

Series 3 and 4 Product Compatibility Guide

Reference Document

When adding newer controllers into an access control network with older controllers, certain rules and restrictions apply. This document provides compatibility tables for *Doors* software, PXL *Tiger Controller* firmware, and *EntraGuard* Telephone Entry controller firmware. Use these tables to help you merge new hardware/software/firmware into existing access control networks.

1.0 PXL-500 Family Controllers

- *Doors* software releases and PXL-500/510 firmware releases are “backwards-compatible” and can be mixed with earlier releases of either software or firmware. However, the features supported by the system will be limited to the capabilities of the lowest revision of software or firmware on the entire system. To be sure whether a release is “backwards-compatible” always check with the accompanying release notes for specific instructions.
- To use the Alarm Control feature, a PXL-510 **MUST** be the master controller.
- The Temp Users feature requires the use of PXL-500/510 controllers.
- PXL-500/510 controllers can be on the same network as *EntraGuard* controllers. Depending upon the application, either a PXL or an *EntraGuard* can be the master controller.

Table 1: PXL-500/-510 Family Controllers

PXL-500 / PXL-510					
Release Date	Doors Software	PROM Firmware	PIC Firmware	Receiver PICs	
				Prox	Wiegand
26 Jul 2010	4.73				
23 Jun 2010		8.5.19			
26 Mar 2010		8.5.16			
11 Jun 2009	4.71	8.5.14			
4 Sep 2008		8.5.10			
22 Feb 2008	4.58	8.4.51			
16 Nov 2007	4.56				
29 Mar 2007		8.4.49			
8 Mar 2007		8.4.48			
28 Nov 2006		8.4.47			5.11
15 Nov 2006	4.55				
1 Jun 2006	4.54	8.4.46			
18 May 2006	4.53				
2 Dec 2005	4.51				

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Table 1: PXL-500/-510 Family Controllers

PXL-500 / PXL-510					
Release Date	Doors Software	PROM Firmware	PIC Firmware	Receiver PICs	
				Prox	Wiegand
23 Sep 2005	4.50 ^a	8.4.44			
6 Apr 2005	4.43				
1 Mar 2005			2.11		
3 Feb 2005		8.4.43	2.10		
17 Jun 2004	4.30	8.4.30			
28 Oct 2003			2.09		
7 Oct 2003	4.20	8.4.20	2.08 ^b		5.10 ^c
17 Jul 2003		8.4.12	2.07		
9 Jun 2003		8.4.11	2.06		
16 Apr 2003	4.10	8.4.10	2.05	5.00	5.00

a. Release of Visions Video software as part of the Doors software package.

b. PIC firmware version 2.08 (or greater) must be used with PROM firmware 8.4.20 (or greater).

c. Wiegand Receiver PIC version 5.10 must be used with PROM firmware 8.4.20 (or greater).

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2.0 EntraGuard Platinum Telephone Entry Units

- *Doors* software releases and EntraGuard Platinum firmware releases are “backwards-compatible” and can be mixed with earlier releases of either software or firmware. However, the features supported by the system will be limited to the capabilities of the lowest revision of software or firmware on the entire system. To be sure whether a release is “backwards-compatible” always check with the accompanying release notes for specific instructions.
- A PXL-500 or PXL-510 may be used as a slave controller with an EntraGuard master.
- EntraGuard controllers can be on the same network as PXL-500/510 controllers. Depending upon the application, either a PXL or an EntraGuard can be the master controller.

Table 2: EntraGuard Platinum Controllers

EntraGuard Platinum					
Release Date	Doors Software	PROM Firmware	I/O PIC16 ^a		Graphics PIC18
			Connexant	Xmodus	
20 Sep 2010	4.73	9.1.06		16	
5 Aug 2010				14	
26 Jul 2010				13	
11 Jun 2009	4.71	9.1.06	11		
22 Feb 2008	4.58	9.1.4			
16 Nov 2007	4.56	9.0.3			
28 Nov 2006					
15 Nov 2006	4.55	9.0.2			
1 Jun 2006	4.54				
18 May 2006	4.53				
2 Dec 2005	4.51				
23 Sep 2005	4.50				
6 Apr 2005	4.43	9.0.1	1.0.10		3.0.1

a. The Connexant Voice/Data processing chip was phased out in favor of the Xmodus Voice/Data module. The two versions of this product require unique I/O PICs; the I/O PICs are not cross compatible.

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3.0 EntraGuard Titanium/Silver Telephone Entry Units

- EntraGuard Titanium and Silver share the same firmware, beginning with the 7.3.14 release.
- *Doors* software releases and EntraGuard Titanium/Silver firmware releases are usually “backwards-compatible” and can be mixed with earlier releases of either software or firmware. However, the features supported by the system will be limited to the capabilities of the lowest revision of software or firmware on the entire system. To be sure whether a release is “backwards-compatible” always check with the accompanying release notes for specific instructions.
- EntraGuard controllers can be on the same network as PXL-500/510 controllers. Depending upon the application, either a PXL or an EntraGuard can be the master controller.
- EntraGuard controllers can be used on a network with PXL-250 controllers, however, an EntraGuard controller **MUST** be the master controller on the network.

Table 3: EntraGuard Titanium and Silver Controllers

EntraGuard Titanium / Silver						
Release Date	Doors Software	PROM Firmware	I/O PIC ^a			
			Connexant	Xmodus		
20 Sep 2010	4.73			16		
5 Aug 2010				14		
26 Jul 2010				13		
11 Jun 2009	4.71	7.6.05	11			
22 Feb 2008	4.58	7.4.03				
16 Nov 2007	4.56	7.3.17				
15 Nov 2006	4.55					
28 Nov 2006	4.54					
1 Jun 2006						
18 May 2006						
2 Dec 2005	4.51				7.3.16	
23 Sep 2005	4.50					
6 Apr 2005	4.43	7.3.15				1.10
21 Sep 2004	4.30	7.3.14			1.09	

a. The Connexant Voice/Data processing chip was phased out in favor of the Xmodus Voice/Data module. The two versions of this product require unique I/O PICs; the I/O PICs are not cross compatible.

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4.0 Obsolete Products

Obsolete products covered in this section include the EntraGuard Gold and the PXL-250.

4.1 EntraGuard Gold Telephone Entry Units

Table 4: EntraGuard Gold Controllers

EntraGuard Gold				
Release Date	Doors Software	PROM Firmware	I/O PIC	
26 Jul 2010	4.73	7.4.03	1.10	
11 Jun 2009	4.71			
22 Feb 2008	4.58			
16 Nov 2007	4.56	7.3.17		
28 Nov/2006	4.55			
15 Nov 2006				
1 Jun 2006	4.54	7.3.16		
18 May 2006	4.53			
2 Dec 2005	4.51			
23 Sep 2005	4.50	7.3.16		
6 Apr 2005	4.43	7.3.15	1.10	
17 Jun 2004	4.30	7.3.14	1.09	
7 Oct2003	4.20			
16 Apr 2003	4.10 ^a			
12 Mar 2003	3.77	7.3.13		
3 Dec 2002		7.3.11		1.07
15 Nov 2002		7.3.10		
10 Sep 2002	3.77	7.3.09	1.06	
22 Jul 2002	3.76	7.3.07		
17 Apr 2002	3.75	7.3.06		
4 Jun 2002	3.74	7.3.05	1.04	
26 Mar 2002		7.3.04		

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Table 4: EntraGuard Gold Controllers

EntraGuard Gold			
Release Date	Doors Software	PROM Firmware	I/O PIC
4 Jan 2002	3.73 ^b	7.3.03	1.03
30 Nov 2001	3.72	7.3.02	1.02
9 Oct 2001	3.71	7.3.01	1.01
7 Sep 2001	3.70	7.3.00	1.00

a. *Doors* version 4.10 (and later) can be used on both PXL-250s and PXL-500/PXL-510s.

b. *Doors* versions prior to 3.74 and PROM Firmware versions prior to 7.3.04 are Beta versions and must be upgraded.

4.2 PXL-250 Controllers

- *Doors* software from release 3.20 and firmware from release 6.3.20 forward are “backwards-compatible” and can be mixed with earlier releases of either software or firmware. However, the features supported by the system will be limited to the capabilities of the lowest revision of software or firmware on the entire system.
- I/O PIC and Receiver PIC releases must be paired with the correct PROM firmware as shown in the tables below.
- PXL-500/510 controllers can be used as slave controllers on a PXL-250 network, however, features that require a PXL-500/510 as a master controller will **NOT** be available.
- *Doors* releases 3.20 to 3.50 support Windows 95, 98, and NT 4.0.
- *Doors* releases 3.62 forward also support Windows ME and Windows 2000.
- Operation in Windows 3.11 is **NOT** supported by any *Doors* release.

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Table 5: PXL-250 Controllers

PXL-250						
Release Date	Doors Software	PROM Firmware	I/O PIC	Receiver PICs		
				Prox.	Wiegand	
					Through Hole	Surface Mount
26 Jul 2010	4.73	6.3.61				
11 Jun 2009	4.71					
22 Feb 2008	4.58					
16 Nov 2007	4.56 ^a					
28 Nov 2006	4.55					
15 Nov 2006						
1 Jun 2006						
18 May 2006						
2 Feb 2005						
23 Sep 2005	4.50					
6 Apr 2005	4.43					
17 Apr 2004	4.30					
7 Oct 2003	4.20					
5 May 2003	4.10 ^b	6.3.60				
16 Apr 2003						
4 Mar 2003		6.3.59				
26 Feb 2003		6.3.58				
11 Dec 2002		6.3.57				
10 Sep 2002	3.77	6.3.54				3.3
22 Jul 2002	3.76					
18 Jun 2002	3.75					
17 Apr 2002						
26 Mar 2002						
15 Nov 2001	3.64 ^d	6.3.50 ^c				
18 May 2001						
16 Feb 2001		6.3.49				
8 Nov 2000	3.62		1.10	1.0	3.0	3.2

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Table 5: PXL-250 Controllers

PXL-250						
Release Date	Doors Software	PROM Firmware	I/O PIC	Receiver PICs		
				Prox.	Wiegand	
					Through Hole	Surface Mount
24 Oct 2000	3.61					
5 Feb 2001		6.3.47				
		6.3.45	1.09		2.0	
22 Jun 2000	3.51					
19 May 2000	3.50	6.3.44				
3 May 2000		6.3.43 ^e			3.0 ^f	
11 Feb 2000	3.42	6.3.42 ^g	1.08		2.0	
16 Jun 1999	3.31	6.3.23	1.07 ^h		1.0	
4 May 1999		6.3.22	1.06 ⁱ			
4 May 1999		6.3.21				
16 Nov 1998	3.20	6.3.20				
18 Jun 1998	3.11 ^j	6.2.21	1.05			

- Doors* version 4.56 was never tested on a network including at least one PXL-250.
- Doors* version 4.10 (and later) can be used on both PXL-250s and PXL-500/PXL-510s.
- Firmware versions 6.3.51 through 6.3.53 are Beta versions and must be updated.
- Doors* versions 3.70 through 3.73 are Beta versions for Telephone Entry systems and cannot be used with PXL-250s.
- Surface Mount and Through-Hole PXL-250 (from 6.3.43 forward).
- Version 6.3.43 firmware can only be used with 3.0 Wiegand PIC.
- Through-Hole PXL-250 only.
- PXL-250P (Proximity) or PXL-250W (Wiegand).
- PXL-250P (Proximity) only.
- Release 3.11 software and 6.2.20 or 6.2.21 firmware were Beta Test versions and must be replaced with Release 3.20 (or later) software with release 6.3.20 (or later) firmware. Later versions of either software or firmware cannot be mixed with these Beta Test versions.

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5.0 Adding Series 3 (32-bit) Controllers to a Series 2 (16-bit) Access Control Network

- A controller with Series 3 firmware can be added to an existing Series 2 network; however, the controller with Series 3 firmware must be configured as a slave unit, it cannot be the network master. New features in the Series 3 firmware will not be available.
- If a network master unit is upgraded to Series 3, then all controllers in that network and the PC software must also be upgraded to Series 3.
- Series 2 controllers are **NOT** compatible with Series 3 networks.

6.0 Contact Keri Systems:

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