

# Doors.NET™ Software v4.0.1

## Release Notes

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### 1.0 Doors.NET™ Software Release

**PLEASE REVIEW THIS DOCUMENT AS SUBSTANTIAL CHANGES HAVE BEEN MADE THAT AFFECT SOFTWARE INSTALLATION.**

This document is a summary of this software release. Doors.NET v4.0.1 replaces previous release v3.5.1.22 SP-1.

Previous versions of Doors.NET used .NET Framework v3.5. With the release of Doors.NET v4.0.1 Keri is now using .NET Framework v4.6.2 and SQL Express 2016. This allows our software to take advantage of the power, functionality, and speed provided by the current .NET Framework revision, and also reduces software installation/upgrade time. However, it also brings limitations, set by Microsoft, for Doors.NET v4.0.1 software installation:

- .NET Framework v4.6.2 is incompatible with certain older operating systems. This means Windows 8, Windows 7, Windows Server 2008 R2, and any older operating systems are no longer supported.
- SQL Express 2016 requires a 64-bit microprocessor/operating system and .NET Framework v4.6.2 for operation. This means the 32-bit versions of Windows 10 and Windows 8.1 will require a manual installation of SQL Express 2014 prior to installing Doors.NET v4.0.1.

Refer to Table 1 for compatibility information.

Other Issues of Note in This Release (details given in sections below as applicable)

- There is NO functional difference between Doors.NET v3.5.1.22 SP-1 and v4.0.1 software.
- Keri has ended support for ASSA Wi-Fi/PoE locking products.
- v4.0.1 software is incompatible with Aimetis Symphony and Panasonic Video as these systems are dependent upon an older version of Microsoft .NET Framework software. This is likely true for other, older video systems as well.
- The new Visual Doors client is installed with v4.0.1 software. It is not available for use with older versions of Doors.NET.
- A BETA version of Telepathy (the new mapping client) can be installed with v4.0.1. You must already have a mapping client license.

### 1.1 Microprocessor/Operating System Compatibility with Doors.NET Software

Certain PC operating systems are not compatible with Doors.NET v4.0.1 This is due to minimum system requirements set by Microsoft for supporting either .NET Framework v4.6.2, SQL Express 2016, or both.

The following table identifies which revisions of Doors.NET are compatible with the operating system your PC is using. Locate your operating system in the table to identify which revision of Doors.NET is compatible with your system.

If you do not know the type of microprocessor/operating system your PC uses, you can find this information by running Microsoft's System Information utility. This utility is a part of your operating system. The microprocessor type is found under System Summary > System Type. Your System Type will be listed as either "x64-based PC" for 64-bit microprocessors or "x86-based PC" for 32-bit microprocessors.

The following table assumes your operating system and .NET Framework is fully up to date with all Microsoft updates. If this is not the case, your installation might fail.

**Table 1: Microprocessor/Operating System Compatibility with Doors.NET Software**

	Operating System	Doors.NET v4.0.1 Compatible	Capped at Doors.NET v3.5.1.22 SP-1
<b>SERVER</b>	Windows Server 2016 (x64)	Yes	No
	Windows Server 2012 R2 (x64)	Yes	No
	Windows Server 2012 (x64)	Yes	No
	Windows Server 2008 R2 (x64)	No	Yes
	Windows Server 2008 (x64)	No	Yes
	Windows Server 2008 (x86)	No	Yes
	Windows Server 2003 - all versions	No	Yes
<b>WORKSTATION</b>	Windows 10 (x64)	Yes	No
	Windows 10 (x86) <sup>a b</sup>	Yes	No
	Windows 8.1 (x64)	Yes	No
	Windows 8.1 (x86) <sup>b</sup>	Yes	No
	Windows 8 (x64)	No	Yes
	Windows 8 (x86)	No	Yes
	Windows 7 (x64)	No	Yes
	Windows 7 (x86)	No	Yes
	Windows Vista - all versions	No	Yes
	Windows XP - all versions <sup>c</sup>	No	No

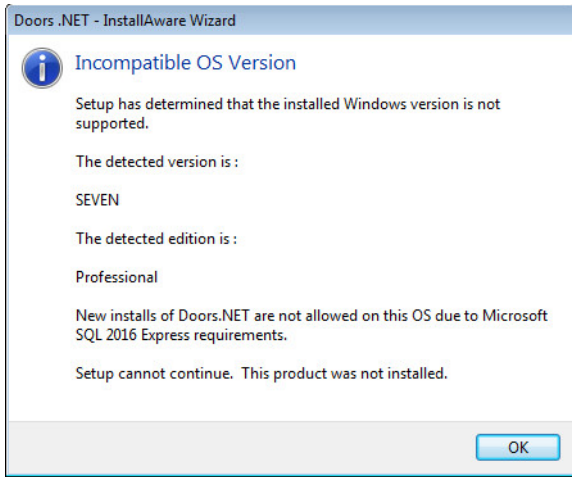
- a. .NET Framework 2.0/3.5 is not typically installed on Windows 10. Before installing SQL Express 2014, you will have to install .NET Framework 2.0/3.5. You must have an active Internet connection to complete this installation.
- b. You must manually install SQL Express 2014 before installing Doors.NET software. This is because Microsoft does not support SQL Express 2016 on x86 operating systems. The AutoRun on the installation DVD will help you with this process. Also, information for downloading and installing SQL Express 2014 is given at the end of this section.
- c. Windows XP is capped at Doors.NET v3.5.1.21 as it is no longer supported by Microsoft.

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For a new software installation, the Doors.NET v4.0.1 software installer verifies the compatibility of the operating system before beginning the installation. An Installation Failure window appears if your system does not meet the necessary requirements.



For an upgrade software installation, the Doors.NET v4.0.1 software installer also verifies the compatibility of the operating system with SQL Express 2016 before beginning the upgrade. A Non Supported Operating System Failure window appears if your system does not meet the necessary requirements.



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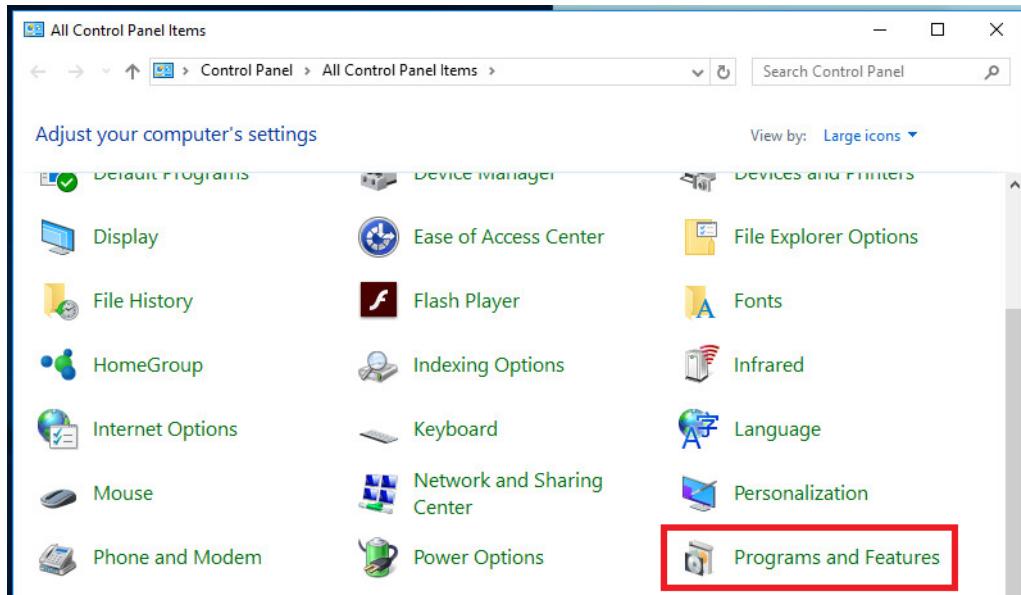
### 1.1.1 .NET Framework 2.0/3.5 Installation (to support SQL Express 2014)

.NET Framework 2.0/3.5 is not typically installed on Windows 10. Before installing SQL Express 2014, you will have to install .NET Framework 2.0/3.5.

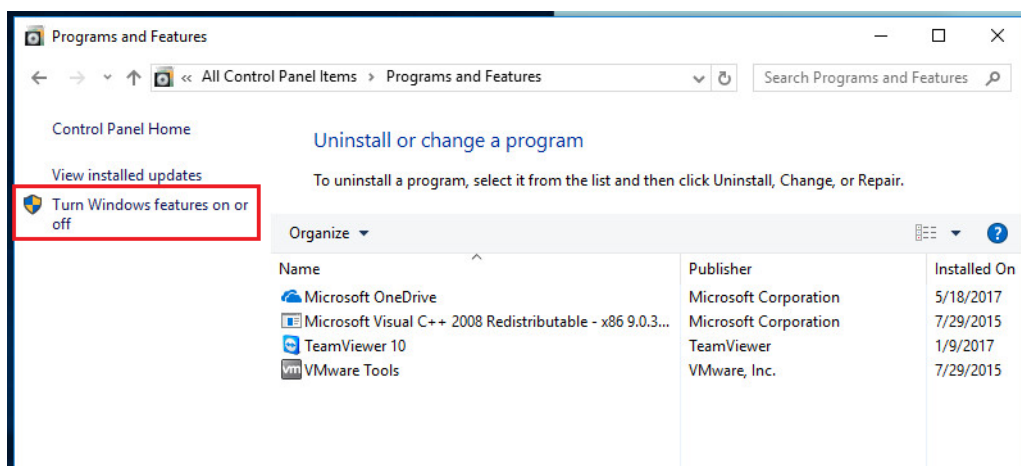
You must have an active Internet connection to complete this installation.

Open the Control Panel.

Open the Programs and Features option.



In the column on the left of this window there is a list of options. Click "Turn Windows features on or off."

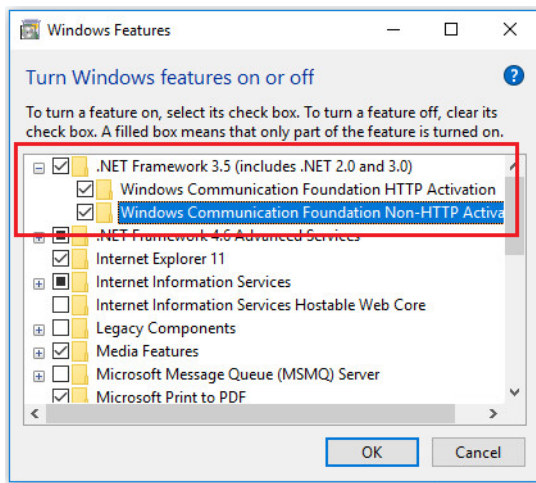


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Scroll through this list of features. Click on ".NET Framework 3.5 (includes .NET 2.0 and 3.0)."  
Click OK.



The .NET Framework 2.0/3.5 installer is downloaded from Microsoft and the installation is performed.

When complete, you can then install SQL Express 2014 and then Doors.NET v4.0.1.

### 1.1.2 SQL Express 2014 Download and Installation (if your PC is incompatible with SQL Express 2016)

The installation DVD includes the installer for SQL Express 2014. If you perform this step using the AutoRun menu, the SQL Instance is automatically configured for you. If you perform this step manually, you must also manually set certain configuration values as described in this document:

SQL\_Server\_Express\_2014\_Manual\_Install

This document can be found in the following folder on the DVD.

Technical\_Documentation > DoorsNet\_Software > Installation\_Documents

The following link will take you to Microsoft's SQL Express 2014 download page:  
(link valid at time of document creation).

<https://www.microsoft.com/en-us/download/details.aspx?id=42299>

## 1.2 Doors.NET No Longer Supports ASSA Wi-Fi/PoE Locking Products

Doors.NET v4.0.1 does NOT support ASSA Wi-Fi/PoE locking products and WILL REMOVE the ASSA AMT driver supporting the Wi-Fi/PoE gateway if it is installed.

Doors.NET v3.5.1.21 is the last release that will perform a new software installation allowing the ASSA AMT driver supporting the Wi-Fi/PoE gateway to be installed.

Doors.NET v3.5.1.22 SP-1 is the last release that will perform a software upgrade, and is the last Doors.NET revision supporting ASSA Wi-Fi/PoE Locking Products.

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### **1.3 Aimetis Symphony and Panasonic Video Incompatibilities**

Doors.NET v4.0.1 does NOT support Aimetis Symphony video management software. This is because the current Aimetis Symphony release is not compatible with Microsoft .NET framework v4.6.2. Aimetis Symphony is still compatible with Doors.NET v3.5.1.22 SP-1. We anticipate this being corrected by the next Doors.NET release.

Doors.NET v4.0.1 does NOT support Panasonic video cameras and DVRs. This is because the Panasonic video camera and DVR releases are not compatible with Microsoft .NET Framework v4.6.2. Panasonic video cameras and DVRs are still compatible with Doors.NET v3.5.1.22 SP-1. We anticipate this being corrected by the next Doors.NET release.

It is likely that any video product based on .NET Framework v3.5 will be affected by the upgrade to .NET Framework v4.6.2.

### **1.4 New Client Release - Visual Doors**

Doors.NET v4.0.1 also installs Keri's initial release of the Visual Doors client.

Visual Doors is Keri's new, graphical administrative client for Doors.NET. It uses an intuitive, tiled icon interface, making it easy for a day-to-day user of Doors.NET to perform the standard system maintenance and monitoring tasks. Advanced feature configuration and operation still requires the use of Doors.NET.

You can use the Visual Doors client or the standard Doors.NET client interchangeably; Visual Doors is simply another Doors.NET client. If your system allows multiple, concurrent clients you can switch between the standard client and visual client seamlessly.

### **1.5 Beta Client Release - Telepathy Mapping Client**

Doors.NET v4.0.1 includes a BETA version of the Telepathy Mapping Client. Please be aware that since this is a BETA version, testing and documentation is still underway. Support for this product is limited at this time. Telepathy will be fully supported when this product is officially released, expected with the next release of Doors.NET software (v4.0.2).

The Telepathy Mapping Client is Keri's new, simplified mapping client. It features a user-friendly, drag-and-drop, graphical interface. Using a building plan or layout as a background map; you place doors, sensors, and other building features onto the map, then configure these features to monitor and alert you to any change in status. Anything you want to monitor will be represented graphically. Certain door control functions can be immediately performed using right-click mouse menu options.

The Telepathy Mapping Client is only available to those who are already using Doors.NET's existing Graphics Mapping Client. This is an optional software module available with Doors.NET Professional Edition.

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### 2.0 Program Improvements

In Doors.NET for all products

- Doors.NET has been upgraded to support Microsoft's .NET 4.6.2 Framework software. This allows Doors.NET to take advantage of improvements and new features Microsoft has made to the .NET framework software and to the development tools in support of the .NET framework software. Should your system not already have .NET Framework v4.6.2, the Doors.NET installer will perform this installation. A system reboot might be required following the .NET Framework installation. The Doors.NET software installation will resume following the system reboot.

Specific to PXL-LC Controllers (Elevator Control)

- An identification code correction has been made for PXL-LC (Elevator Control) controllers that prevented a second door from being recognized when a Satellite Board was added.

Specific to Entraguard Controllers

- Corrected an issue involving Entraguard database upgrades from Doors32 to Doors.NET that would result in an incorrect database configuration when the upgrade involved Entraguard installations where the customer is using only Entraguard IDs (no physical cardholders).

### 2.1 Known Issues

Specific to Doors.NET Software

- Doors.NET software installation may fail if a Windows Update is in progress or a computer restart (due to a Windows Update) is pending. Please make sure that all Windows Updates are completed prior to Installing Doors.NET.

### 2.2 Current Firmware Revisions

For NXT Controllers and Peripherals:

- Standard NXT Controllers - 2.05.68
- NXT Readers - 4.00.03 for NXT for combined NXT and 125 kHz HID capability
  - 4.00.00 for NXT capability only
  - 4.00.01 for 125 kHz HID capability only
- Standard Reader Interface Modules (RIMs) - 3.03.21
- Wiegand-Only Reader Interface Modules (RIMs)
  - 3.03.21 provides single-line LED support for Wiegand-Only RIMs
  - 3.03.10 provides dual-line LED support for Wiegand-Only RIMs
- 4x4 I/O Modules - 3.00.03
- GIOX Motherboard - 1.00.21
- GIOX Input Module - 1.00.10
- GIOX Output Module - 1.00.10

For PXL:

- Standard PXL Controllers - 8.6.09
- Legacy PXL Controllers - 8.5.22  
(requires a Legacy license for operation - minimum allowable firmware revision is 8.4.49)

For Entraguard:

- Standard Titanium and Silver - 7.8.02
- Legacy Titanium and Silver - 7.6.13 (requires a Legacy license for operation)
- Standard Platinum - 9.2.02
- Legacy Platinum - 9.1.09 (requires a Legacy license for operation)

For Mercury Powered NXT controllers and Mercury Hardware:

- MSC Controllers and Mercury Hardware - 1.235

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### 2.3 Translations

#### 2.3.1 Available Translations:

- Polish
- Russian
- Slovenian
- Spanish (Castilian)
- Turkish

#### 2.3.2 Translations Pending Updates \*:

- Arabic (UAE)
- Chinese (Simplified)
- Chinese (Traditional/Taiwan)
- French (France)

\* These translation file sets are not yet complete pending submissions from our translators. If you use these translations you will find mislabeled and/or non-translated ribbon and menu fields in some sections of the program. Non-translated fields will be displayed in US English.

### 3.0 Contact Keri Systems

<b>Keri USA</b>	<b>Keri UK, Ireland, Europe</b>
2305 Bering Drive San Jose, CA 95131	Unit 17 Park Farm Industrial Estate Ermine Street Buntingford Herts SG9 9AZ UK
Telephone: (800) 260-5265 (408) 435-8400	Telephone: + 44 (0) 1763 273 243
Fax: (408) 577-1792	Fax: + 44 (0) 1763 274 106
Web: <a href="http://www.kerisys.com">www.kerisys.com</a>	Web: <a href="http://www.kerisystems.co.uk">www.kerisystems.co.uk</a>
E-mail: <a href="mailto:sales@kerisys.com">sales@kerisys.com</a> <a href="mailto:techsupport@kerisys.com">techsupport@kerisys.com</a>	E-mail: <a href="mailto:sales@kerisystems.co.uk">sales@kerisystems.co.uk</a> <a href="mailto:tech-support@kerisystems.co.uk">tech-support@kerisystems.co.uk</a>

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