

PAC Vision Overview



Security Systems



- Supports multiple connection options, multiple users, and multi-tasking environments
- Supports central network controllers (CNC), alarm event managers (AEM), K2200 and K2100 Door Controllers, and desktop administration kits
- Multiple site access management, with advanced database partitioning for up to 100 divisions (regions)
- 128 access levels per division (region)

PAC Vision updates existing Readykey[®] for Windows[®] systems and supports K2200 and K2100 Series Door Controllers. PAC Vision fulfills security management and access control requirements such as protecting property, resources, and staff.

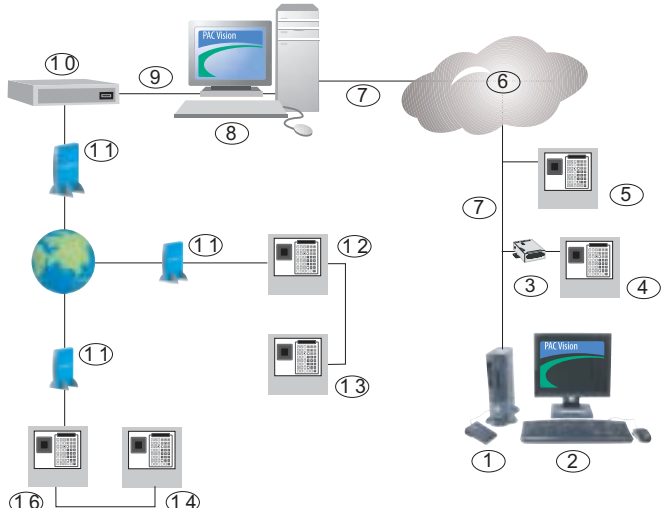
Additional Features

- Cardholder tracking, photo verification, ID badge imaging, and double-sided card printing
- 20 configurable cardholder fields
- Supports Windows XP SP 1 and SP 2
- Supports multiple regions and time-zones through Ethernet and dial-up communication

System Overview

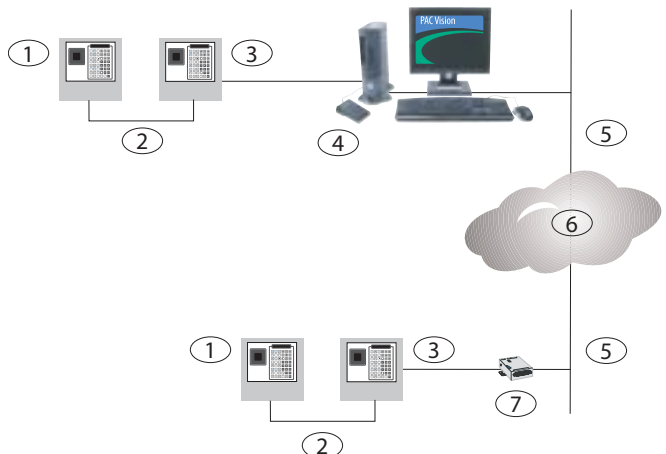
PAC Vision provides a 32-bit, multiple user, and multiple division access control solution that uses the Windows XP operating system, retains existing user and photo identification (ID) badging information, and works on a stand-alone PC or across a corporate network.

Multiple Site with Central Network Controllers



1	Desktop administration kit
2	Client PC (credential enrollment)
3	Network interface
4	K2100 Door Controller
5	K2200IP Door Controller
6	Wide-area network (WAN)
7	Local-area network (LAN)
8	Host PC
9	RS-232
10	CNC (Up to 32 door controllers)
11	PSTN modem
12	K2100 Door Controller (Master)
13	K2100 Door Controller (Slave)
14	K2200 Door Controller (Slave)
15	K2200 Door Controller (Master)

Multiple Site with Desktop Administration Kit



1	K2200 Door Controller (Slave)
2	Up to eight door controllers
3	K2200 Door Controller (Master)
4	Desktop administration kit
5	Local-area network (LAN)
6	Wide-area network (WAN)
7	Network interface

Functions

Operating System and Database Support

PAC Vision operates under Windows® XP and Windows® 2000, and supports SQL and Microsoft Access databases.

Connection Options

PAC Vision connection options include IP, dial-up with a central network controller, RS-232, and six-wire bus.

Additional Features

PAC Vision provides a graphical user interface (GUI) with online help and color-coded audit trails, logs, and alarm displays. PAC Vision also provides authenticated log-on, powerful client-server architecture, advanced alarm management, and real-time event logging. PAC Vision has a built-in report generator with support for custom reports through Crystal Reports®, system archiving, programmable holidays, a CCTV interface (optional), and manual system override capabilities.

Installation/Configuration Notes

Compatibility Information

Note: PAC Vision is compatible with most Readykey system components.

Hardware Components (PC Based)	
Current Products	Legacy Discontinued Products
<ul style="list-style-type: none"> K6130DT-PC Dual Tech Admin Kit (KeyPAC and K2000 Series) 	<ul style="list-style-type: none"> K6100-PC Desktop Admin Kit (K2000 Series)
<ul style="list-style-type: none"> K6100-AD Desktop Admin Kit (without Desktop Admin Reader) 	<ul style="list-style-type: none"> K6100-R Desktop Admin Reader (K2000 Series)
<ul style="list-style-type: none"> K6100-CNCII Central Network Controller MKII (Nine-pin RS-232) 	<ul style="list-style-type: none"> K6300-PC KeyPAC PC Admin Kit
<ul style="list-style-type: none"> K6120 pIPer Network Modem 	<ul style="list-style-type: none"> K6300-R KeyPAC Desktop Admin Reader
<ul style="list-style-type: none"> K6120-CNC pIPer Modem Kit for CNC Installation 	
<ul style="list-style-type: none"> K6120-DC pIPer Modem Kit for Door Control Installation 	
<ul style="list-style-type: none"> K6121-CNC Cable for pIPer Modem 	
<ul style="list-style-type: none"> K6121-DC Door Control Cable for pIPer Modem 	
<ul style="list-style-type: none"> K6300-CNCII KeyPAC Central Network Controller 	
<ul style="list-style-type: none"> UDS-10-01 Device Server (10 Base-T) 	
<ul style="list-style-type: none"> UDS-10-CABLE UDS-10 to K2200 Cable 	

Note: PAC Vision is not compatible with the K6100-CNC Central Network Controller MK1 (25 PIN RS-232) and K2015 Alarm Event Manager.

Door Controllers and Related Components	
Current Products	Legacy Discontinued Products
<ul style="list-style-type: none"> K2200-LF (Four-door), no faceplate 	<ul style="list-style-type: none"> K2100 Door Controller (Four-door), V3 Firmware Required
<ul style="list-style-type: none"> K2200-KP Door Controller (Four-door), with K3108 Faceplate 	<ul style="list-style-type: none"> K1100 Door Controller (Two-door), V3 Firmware Required
<ul style="list-style-type: none"> K2200 Door Controller (Four-door) with K2108 Faceplate 	<ul style="list-style-type: none"> K2050 Alarm Integration Module
<ul style="list-style-type: none"> K1200-LF Door Controller (Two-door), no faceplate 	<ul style="list-style-type: none"> K2051 Door Suppression Module
<ul style="list-style-type: none"> K1200-KP Door Controller (Two-door) with K3108 Faceplate 	
<ul style="list-style-type: none"> K1200 Door Controller (Two-door) with K2108 Faceplate 	
<ul style="list-style-type: none"> K3108 KeyPAC Faceplate 	
<ul style="list-style-type: none"> K2108 Readykey Faceplate 	
<ul style="list-style-type: none"> D8103 Enclosure 	
<ul style="list-style-type: none"> K2199 Firmware Upgrade K100/ K2100 	
<ul style="list-style-type: none"> K2299 Firmware Upgrade K2200/ K1200 	

Door Controller Accessories	
Current Products	Legacy Discontinued Products
<ul style="list-style-type: none"> K2105 Upgrade K2000AM/ K2000N to K2100 	<ul style="list-style-type: none"> K2015A Alarm Event Manager
<ul style="list-style-type: none"> K2105-18K Cardholder Upgrade (10,000 to 18K) 	
<ul style="list-style-type: none"> K2205-50K Cardholder Upgrade (10,000 to 50K) 	
<ul style="list-style-type: none"> K2015B Alarm Event Manager MKIII 	
<ul style="list-style-type: none"> K21232 Six-wire Bus and RS-232 Converter 	

Readers and Accessories

Current Products
<ul style="list-style-type: none"> K2001 Low Profile Reader
<ul style="list-style-type: none"> K2001-P Reader, PIN Reader Flush Mount
<ul style="list-style-type: none"> K2001-SP PIN Reader Surface-mount
<ul style="list-style-type: none"> K2001W Low Profile Reader, White
<ul style="list-style-type: none"> K2002 Vandal Resistant Reader
<ul style="list-style-type: none"> K2002B Vandal Resistant Reader, Brass
<ul style="list-style-type: none"> K2003 Mullion Reader
<ul style="list-style-type: none"> K2003W Mullion Reader, White
<ul style="list-style-type: none"> K2012 Wiegand Interface
<ul style="list-style-type: none"> K2025 Panel Reader Mount
<ul style="list-style-type: none"> K3001 KeyPAC Low Profile Reader
<ul style="list-style-type: none"> K3001W KeyPAC Low Profile Reader, White
<ul style="list-style-type: none"> K3002 KeyPAC Vandal Reader
<ul style="list-style-type: none"> K3002B KeyPAC Vandal Reader, Brass
<ul style="list-style-type: none"> K3003 KeyPAC Slimline Reader
<ul style="list-style-type: none"> K3003W KeyPAC Slimline Reader, White
<ul style="list-style-type: none"> K3004 KeyPAC Extended-range Proximity Reader
<ul style="list-style-type: none"> K3004W KeyPAC Extended-range Proximity Reader, White

Reader Accessories

<ul style="list-style-type: none"> K2016 Mounting Bracket for K2001
<ul style="list-style-type: none"> K2017 Electrical Box Adapter Plate, K2001/K3001 Reader
<ul style="list-style-type: none"> K2018 Electrical Box Adapter Plate, K2002/K3002 Reader
<ul style="list-style-type: none"> K2040A Reader Combiner

Credentials

<ul style="list-style-type: none"> K2010-10 Proximity Token
<ul style="list-style-type: none"> K2010WG-10 Wiegand Proximity Token, 26-bit
<ul style="list-style-type: none"> K2011AWG-10 Printable ID Card
<ul style="list-style-type: none"> K2011B-10 Printable ID Card
<ul style="list-style-type: none"> K2011M-10 Magstripe Card
<ul style="list-style-type: none"> K2011W-10 Printable ID Card
<ul style="list-style-type: none"> K3010-10 Token
<ul style="list-style-type: none"> K3010WG-10 Wiegand Token, 26-bit
<ul style="list-style-type: none"> K3011-10 Printable Photo ID Card
<ul style="list-style-type: none"> K3011M-10 Printable Photo ID Magstripe Card
<ul style="list-style-type: none"> K3011WG-10 Wiegand Token, 26-bit
<ul style="list-style-type: none"> K3012-100 Wiegand Proximity Adhesive Tag, 26-bit

Technical Specifications**Vision Software**

	Host or Client	Optional Server
Operating System	Windows 2000 Professional SP 4 Windows XP Professional SP 1 and 2	Windows 2000 Server SP 4
Processor	1 GHz or faster	1.7 GHz or faster Pentium 4
Memory	256MB	256MB (512MB recommended)
Hard Disk	20 GB	40 GB
Recommended		Microsoft SQL 2000 RAID 5 Disk Array

Trademarks

Crystal Reports® is a registered trademark of Business Objects.

Microsoft® is a registered trademark of Microsoft Corporation in the United States and/or other countries.

Pentium® is a registered trademark of the Intel Corporation.

PAC®, the PAC logo, and PAC Vision are registered trademarks of PAC International, Ltd., A Stanley Security Solutions Business.

Readykey® is a registered trademark of Bosch Security Systems in the United States.

Windows®, Windows® 2000, and Windows® XP are a registered trademark of Microsoft Corporation in the United States and/or other countries.

Ordering Information

Vision 2.0 Licensed Software Bundle (16) 16 door software bundle with CD and USB dongle. Desktop administration kit sold separately.	K6400-16
Vision 2.0 Licensed Software Bundle (64) 64 door software bundle with CD and USB dongle. Desktop administration kit sold separately.	K6400-64
Vision 2.0 Licensed Software Bundle (128) 128 door software bundle with CD and USB dongle. Desktop administration kit sold separately.	K6400-128
Vision 2.0 Licensed Software Bundle (256) 256 door software bundle with CD and USB dongle. Desktop administration kit sold separately.	K6400-256

Ordering Information

Vision 2.0 Licensed Software Bundle (512) 512 door software bundle with CD and USB dongle. Desktop administration kit sold separately.	K6400-512
Vision 2.0 Licensed Software Bundle (1024+) 1024+ door software bundle with CD and USB dongle. Desktop administration kit sold separately.	K6400-1024+
Software Options	
Vision 2.0 Door Upgrade License (64) Increases the number of doors to 64. The upgrade is delivered through e-mail.	K6410-16-64
Vision 2.0 Door Upgrade License (128) Increases the number of doors to 128. The upgrade is delivered through e-mail.	K6410-64-128
Vision 2.0 Door Upgrade License (256) Increases the number of doors to 256. The upgrade is delivered through e-mail.	K6410-128-256
Vision 2.0 Door Upgrade License (512) Increases the number of doors to 512. The upgrade is delivered through e-mail.	K6410-256-512
Vision 2.0 Door Upgrade License (1024) Increases the number of doors to 1024+. The upgrade is delivered through e-mail.	K6410-512-1024
Vision 2.0 Client License Additional client license (for each workstation). The license is delivered through e-mail.	K6410-CL
Vision 2.0 Photo ID Options Photo ID options (for each workstation). The file is delivered through e-mail.	K6410-PID
Vision 2.0 Universal CCTV Driver Serial ASCII commands. The file is delivered through e-mail.	K6410-CCTV
Vision 2.0 Software CD CD for upgrades and demonstrations.	K6400-CD

Americas:

Bosch Security Systems
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone:+1 585 223 4060
Fax:+1 800 289 0096
security.sales@us.bosch.com
http://www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone:+31 (0) 40 27 83955
Fax:+31 (0) 40 27 86668
emea.securitysystems@bosch.com
http://www.boschsecurity.com

Asia-Pacific:

Bosch Security Systems Pte Ltd
38C Jalan Pemimpin
Singapore 577180
Phone:+65 6319 3450
Fax:+65 6319 3499
apr.securitysystems@bosch.com
http://www.boschsecurity.com

BOSCH