pulse counting.
This module also features random voltage-switching for additional tamper protection.

PART NUMBER	TYPE CODE
300 041 104	8204R-001-UL

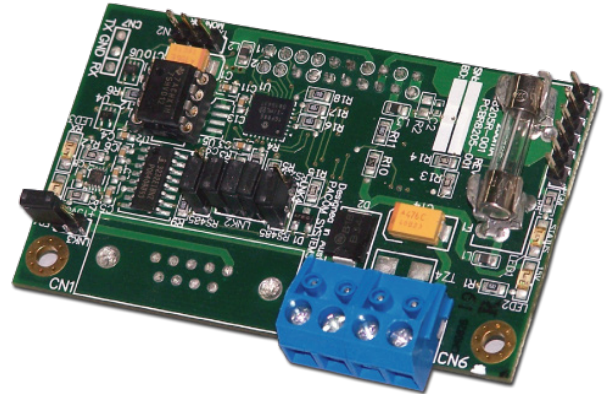


PACOM 8000 SERIES ON-BOARD EXPANSION MODULES

8205 COMMS MODULE

This module consists of an RS485 device loop or RS232 serial port used to connect additional devices to the Controller.

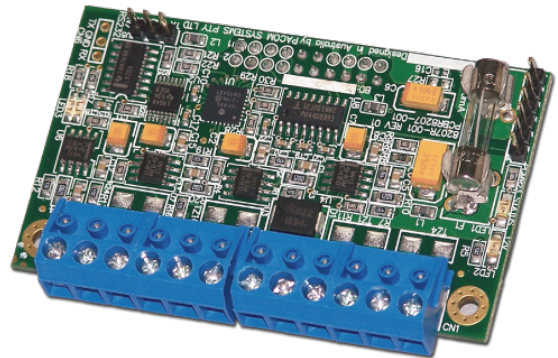
PART NUMBER	TYPE CODE
300 041 105	8205R-001-UL



8207 STAR COUPLER MODULE

This module will split an on-board Controller device loop into 4 device loops to enable star connection of Pacom I/O devices.

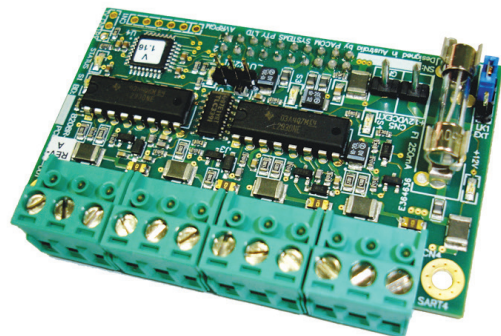
PART NUMBER	TYPE CODE
300 041 107	8207R-001-UL



8208 S-ART EXPANSION MODULE

Allows 8000 Controllers to communicate with SART devices.

PART NUMBER	TYPE CODE
300 041 109	8208R-001-UL

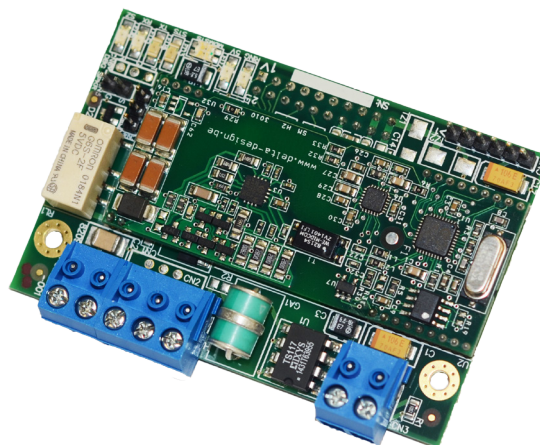


PACOM 8000 SERIES ON-BOARD EXPANSION MODULES

8209 DIAL-UP EXPANSION MODULE

Allows 8003 Field Controllers to communicate via dial-up/PSTN. This module supports dial-up to either a Pacom receiver or 3rd party central station receiver supporting Contact ID or SIA alarm reporting protocols.

PART NUMBER	TYPE CODE
300 041 110	8209R-001-UL



8403 SODIMM MEMORY

64 MB SODIMM memory expansion for 8002 controllers. Expands the number of cards and transactions the Controller to handle up to 128 000 users. Requires 8002-L type Controller.

PART NUMBER	TYPE CODE
300 044 103	8403R-001-UL



PACOM 8000 SERIES LICENSES AND UPGRADES

Below you will find information about the various licenses and upgrades for the PACOM 8000 Series.

CONTROLLER HIGH LEVEL INTERFACE LICENSE

Enables 8000 series Field Controllers for Pacom RTUSignal Application or 3rd Party Applications/ Devices such as Geutebruck DVRs.

PART NUMBER	TYPE CODE
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300 045 002	LC8-HLI
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REMOTE MAINTENANCE LICENSE

Enables 8000 series Field Controller to perform Remote Maintenance self-checks.

PART NUMBER	TYPE CODE
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300 045 003	LC8-RMAINT
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GENERIC DVR INTERFACE LICENSE

Generic DVR Interface license for Pacom-developed video integrations. Provides a high-level interface between 8000 series Field Controllers and supported DVRs including March Networks and LanAccess OnSafe. Refer to the Pacom web site (www.pacom.com) for latest list of supported DVRs.

PART NUMBER	TYPE CODE
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300 045 004	LC8-GDVR
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PEER - TO - PEER LICENSE

Peer-to-peer license. Provides intercommunication between multiple 8000 series Field Controllers (up to 24) without the need for a TransIT or Base Station. License is only required for the Master Controller.

PART NUMBER	TYPE CODE
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300 045 005	LC8-P2P
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BUILDING AUTOMATION AND ELEVATOR HIGH LEVEL INTERFACE LICENSE

Building Automation and Elevator High Level Interface (HLI) license. Enables BACnet or Modbus building automation protocol communication for an 8000 type Field Controller. Also enables a HLI with a range of supported Elevator Management Systems.

PART NUMBER	TYPE CODE
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300 045 006	LC8-BAUT
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PACOM 8000-SERIES LICENSES AND UPGRADES

DUAL COMMUNICATION REPORTING LICENSE

Dual communication reporting license. Provides dual alarm communication reporting for an 8000 series Field Controller.

PART NUMBER	TYPE CODE
300 045 007	LC8-DUALREP

WIRELESS ALARM TRANSCIVER LICENSE

Wireless alarm transceiver license. Enables 8000 series Field Controllers to communicate with Inovonics EN/ES series transceivers and EMS IRIS transceivers.

PART NUMBER	TYPE CODE
300 045 011	LC8-WIRELESS

HIGH LEVEL READER INTERFACE LICENSE

High level reader interface license. Enables 8000 series Field Controllers to communicate with serial/wireless/IP access control devices such as Aperio. Includes support for 2 access readers/devices.

PART NUMBER	TYPE CODE
300 045 012	LC8-HLRIMODULE

HIGH LEVEL READER INTERFACE LICENSE FOR 8 ADDITIONAL ACCESS DEVICES

High level reader interface license for 8 additional access devices. Note: Ensure that the reader capacity of the appropriate 8000 Series Field Controller (i.e. S/M/L) is sufficient to support the number of third party access readers/devices.

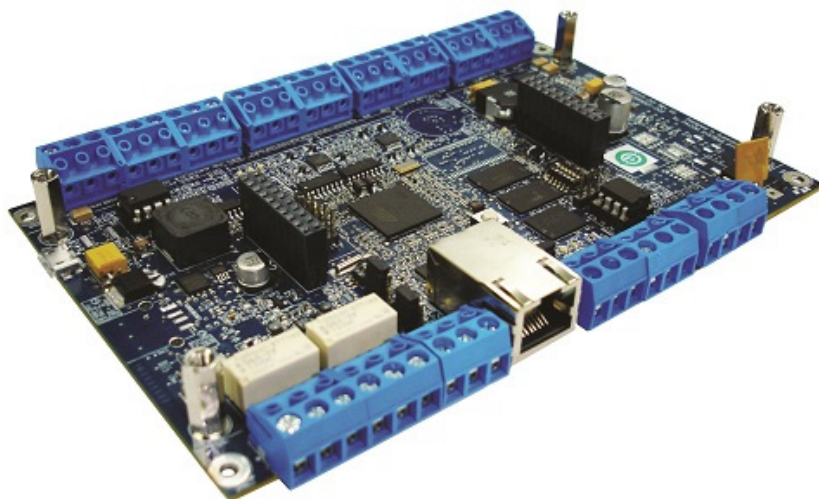
PART NUMBER	TYPE CODE
300 045 013	LC8-HLRI8

UPGRADE OF 8002 FIELD CONTROLLER

You can upgrade your 8000 Series Field Controller along with your increasing future needs.

PART NUMBER	TYPE CODE	DESCRIPTION
300 045 021	UG-8000SM	Upgrade of 8002-S Field Controller to an 8002-M Type.
300 045 022	UG-8000SL	Upgrade of 8002-S Field Controller to an 8002-L Type.
300 045 023	UG-8000ML	Upgrade of 8002-M Field Controller to an 8002-L Type.

DISTRIBUTED FIELD EQUIPMENT



8501 I/O CARD

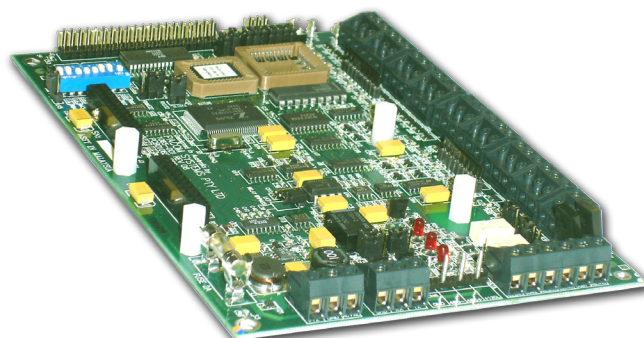
Pacom 8501 I/O card is based on PACOM-Edge technology which allows the device to communicate via either the built-in Ethernet connection or via RS485. This makes PACOM 8501 easy to install on existing RS485 loop in order to expand an existing system, or to connect via Ethernet which allows usage of the existing network. PACOM 8501 I/O card has 16 supervised inputs and five outputs on the card. These can be expanded with expansion cards to be tailored in order to meet customer needs.

PART NUMBER	TYPE CODE	DESCRIPTION
300 046 001	8501R-001	8501 16In/5Out Remote Ethernet-enabled I/O Expansion Module (PCB only). Supports two (2) of the Pacom 8000 Series On-board Expansion Modules.
300 046 110	8501R-ENC00	8501 16In/5Out Remote Ethernet-enabled Expansion Module with Pacom Standard Large Enclosure.
300 046 111	8501R-ENC05	8501 16In/5Out Remote Ethernet-enabled Expansion Module with Pacom Standard Large Enclosure and 8305 standard power supply.
300 046 113	8501R-ENC	8501 16In/5Out Remote Ethernet-enabled Expansion Module with Pacom Standard Enclosure and 8303 intelligent standard power supply.

DISTRIBUTED FIELD EQUIPMENT

1065 I/O EXPANSION CONTROLLER

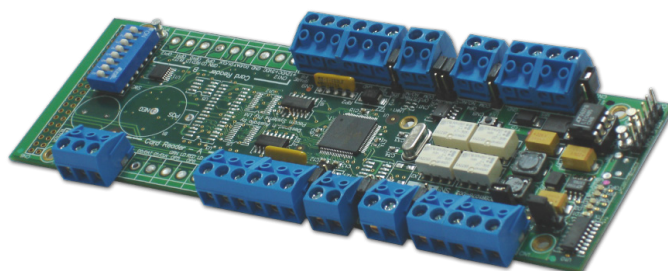
The Pacom 1065-IO is used to modularly expand the alarm input and output points to any Pacom Controller. The 1065-IO communicates via RS-485 multi-drop port to Controllers. In its standard configuration the Pacom 1065-IO provides connection to 16 supervised alarm inputs and four outputs. The inputs support analog data and can be used to facilitate remote maintenance on the end devices from the Pacom security management software.



PART NUMBER	TYPE CODE	DESCRIPTION
300 072 012	1065R-002	1065 16In/4Out Remote I/O Expansion Module (PCB only) - Includes 32 EOL resistors. Supports two (2) mezzanine cards.

1076 I/O CONTROLLER

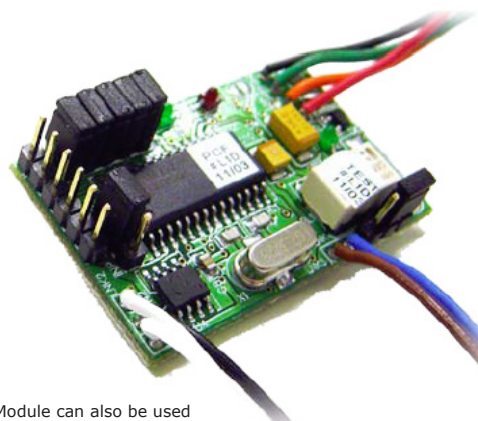
The Pacom 1076-IO is used to modularly expand the alarm input and output points to any Pacom field controller. The Pacom 1076-IO communicates via its RS485 multi-drop port to the field controllers. In its standard configuration the Pacom 1076-IO provides connection to eight supervised alarm inputs and four outputs.



PART NUMBER	TYPE CODE	DESCRIPTION
300 062 007	1076R-IO-UL	1076-IO 8In/4Out Remote I/O Expansion module (PCB only) - Includes 8 EOL resistors.

1068 END - OF - LINE CARD

The Pacom 1068 end-of-line card is designed to increase the security of remote alarm input devices such as PIR detectors, door contacts and seismic detectors. It is small enough to be housed inside the casing of most devices and has two inputs to allow monitoring of the device contact and an additional tamper switch.



PART NUMBER	TYPE CODE	DESCRIPTION
300 073 004	1068R-001-UL	2In/1Out Remote I/O Expansion Module (PCB only). This Module can also be used as an Inovonics FA400 Receiver Interface. Includes FA400 mounting bracket and 4 EOL resistors.

CARD READER INTERFACES

1064 DOOR CONTROLLER

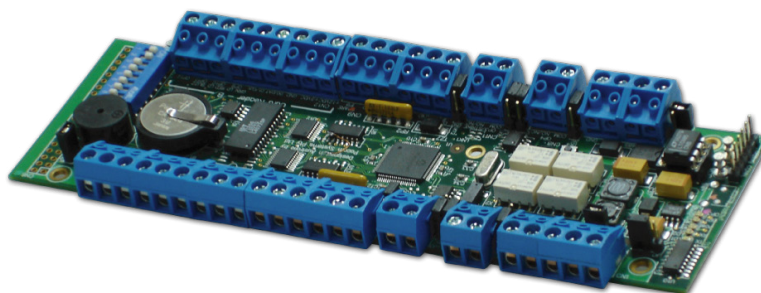
The Pacom 1064 door controller is a single card reader access control interface designed specifically to operate with Pacom Controllers and security management software. It also provides redundancy operation ("degraded mode" operation) should the door controller become offline to the system, in that it either stores the last used access cards or is programmed to allow access based on access card facility code only.



PART NUMBER	TYPE CODE	DESCRIPTION
400 050 005	1064ENC-CON	1064 Single Door Card Reader Interface with enclosure including 24 to 12 VDC converter, wall tear-off and lid open tamper contacts.
400 050 008	1064-ENC	1064 Single Door Card Reader Interface with enclosure including wall tear-off and lid open tamper contacts.

1076 TWO DOOR CONTROLLER

The Pacom 1076 Intelligent Two-Door Controller combines the functionality of a dual card reader interface with fully redundant offline processing and local storage of up to 1000 cardholder records and 500 valid card transactions. The 1076 Two-Door Controller provides a hard-wired interface connection for two independent access control devices using standard Wiegand or magnetic stripe formats.

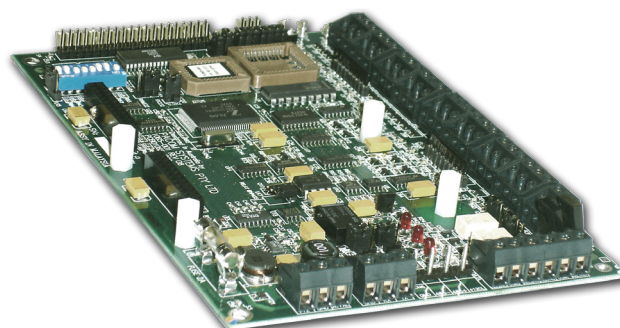


PART NUMBER	TYPE CODE	DESCRIPTION
400 050 007	1076ENC-CON	1076 Two-Door Card Reader Interface with enclosure including 24 to 12 VDC converter, wall tear-off and lid open tamper contacts.
400 050 010	1076-ENC	1076 Two-Door Card Reader Interface with enclosure including wall tear-off and lid open tamper contacts.

ELEVATOR CONTROL DEVICES

1065 ELEVATOR CONTROLLER

1065 Elevator Controller for controlling up to 16 floors. The elevator controller requires a mezzanine relay output card (Part# 300 070 004) for each 8 consecutive floors to be controlled (not included).



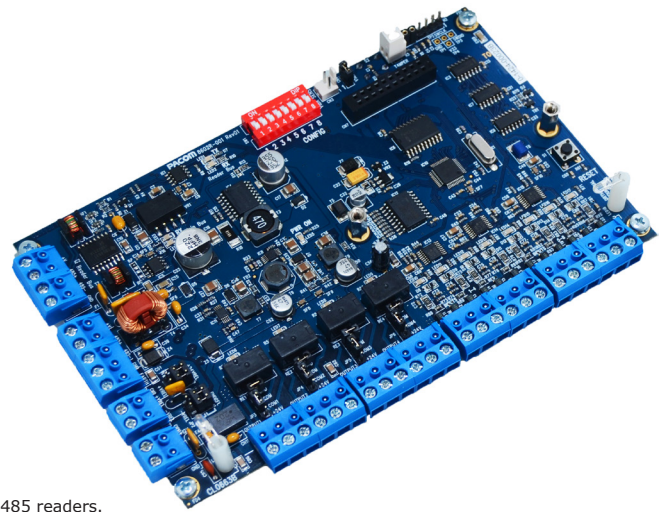
PART NUMBER	TYPE CODE
300 050 006	1065R-EC-UL

MULTI INTERFACE

8602 MULTI INTERFACE

PACOM 8602 multi interface is your best choice for a fully integrated alarm and access control system. PACOM 8602 multi interface supports two readers. PACOM 8602 multi interface is an excellent addition to PACOM 8000-series controllers. By using the same serial connection as other PACOM devices, the installation becomes easy and cost effective.

PACOM 8602 multi interface has 8 supervised inputs and four outputs on the card. These can be expanded with expansion cards to be customized in order to meet customer needs.



PART NUMBER	TYPE CODE	DESCRIPTION
300 047 011	8602R-01	Pacom 8602 Multi Interface with support for RS485 readers. Includes an enclosure.

KEYPADS

PACOM 8101 KEYPAD

PACOM 8101 keypad has a modern design and intuitive symbols for easy operation. PACOM 8101 is equipped with a two-line, 16 symbols LCD screen and can be used for local operation of alarms. PACOM 8101 uses RS485 to communicate with the PACOM controller. Up to 16 keypads can be used per controller. All alarm areas can be operated from the keypad and the area LED displays the status of the current area.

Two models are available. PACOM 8101A is designed to only use PIN codes to operate the alarm while the 8101 has an integrated door controller, making it possible to operate the alarm using a reader without using PIN codes. Both models can be used with PACOM 8000 Series controllers.

PART NUMBER	TYPE CODE	DESCRIPTION
300 043 101	8101R-001-UL	8101 LCD Keypad. 2 x 16 character backlit display and 8 area status indication LEDs. Includes a built-in card reader interface.
300 043 102	8101AR-001-UL	8101A LCD Keypad for alarm operation. 2 x 16 character backlit display and 8 area status indication LEDs.



8104 TOUCH KEYPAD

Pacom 8104 is a completely new type of keypad with a unique and stylish design that integrates security into the business operation in a discreet, innovative and appealing manner.

The customizable Pacom 8104 touch can be configured to display any logotype or other image or text. With this technology, visitors can get a first contact with the company via a stylish and modern unit when visiting the business facility.

PART NUMBER	TYPE CODE	DESCRIPTION
300 043 006	8104-001U	Standard Pacom Customizable Touchscreen Keypad. Contact your local Pacom sales representative for more information and price.



READERS AND VANDAL PROOF HOUSING

8705 TOUCH READER

PACOM 8705 is a completely new type of reader with MIFARE, MIFARE Plus or DESFire, whose unique and stylish design integrates security into the business operation in a discreet, innovative and appealing manner.

PACOM 8705 is primarily used as a reader for access control, but the integrated RFID reader can be configured according to the customer needs to fulfill a number of functions. The figures location on the screen may be randomly selected to reduce the risk that an unauthorized person sees the PIN code when typed.

This increases the user's feeling of security. The uniqueness of PACOM 8705 is that its 3.2" touch screen can be configured to display any logotype. With this technology, visitors can get a first contact with the company via a stylish and modern unit in connection to their visit at the company.



PART NUMBER	TYPE CODE	DESCRIPTION
300 048 021	8705R-001	Pacom 8705 Premium reader with RS485 and touchscreen
300 048 022	8705R-MP	Pacom 8705 Mounting plate for IP41

8704 SLIM READER

PACOM 8704 Slim is an optimal reader which, due to its "slimmed" design opens up the possibility for secure passage solutions at facilities with limited space and narrow environments.

The illuminated membrane keyboard has a built-in self-adjustment of the brightness level and is automatically illuminated when needed, making the reader a suitable alternative even in environments with limited lighting.



PART NUMBER	TYPE CODE	DESCRIPTION
300 048 012	8704R-001	Pacom 8704 Slim Reader with RS485 output and Keypad.

READERS AND VANDAL PROOF HOUSING

VANDAL PROOF HOUSING 8704

PACOM vandal proof housing for PACOM 8704 Slim Reader. The vandal proof housing is designed to complicate vandalism and damage of the reader. PACOM vandal proof housing is made of 5mm black plastic and can be mounted and removed without the need to dismantle the reader or the connected cables. Note that the vandal proof housing can only be purchased in packs of 5.

PART NUMBER	TYPE CODE
400 075 003	8702-VPH



ENCLOSURES

STANDARD ENCLOSURE

PACOM standard wall-mount enclosure with removable lid. Includes tamper contact and mounting plate for Pacom 8001/8002 Controllers, 1064, 1076 and 1065 PCB's.

PART NUMBER	TYPE CODE
400 071 001	PDENCL-01



SMALL WALL-MOUNT ENCLOSURE

PACOM small wall-mount enclosure with removable lid. Includes tamper contact and mounting plate for Pacom 1064 and 1076 PCB's.

PART NUMBER	TYPE CODE
400 072 001	PDENCL-02



PROFESSIONAL SERVICES



TRAINING COURSES

PACOM runs a series of standard training courses for our end-users and VARs. A good training lies in both our, VAR's and end-user's interest, as knowledge of our system will prevent errors during installation and operation, which in turn saves time and unnecessary costs.

On the next pages you will find our current course offerings.

UNISON TRAINING

2-DAY UNISON BASIC TRAINING COURSE

2-Day Unison Basic Training Course going over the main features in Unison, emphasis is put on understanding a Unison setup.

PART NUMBER	TYPE CODE
700 002 001	CR-USN-BAS

FACTORY AND ONSITE TRAINING

1-DAY INTRODUCTORY TECHNICAL TRAINING

This training introduces the Pacom's comprehensive line of security solutions. It is intended for technicians who will be installing, configuring and maintaining these solutions.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 001	CR-INST-INT	Factory Training
PART NUMBER	TYPE CODE	DESCRIPTION
700 020 001	OS-INST-INT	Onsite Training

2-DAY ADVANCED TECHNICAL TRAINING

This training takes over from the Introductory Technician Training. The installers are given more opportunity to use and familiarize themselves with Pacom GMS software. The contents cover configuration of a typical security solution. You will run through an exhaustive list of tasks which cover alarm area configuration, field controller configuration and access control configuration.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 002	CR-INST-ADV	Factory Training
PART NUMBER	TYPE CODE	DESCRIPTION
700 020 002	OS-INST-ADV	Onsite Training

2-DAY GMS CONFIGURATION TRAINING

The training continues on the journey of the installer. Additional emphasis is put on understanding a GMS setup and tasks involved in configuring a security solution with the GMS setup central to the solution.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 003	CR-INST-GMS	Factory Training
PART NUMBER	TYPE CODE	DESCRIPTION
700 020 003	OS-INST-GMS	Onsite Training

1-DAY GMS OPERATOR TRAINING - ACCESS MANAGEMENT

A course that looks at access control handling and management. The focus of this course is the GMS Card Access Manager.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 007	CR-OP-ACM	Factory Training
PART NUMBER	TYPE CODE	DESCRIPTION
700 020 007	OS-OP-ACM	Onsite Training

FACTORY AND ONSITE TRAINING

1-DAY GMS OPERATOR TRAINING - EVENT RESPONSE

A course for the security administrator to take. This looks at event response handling and the focus is the Summary Manager component of GMS.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 006	CR-OP-EVR	Factory Training

PART NUMBER	TYPE CODE	DESCRIPTION
700 020 006	OS-OP-EVR	Onsite Training

1-DAY INTRODUCTORY PACOM TRAINING

A short but intense course which introduces Pacom and its security solutions. Then a look at the Pacom GMS software and its components for managing security sites, alarms and access control.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 005	CR-OP-INT	Factory Training

PART NUMBER	TYPE CODE	DESCRIPTION
700 020 005	OS-OP-INT	Onsite Training

2-DAY GMS ADMINISTRATOR TRAINING

This administrator training encompasses all operational aspects of GMS, including GMS setups and configurations required to manage alarms and access control in a setup.

PART NUMBER	TYPE CODE	DESCRIPTION
700 001 008	CR-OP-ADM	Factory Training

PART NUMBER	TYPE CODE	DESCRIPTION
700 020 008	OS-OP-ADM	Onsite Training

2-DAY EMCS MULTI-SITE SERVER TRAINING

2-Day EMCS Multi-Site Server training. The installer in this training is introduced to the EMCS Multi-Site Server concept and its components. Each component is looked at independently, where configurations in the Security Manager software are addressed and they put together a working system.

PART NUMBER	TYPE CODE
700 001 009	CR-INST-EMCS
700 020 009	OS-INST-EMCS

CUSTOMER CARE PROGRAM

PACOM's Customer Care Program (CCP) uses extensive technical expertise to check your security system and to help reap its full benefits. Our CCP provides you with peace of mind, knowing that your system is performing as it is configured to do and ultimately lets your staff concentrate on their key areas.

Site Audit reports produced through the CCP suggests areas of improvement for further efficiency and makes appropriate recommendations to perform upgrades or updates of the complete system.

The Customer Care Program is an annual service consisting of the following services and options available: site audits, GMS upgrades (3 year minimum), GMS upgrade installations and Firmware upgrade installations.

For specific information about the various CCP options together with ordering information, please review PACOM Pricelist.

SUPPORT SERVICES

PACOM offers various support services such as on site support, phone support and a 5 day assistance with the setup and configuration of the Security Portal. Order information is found below.

ON SITE SUPPORT

On Site Support - per day (excludes travel, accommodation and expenses)

PART NUMBER	TYPE CODE
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700 010 001	PAC-SUP-OS
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PHONE SUPPORT

Phone support - per hour rate for uncertified VARs or end-user callers (15 minute intervals)

PART NUMBER	TYPE CODE
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700 010 002	PAC-SUP-TEL
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SUPPORT TRAVEL TIME

Support travel time. This covers 4 hours of travel time associated with performing professional services (excludes airfares and expenses). 4 hours minimum charge. Subsequent billing in 4 hour increments.

PART NUMBER	TYPE CODE
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700 010 006	PAC-SUP-TRV
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PACOM CUSTOM DEVELOPMENT SCOPING SERVICE

Pacom Custom Development Scoping Service. Pacom will provide a written quote, with costs and time estimates, for a requested custom development. If VAR chooses to proceed with the development, this service fee will be deducted from the quoted development cost.

PART NUMBER	TYPE CODE
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700 010 009	PAC-PS-SCOPE
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SUPPORT SERVICES

SERVICES FOR CUSTOMERS WITH EMCS MULTI-SITE SERVER PLATFORM

Pacom Professional Services for customers with EMCS Multi-Site Server platform. Includes site audits, software upgrade installations, remote support and system consultancy. Excludes travel, accommodation and expenses.)

PART NUMBER	TYPE CODE
700 010 011	PAC-SUP-EMCS

AFTER HOURS/WEEKEND STANDBY SUPPORT

Pacom after-hours/weekend standby support. This covers a 24-hour period.

PART NUMBER	TYPE CODE
700 010 012	PAC-SUP-STBY

CUSTOMIZED DEVELOPMENT

VIDEO PLUG-IN DEVELOPMENT

Video plug-in development for GMS Server integration.

PART NUMBER	TYPE CODE
700 040 001	DVR-INT

VIDEO HIGH LEVEL INTERFACE

Development of a video high level interface between DVR and Pacom Field Controller for event processing and health status monitoring.

PART NUMBER	TYPE CODE
700 040 002	DVR-INT-EP

GENERIC CUSTOMIZED FEATURE DEVELOPMENT

Pacom offers generic customized feature development. For more information, contact your local VAR.

PART NUMBER	TYPE CODE
700 040 003	CUST-DEV

DEMONSTRATION EQUIPMENT

PACOM 8002 DEMONSTRATION CASE

Pacom 8002 Demonstration Case. Includes Pacom 8002-L Controller, 1076 Card Reader Interface, 8201 GPRS module & antenna, 8101AR Keypad, 2 x HID R10 iClass Readers and 5 HID iClass cards.

PART NUMBER	TYPE CODE
400 060 005	DC-05PD

PACOM 8003 DEMONSTRATION CASE

Pacom 8003 Demonstration Case. Includes Pacom 8003 Controller, 8101AR Keypad, 2 x HID R10 iClass Readers and 5 HID iClass cards.

PART NUMBER	TYPE CODE
400 060 008	DC-08PD



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