-Intermec⁻

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SmartSystems Foundation

Installation Guide

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SmartSystems Foundation Installation Guide

SmartSystems[™] Foundation gives you a consistent and centralized platform so that you can easily manage and monitor your deployed Intermec devices, such as mobile computers, printers, RFID readers, and other peripheral and network devices.

Use this guide to help you install this software:

- SmartSystems Foundation
- ScanNGo
- Remote Viewer
- Software Bundle Wizard
- Reporting Services

Installation Requirements

This section explains the minimum hardware, software, and port requirements for SmartSystems.

Hardware Requirements

Your PC needs to have a:

- 2 GHz or faster processor
- 4 GB RAM

Software Requirements

Your PC needs to have:

- One of the following operating systems:
 - Windows 7 Professional, Enterprise, or Ultimate (32 or 64-bit)
 - Windows 8.1
 - Windows Server 2008 Enterprise
 - Windows Server 2008 R2 with SP1

- Windows 10 (32 or 64-bit)
- Windows Server 2012
- Windows Server 2016
- Microsoft SQL Server 2008 R2
- Microsoft SQL Server 2012
- Microsoft SQL Server 2014 SP2
- Microsoft SQL Server 2016 SP1
- Microsoft Internet Explorer 6.01 SP1 or later
- Microsoft Windows Mobile Device Center
- Microsoft .NET Framework 3.5 and 4 (full install)
- Windows Powershell 1.0
- Windows Installer 4.5

Note: Cisco Discovery is not supported on 64-bit operating systems.

UDP and TCP Port Definitions

The ports used in SmartSystems are all inbound ports. Use the following table to help you identify what UDP and TCP ports are used by SmartSystems.

UDP and TCP Port Descriptions

Port	Protocol	Description
UDP	161	Required for SNMP.
UDP	162	Required for the Trap port.
UDP	197	Required for the Upgrade Server.
UDP	1434	Required for SQL Database Discovery.
UDP	1758-1768	Required for Multicast File Transfer

UDP	8791	Required for the Upgrade Process.
UDP	8792	Required for the Upgrade Monitor Online Status.
UDP	49111	Required for IQueue Discovery.
UDP	52316	Required for the Remote Viewer.
TCP	1901	Required for the Remote Viewer.
ТСР	49152-65535	Required for Remote Viewer.
TCP	8789	Required for HTTP.
ТСР	27000-27009	Required for the License Server.
TCP	62241	Required for IQueue Messaging.

Download SQL Server

Intermec recommends you download one of the following SQL Server versions:

- <u>SQL Server 2008 R2 Express with Advanced Services</u>
- <u>SQL Server 2012 Express with Advanced Services</u>
- <u>SQL Server 2014 Express with Advanced Services</u>
- SQL Server 2016 Express with Advanced Services

Install .NET Framework 3.5

Before you install SmartSystems, make sure .NET Framework 3.5 is installed. If it is not installed, go to <u>www.microsoft.com</u> to download it. If you are using Windows Server 2012 or Windows 10 or Windows server 2016 .NET Framework 3.5 is already installed, but you need to enable it.

To enable .NET Framework 3.5 on Windows 7

1. Go to "Control Panel" >> type "Features on" in the search box.



2. Select "Program and Features" >> Enable .NET Framework 3.5.1



3. Click "OK". Reboot if necessary.

To enable .NET Framework 3.5 on Windows 8.1

1. Go to "Control Panel" >> type "Features on" in the search box.



2. Select "Program and Features" >> Enable .NET Framework 3.5

🖾 Windows Features – 🗖	×
Turn Windows features on or off	0
To turn a feature on, select its check box. To turn a feature off, clea check box. A filled box means that only part of the feature is turne	ar its d on.
INET Framework 3.5 (includes .NET 2.0 and 3.0)	^
Windows Communication Foundation HTTP Activation	tion
Windows Communication Foundation Non-HTTP A	ctiva
Image:	
Active Directory Lightweight Directory Services	
🗉 💷 Hyper-V	
✓ Internet Explorer 11	
🗉 🔳 Internet Information Services	
Internet Information Services Hostable Web Core	
🗉 🗔 🚹 Legacy Components	
🗉 🗹 🚡 Media Features	¥
<	>
ОК Са	ncel

3. Click "OK" and Reboot if necessary.

To enable .NET Framework 3.5 on Windows 10

1. Press the Windows key ■ on your keyboard, type Windows Features, and press Enter. This brings up the Turn Windows features on or off dialog box.



2. Select the .NET Framework 3.5 (includes .NET 2.0 and 3.0) check box, press OK, follow the displayed instructions, and reboot your computer if prompted.



To enable .NET Framework 3.5 on Windows Server 2012, Windows Server 2016



1 In the Server Manager, select Add roles and features.

2 Click Next until you reach Features and select .NET Framework 3.5 Features (Installed).

3 Follow the on-screen instructions to install .NET Framework 3.5.

SmartSystems Installation Types

There are two ways to install SmartSystems:

- Install SmartSystems on a local database. For more information, see the next section.
- Install SmartSystems on a remote database. For more information, see "Install SmartSystems On a Remote Database" on page 43.

Install SmartSystems On a Local Database

When you install SmartSystems on a local database, you install SmartSystems and SQL Server on the same PC. To do this, you must:

- install SQL Server 2008 or SQL Server 2012 or SQL Server 2014 or SQL server 2016 on a local PC.
- install SmartSystems on a local PC.

Install SQL Server 2008 On a Local PC

1 Download and run the SQL Server .exe file.

2 From the navigation menu, select Installation.



- **3** Select New installation or add features to an existing installation.
- **4** If any setup support rules do not pass, correct the failure and click **Re-run**.

Setup Support Rules Setup Support Rules identify prob before Setup can continue.	lens that might occur when you install SQL Server Setup support files. Failures n	ust be corrected
Setup Support Rules	Operation completed. Passed: 9. Failed 0. Warning 1. Skipped L.	
License Terms	(**************************************	
uorise temis Fisikure Selection Instalation Rules Instance Configuration Dick Space Requirements Server Configuration	Hide details < < View detailed report	Re-ru
Disk Space Requirements Server Conflor anthro	Rul Rule	Status
Natabase Engine Configuration	Fusion Active Template Library (ATL)	Bassed
leporting Services Configuration	Unsupported SQL Server products	Passed
Error Reporting	Performance counter registry hive consistency	Bassed
natallation Configuration Rules	Previous releases of SQL Server 2008 Business Ditelligence Develop	Passed
nstallation Progress Toxolete	Previous CTP installation	Ressed
	Consistency validation for SQL Server registry keys	Rassed
	Computer domain controller	Bassed
	Microsoft JNET Application Security	Not applicable
	Edition WOW64 platform	Passed
	Windows PowerShell	Rassed
	🔥 Windows Feewall	Warning

5 When all the rules are checked, click Next.

6 Read the license terms, and select I accept the license terms.

License Terms	
Τα install SQL Server 2008 R2, γο	u must accept the Nionsoft Seftware License Tenus.
Shup Support Ruke License Terme Peature Selection Indence Dor-Figuration Dok-Space Requirements Serve Configuration Deablese Engine Configuration Reporting Services Configuration Intellation Configuration Rules Intellation Configuration Rules	MICROSOFT SQL SERVER 2009 R2 EXPRESS WITH TOOLS MICROSOFT SQL SERVER 2009 R2 EXPRESS WITH TOOLS MICROSOFT SQL SERVER 2009 R2 EXPRESS WITH ADVANCED SERVICES These license terms are an agreement between Microsoft Corporation (or based on where you lice, one of its afflixed) and son. Prease reader Microsoft Corporation to the ordeware named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft updates, updates, updates,
Complete	Internet-based services, and encode services.
	Copy Prez
	I accept the lowse terms. Grant feature usage data indices information about your hardware Configuration and how your use SQS Server and its companyors. Sae the Mercody SQS, Server 2008;62 Procey Statement for none information.
	< Back Next > Cancel Help

7 Click Next.

8 Select Database Engine Services.



- **9** If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.
- 10 Click Next.
- 11 Select Named instance and type Intermec2008.



n)) for the instance of SQL Sei	ver. Instance ID be	comes part of the insta	lation path.	
O Default instance	[Intermec2	008		
Instance ID: Instance root director	Internec2 y: C:(Program	006 n Miles'/Microsoft SQL Sr	aver(
SQL Server directorys Reporting Services de Installed instances	Cr)Program ectory: Cr)Program	n Alles) Marcsoft SQL S n Filles) Marcsoft SQL S	erver)/MSSQL10_50.Inte erver)/MSR510_50.Inter	mmec2008 mec2008
Instance Name	Instance 1D	Features	Edition	Version
	If or the instance of SQL Sec Obfault instance Obfault instance Ohfault instance Instance 3D: Instance 3D: Instance 3D: Instance 3D: Instance 3D: Instance SI: SQL Server directorys SQL Server directorys SQL Server directorys Instance Name	I) For the instance of SQL Server. Instance ID be ODFault instance I) Teamed instance: Instance ID: II: Instance ID: II: II: II: II: II: II: II: II: II:	If the instance of SQL Server. Instance ID becomes part of the nota Outward instance Instance ID: Instance I	

12 Click Next.

13 For the SQL Database Engine, select **NT AUTHORITY**\ **NETWORK SERVICE** as the Account Name.

Note: Intermec recommends that you select this account name so that you can use the default authentication settings. For more information about Service Accounts for SQL Server services, click **Help**.

Or, if the computer is in a work group or not on a domain, select **NT AUTHORITY\SYSTEM**.



14 Click Next.

15 Select Windows authentication mode.

Specify Database Engine authentic	tion security mode, administrators and data directories.	
Ship Stoot Fulses Loone Toms Prevue Selection Installation Rules Installation Rules Installation Rules Reporting Services Configuration Reporting Services Configuration Tract Autors Configuration Tract Autors Configuration Tractation Configuration Rules Installation Configuration Rules Installation Configuration Rules Installation Configuration Configuration Configuration Rules	Account: Providening Data Electories PriLESTREAM Specify the authentication mode and administrators for II Authentication Mode Windows extinentication mode Mindwide electronic	ne Dotabase Engine. authenboation) rator (sa) account. SQL Server administrators have uncentrated access to the Dotabase Engine.

- 16 To add yourself as an administrator click Add Current User.
- 17 (Optional) Add more SQL Server Administrators:
 - a Click Add.



- **b** In the **Enter the object name to select** text box, type a user name.
- c Click OK.
- d Click Next.

18 If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install, but do not configure the report server**, and then click **Next**.



19 Install SmartSystems. For more information, see **"Install SmartSystems On a Local PC" on page 40**.

Install SQL Server 2012 On a Local PC

- 1 Download and run the SQL Server .exe file.
- **2** From the navigation menu, select **Installation**.



- **3** Select New installation or add features to an existing installation.
- **4** If any setup support rules do not pass, correct the failure and click **Re-run**.



5 When all the rules are checked, click **Next**.

6 Read the license terms, and select **I accept the license terms**.

To install SQL Server 2012, you	must accept the Microsoft Software License Terms.
Setup Support Rules License Terms Feature Selection Installation Rules Instance Configuration Dick Space Requirements Server Configuration Server Configuration Reporting Services Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	HICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SOL SERVER 2012 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affalaets) and you lesse read them. They apply to the offware named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft updates, supplements, Intermet-based services, and winnort services Gopy Pri Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and is components. See the Microsoft SQL Server 2012 Privacy Statement for more information.

7 Click Next.

8 Select Database Engine Services.

Feature Selection Select the Express features to in	stall.					
Setup Support Rules License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Sarvices Configuration	Features: Instance Features Otabase Engine Service Service Stance Replace Reporting Services - Na Shared Features SQL Server Data Tools Occumentation Compo- Management Tools - B	es on title Extractions for Search tive onents seic	Feature desc LocalDB is a Server Expre same progra demand and Prerequisites	ription: lightweight versi so Database Engir ammability featur d runs in user mo- for selected featur allect	on of the SQL in that has the res, yet starts on de. ures:	
Error Reporting Installation Configuration Rules Installation Progress Complete	Local08 Redistributable Features	SUK	Microsol Window Microsol Microsol Microsol	ft .NET Framewor is PowerShell 2.0 ft .NET Framewor ft Visual Studio 20 ft Visual Studio To m	ik 4.0 ik 3.5 010 Shell ools for Applica	tio
	Select All Unselect All					
	Shared feature directory: Shared feature directory (x86)	Ci\Program Files(Micros	oft SQL Server ficrosoft SQL S	erver\		

9 If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.

10 Click Next.

11 Select Named instance and type Intermec2012.

SQL Server 2012 Setup Instance Configuration Specify the name and instance	n eID for the instance of SQL Serve	er: Instance ID becomes part of	the installation path.	
Setup Support Rules License Terms Festure Selection Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Ener Reporting Services Configuration Error Reporting Installation Configuration Rules: Installation Progress	 Default instance Named instance: 	INTERMEC2012		
	Instance ID: Instance root directory:	INTERMEC2012 C:\Program Files\Microsoft SI	QL Server\	
	SQL Server directory: Reporting Services directory: Installed instances	CI\Program Files\Microsoft SC CI\Program Files\Microsoft SC	2L Server/MSSQL11.3N 2L Server/MSRS11.8NTE	TERMEC2012 RMEC2012
Complete	Instance Name Instar	nce ID Features	Edition	Version
		s Back	Next > Car	Help

12 Click Next.

13 When the Server Configuration screen appears, click **Next**.

Setup Support Rules License Terms	Service Accounts Collation				
Feature Selection	Microsoft recommends that you use	a separate account for each	SQL Server serv	Ke.	
Installation Kules	SOI Server Databace Ferring	NT Service) MISSON GINT	Password	Automatic	-
Disk Snace Requirements	SOL Server Reporting Services	NT Service\ReportServer		Automatic	
Server Configuration	SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual	-
Database Engine Configuration	SQL Server Browser	NT AUTHORITY/LOCAL		Disabled	-
Installation Configuration Rules Installation Progress Complete					

14 Select Windows authentication mode.

Specify Database Engine authe	guration security mode, administrators and data directories.	
Setup Support Rules License Terms Feature Selection Installation Rules Instance Configuration Dela Space Requirements Servic Configuration Database Engine Configuration Reporting Services Configuration From Reporting Installation Configuration Rules Installation Progress Complete	Server Configuration Data Directories User Instances FILESTR Specify the authentication mode and administrators for the Dat Authentication Mode Windows authentication mode Mixed Mode (SQL Server authentication and Windows authen Specify the password for the SQL Server system administrator (s Enter password: Confirm password: Specify SQL Server administrators	IEBM
	CORPAENNew (Wu, Kwn TJ) Add Current User Add	SQL Server administrators have unrestricted access to the Database Engine.

15 To add yourself as an administrator click Add Current User.

16 Click Advanced.

- 17 Click **Find Now**. The search results appear at the bottom of the screen.
- **18** Select **SYSTEM** from the list of users, and click **OK**. SYSTEM is added to the list of SQL Server Administrators.
- 19 (Optional) Add more SQL Server Administrators:
 - a Click Add.

elect Users or Groups	
Select this object type:	
Users, Groups, or Built-in security principa	biect Types
From this location:	
SNH66F3H1	Locations
Enter the object names to select (example	d:
	Check Names
Advanced.	OK Cancel

b In the **Enter the object name to select** text box, type a user name.

c Click OK.

d Click Next.

20 If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install only**, and then click **Next**.



21 When the Error Reporting screen appears, click Next.
22 Install SmartSystems.For more information, see "Install SmartSystems On a Local PC" on page 40.

Install SQL Server 2014 On a Local PC

1 Download and run the SQL Server .exe file.

2 From the navigation menu, select **Installation**.



3 Select New SQL server stand-alone installation or add features to an existing installation.

4 Read the license terms, and select I accept the license terms.



5 Click Next.

6 If any setup support rules do not pass, correct the failure and click **Re-run**.



7 When all the rules are checked, click Next.

8 Select "SQL Server Feature Installation" and Click Next



9 Select Database Engine Services.



10 If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.

11 Click Next.

12 Select Named instance and type Intermec2014.



13 Click Next.

14 When the Server Configuration screen appears, click Next.

50L Server 2014 Setup Server Configuration	_	_			_ [
Specify the service accounts and co	ollation configuration.				
Product Key License Terms Global Rules	Service Accounts	eparate account for each SQL Se	rver service.		
Microsoft Update	Service	Account Name	Password	Startup Type	
roduct updates	SQL Server Agent	INT Service(SQLAgent\$INT		Manual	-
istali petup nies Instali Rules	SQL Server Database Engine	INT Service (#ISSQL\$INTER		Automatic	-
etun Role	SQL Server Reporting Services	NT Service (ReportServer\$		Automatic	-
eature Selection	SQL Full-text Hilter Daemon Launcher	NT Service(MSSQLEDLaun		Manual	_
eature Rules	SQL Server Browser	NT AUTHORITY\NetworkS		Automatic	•
ieature Configuration Rules leady to Install nastalation Progress :omplete					
		< <u>B</u> ack	Next >	Cancel Hel	D

15 Select Windows authentication mode.

Specify Database Engine authentication Product Key License Terms Global Rules Microsoft Update Product Updates	n security mode, administrators and data directories. inver Configuration Data Directories FILESTREAM Specify the authentication mode and administrators for the	
Product Key s License Terms Gobal Rules Microsoft Update Product Updates	erver Configuration Data Directories FILESTREAM	
Initial Selap Files Initial Rules Setup Role Feature Selection Feature Selection Feature Rules Every Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Feature Configuration Rules Ready to Instal Initialation Progress Complete	Add Budden Hole	authentication) trator (sa) account. SQL Server administrators have unrestricted access to the Distabase Engine.

- 16 To add yourself as an administrator click Add Current User.17 Click Add
- 18 Click Advanced.
- **19** Click **Find Now**. The search results appear at the bottom of the screen.
- **20** Select **SYSTEM** from the list of users, and click **OK**. SYSTEM is added to the list of SQL Server Administrators.

Select Users, Computers, Service Accounts, or Groups	<u>? ×</u>
Select this object type:	
Users, Service Accounts, Groups, or Built-in security principals	Object Types
From this location:	
Entire Directory	Locations
Enter the object names to select (<u>examples</u>):	
SYSTEM	Check Names
Advanced OK	Cancel

Database Engine Conf	iguration	
Specify Database Engine authent Product Key License Terms diabal Rules Merosoft Updates Install Setup Files Install Setup Files Engluse Selection Feature Selection Server Configuration Server Configuration Readyse Services Configuration Readyse Services Configuration Readyse Configuration Feature Configuration Readyse Tostall Instalation Progress Complete	cation security mode, administrators and data directories. Server Configuration Data Directories Specify the authentication mode FILESTREAM Children Mode Children Mode Specify the password for the SQL Server system administrator (street password) Children Mode Specify SQL Server administrators PACRIM (ps) (ps) (ps) (ps) (ps) (ps) (ps) (ps)	base Engine. isation) a) account. SQL Server administrators have unrestricted access to the Database Engine.

21 (Optional) Add more SQL Server Administrators:

a Click Add.

Select Users, Computers, Service Accounts, or Groups	? ×
Select this object type:	
Users, Service Accounts, Groups, or Built-in security principals	Object Types
Erom this location:	
Entire Directory	Locations
Enter the object names to select (examples):	
	Check Names
Advanced OK	Cancel

b In the Enter the object name to select text box, type a user name.
c Click OK.
d Click Next.

22 If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install only**, and then click **Next**.

🊼 SQL Server 2014 Setup		_ 🗆 🗙
Reporting Services Co	nfiguration	
Specify the Reporting Services co	nfiguration mode.	
Product Key	Reporting Services Native Mode	
License Terms	C Install and configure.	
Global Rules	Installs and configures the report server in native mode. The report server is operational after setup	
Microsoft Update	compleces.	
Product Updates	 Install only. 	
Install Setup Files	Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server for native mode.	
Install Rules		
Setup Role	Reporting Services SharePoint Integrated Mode	
Feature Selection	C Ingellionly.	
Feature Rules	Installs the report server files. After installation use SharePoint Central Administration to complete the	
Instance Configuration	Server Reporting Services service application. For more information, click Help.	
Server Configuration		
Database Engine Configuration		
Reporting Services Configura		
Feature Configuration Rules		
Ready to Install		
Installation Progress		
Complete		
	< Back Next > Cancel	Help

23 When the Ready to install screen appears, click Next.

24 Install SmartSystems. For help, refer "Install SmartSystems On a Local PC" on page 40.

Install SQL Server 2016 On a Local PC

1 Download and run the SQL Server .exe file.

2 From the navigation menu, select **Installation**.

髋 SQL Server Installation Center		- 0	Х
Planning Installation	ŧ	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2016 in a non-clustered environment or to add features to an existing SQL Server 2016 instance.	^
Maintenance Tools Resources Advanced	• • • • • ≫	Install SQL Server Management Tools Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShel provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.	
Options	K	Install SQL Server Data Tools Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studic integration including project system support for Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT. New SQL Server failover cluster installation Launch a wizard to install a single-node SQL Server 2016 failover cluster.	
	¥۳	Add node to a SQL Server failover cluster	
	1	Upgrade from a previous version of SQL Server Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2016.	
	ţ	New R Server (Standalone) installation Launch a wizard to install R Server (Standalone) on a Windows machine. This is typically used by data scientists as a standalone analysis server or as a SQL Server R Services client.	
Microsoft" SQL Server" 2016			~

3 Select New SQL server stand-alone installation or add features to an existing installation.

4 Read the license terms, and select **I accept the license terms**.



5 Click Next.

6 If any setup support rules do not pass, correct the failure and click **Re-run**.



7 When all the rules are checked, click **Next**.

SQL Server 2016 Setup Feature Selection Select the Evaluation features to	o install.	×
Product Key License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Rules Instance Configuration Server Configuration Otabase Engine Configuration Reporting Services Configuration Reporting Services Configuration Ready to Install Installation Progress Complete	Edatures: Instance Features Qatabase Engine Services QSUS Service Replication R Services (In-Database) Guilty Services Data Quality Services Natures Reporting Services - Mative Shared Features Reporting Services - SharePoint Reporting Services - SharePoint Reporting Services - SharePoint Reporting Services - SharePoint Client Tools Concentivity Lintegration Services Quality Client Client Tools SDK Documentation Components Distributed Benlaw Controller Select All Instance pot directory: Shared feature directory (2g86): CLiProgram Files/W	Feature description: Includes SQL Server Native Client (ODBC / OLE DB) SDS for database application development. Prerequisites for selected features: Already installed:
		< <u>B</u> ack Next > Cancel

8 Select Database Engine Services.

9 If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.

10 Click Next.

11 Select Named instance and type Intermec2016.

🃸 SQL Server 2016 Setup					-		×
Instance Configuration Specify the name and instance	ID for the instance of SQL	L Server. Instance ID I	becomes part of the i	installation path.			
Product Key License Terms Global Rules Microsoft Update Install Stup Files Install Rules Feature Rules Instance Configuration Server Configuration Reporting Services Configuration Reporting Services Configuration Reporting Services Configuration Ready to Install Installation Progress Complete	 <u>D</u>efault instance Named instance: 	INTERMEC20	16				
	Instance <u>I</u> D:	INTERMEC20	16				
	SQL Server directory: Reporting Services direct Installed instances:	C:\Program F ctory: C:\Program F	iles\Microsoft SQL Se iles\Microsoft SQL Se	erver\MSSQL13.INTER erver\MSRS13.INTERN	MEC201	16 5	
	Instance Name	Instance ID	Features	Edition	Ver	rsion	
			< [<u>N</u> ext >		Cance	

12 Click Next.

13 When the Server Configuration screen appears, click **Next**.
髋 SQL Server 2016 Setup				- (×
Server Configuration						
Specify the service accounts and	d collation configuration.					
Product Key	Service Accounts Collation					
Global Rules	Microsoft recommends that you use	a separate account for each	SQL Server serv	ice.		
Microsoft Update	Service	Account Name	Password	Startup T	ype	1
Install Setup Files	SQL Server Agent	NT Service\SQLAgent\$I		Manual	~	I.
Install Rules	SQL Server Database Engine	NT Service\MSSQL\$INTE		Automati	c ~	1
Feature Selection	SQL Server Reporting Services	NT Service\ReportServer		Automati	c ~	
Feature Rules	SQL Full-text Filter Daemon Launc	NT Service\MSSQLFDLa		Manual		
Instance Configuration	SQL Server Browser	NT AUTHORITY\LOCAL		Automati	c ~	
Database Engine Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Grant Perform Volume Maintenar This privilege enables instant file to information disclosure by allow <u>Click here for details</u>	nce Task privilege to SQL Sen initialization by avoiding zero	ver Database En oing of data pag cessed.	gine Service ges. This may l	ead	
		< <u>B</u> ack	(<u>N</u> ex	t> (ancel	

14 Select Windows authentication mode.

Database Engine Confi	guration			
Specify Database Engine autore Product Key License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Matchine security mode, administrator, data directories and remp08 settings Server Configuration Data Directories Temp08 FILESTREAM Specify the authentication mode and administrators for the Database Eng Authentication Mode Mindows authentication mode Mindows authentication mode Mindows authentication mode Mindows authentication mode Specify the password for the SQL Server system administrator (sa) account Enter password: Specify SQL Server administrators IFIERABURAN IFIERABURAN Add Current User Add	sQL Server have unrest to the Datal	administrate ricted acces Fogine	5 5

- 15 To add yourself as an administrator click Add Current User.16 Click Add
- 17 Click Advanced.
- **18** Click **Find Now**. The search results appear at the bottom of the screen.
- **19** Select **SYSTEM** from the list of users, and click **OK**. SYSTEM is added to the list of SQL Server Administrators.

Users, Groups, or Buil	t-in security principa	als		Object Types
From this location:				
DESKTOP-CUF925C				Locations
Enter the object name	s to select (example	es):		
SYSTEM				Check Names
<u>A</u> dvanced			ОК	Cancel
SQL Server 2016 Setup				- 0
Specify Database Engine auther	ntication security mode, admin	istrators, data directories and Tem	pDB settings.	
Specify Database Engine auther moduct Key icense Tems bioloal Rules Kicrosoft Update Account Update acture Software statil Rules eature Software statil Rules eature Software statil Rules eature Software statil Rules eature Software statil Rules eature Software eature Software eature Configuration Rules eady to install statilation Progres employee	Interation security mode, admin Server Configuration Data Specify the authentication Authentication Mode —	sizzators, data directories and Tem Directories : TempD8 FRESTREA mode and administrators for the n mode er authentication and Windows au he SGL Server system administrato sizzators (SYSTEM)	pDB settings. M Database Engi thentication) r (sa) account	ne.

20 (Optional) Add more SQL Server Administrators:

a Click Add.

Select this object type:	
Users, Groups, or Built-in security principals	Object Types
From this location:	
DESKTOP-CUF925C	Locations
	-
Enter the object names to select (<u>examples</u>):	
Enter the object names to select (<u>examples</u>):	 Check Name
Enter the object names to select (<u>examples</u>):	Check Name
Enter the object names to select (<u>examples</u>):	 Check Name

- b In the Enter the object name to select text box, type a user name.
 c Click OK.
 d Click Next.
- **21** If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install only**, and then click **Next**.



22 When the Ready to install screen appears, click Next.23 Install SmartSystems. For help, see the next section

Install SmartSystems On a Local PC

1 Download SmartSystems from the Intermec by Honeywell website at <u>https://hsmftp.honeywell.com/</u>

Navigate to the following folder to find the binaries and supporting documents.

Software >> Software and Tools >> Device Management>> SmartSystems Foundation >> Console-Server Software>>

Refer below screenshot for more information.

j Software	File name	Action	
Barcode Scanners Computer Devices Devices Devices Brite Brite Brite Brite Device Management	00002442_SmartSystemsFoundationInstalLexe Released: October 11, 2014 Smart Systems Foundation ver 4.90.00.121 SmartSystems 4.90 adds support for CV31 computer and PD43 printer. Requires. Windows XP, Windows 7, Windows 8, Windows Server 2003, 2008, 2008 R2, or Windows Server 2012. SQL Server 2008 or 2012. Review Release Notes before installing	, ∐, Downtoad	Ð
SmartSystems Foundation	00002503_SmartSystemsScantoConnectInstalLexe		Ø
DEX	SmartSystems_Foundation_4_90_Release_Notes.pdf Smart Systems 4.90 Release Notes	J. Download	ð
↓- J Mobility Management	SmartSystemsBundleToolInstalLexe	J Download	Ø
↓ Remote Mastermind SIP Designer TM1 - Telnet Session Manager TNSIM	SmartSystemsRemoteConnectionSetup.exe	Uownload	ð
🖕 🛄 VKCreator			

- **2** Make sure Microsoft .NET Framework 3.5 is installed.
- **3** Double-click the SmartSystems .exe file. The SmartSystems Installer checks to see if you have Microsoft .NET Framework 4.0 installed. If it is not installed, follow the prompts to install .NET Framework 4.0.



Note: If you installed .NET Framework 4 as part of Windows Update you may have downloaded a subset of the full installation. If that is the case, SmartSystems prompts you to download and install the full version of .NET Framework 4.0.

4 In the drop-down list, select the database server that you created, or click **Browse** to see a list of available databases.

🖉 Database Instance Selection	
Please select a database instance:	
(local)\Intermec2008	×
Help	Ok Cancel

5 Click OK.

- **6** When the Precheck screen appears, the SmartSystems Installer runs system checks to determine if your PC meets the minimum requirements:
 - If there are any warnings, view the details. You can choose to skip or fix any warnings. For more information, see **"Troubleshoot Installation Problems" on page 81**.
 - If there are any errors, you must fix them before you can continue with the SmartSystems installation. For more information, see **"Troubleshoot Installation Problems" on page 81**.

After you have fixed your warnings and errors, click Next.

7 Select I accept the terms of the license agreement and click Next.



8 Select the installation destination and click Next. SmartSystems installs on your PC.

Note: Program Files (x86) is displayed in English, regardless of the language running on the operating system.

9 When the Software Bundle Wizard Installation screen appears, click **Next**.



10 When the Software Bundle Wizard is installed, click **Finish**.

11 Select Yes, I want to restart my computer now, and click Finish.

Install SmartSystems On a Remote Database

When you install SmartSystems on a remote database, you install SmartSystems on one PC, and SQL Server on another. When you do this, SmartSystems accesses SQL Server through your network to manage your devices.

- On the SQL Server PC:
 - install a SQL Server 2008 or 2012 or 2014 or 2016
 - configure SQL Server to accept remote connections.
- Install SmartSystems

If you have an existing installation of SQL Server, Intermec recommends you install a new instance of SQL Server according to this installation guide for SmartSystems to function remotely.



Note: Remote databases in a workgroup are not supported. You need to install and configure a SQL Server instance from a remote computer in the same domain as the computer you install SmartSystems Foundation on.

Install SQL Server 2008 On a Remote PC

- 1 Make sure that both PCs are in the same domain.
- **2** Download and run the SQL Server .exe file.
- **3** From the navigation menu, select **Installation**.



4 Select New installation or add features to an existing installation.

5 If any setup support rules do not pass, correct the failure and click **Rerun**.

Setup Support Rules Setup Support Rules identify pro before Setup can continue.	dense that might occur when you install SQL Server Setup support files. Falures e	sust be corrected
Setup Support Rules Liones Tenns Feature Selection Instalation Rules Instalation Configuration	Cperiation compared Possed 9. Folded 0. Warning 1. Stopped 1.	Re-rur
Disk Space Requirements Server Configuration	Rul Rule	Satus
Database Engine Configuration	Fusion Active Template Library (ATL)	Passed
Reporting Services Configuration	Unsupported SQL Server products	Eassed
Error Reporting Installation Continuetion Rules	Performance counter registry hive consistency	Passed
Installation Process	Previous releases of SQL Server 2008 Business Intelligence Develop	Rassed
Complete	Previous CTP Installation	Passed
	Consistency validation for SQL Server registry lays	Ressed
	Computer domain controller	Passed
	Microsoft .NET Application Security	Not applicable
	Edition WOW64 platform	Bassed
	Windows PowerShell	Passed
	🔥 Windows Pirewall	Warning

6 When all the rules are checked, click Next.

7 Read the license terms, and select I accept the license terms.



8 Click Next.9 Select Database Engine Services.

SQL Server 2008 R2 Setup		
Feature Selection Select the Express features to a	stal.	**************************************
Setup Support Rules	Featurest	Description:
Installator Type Utania Tarini Feature Selection Installator Rules Unit-Space Requirements Server Configuration Database Engine Configuration Error Reportion Installation Configuration Rules Installation Configuration Rules Installation Configuration Rules Installation Configuration Rules Installation Configuration Rules	Instance Factures Database Engine Services Database Engine Services Database Engine Services Database Services Descriptions	Sever failures are instance-source and have the convergence in the convergence in the convergence in the second se
	Select All Unselect All Shared feature deectory: Chillington Filedatora unit	SQL Servert

- **10** If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.
- 11 Click Next.
- **12** Select Named instance and type Intermec2008.

Instance Configuration Specify the name and instance ID) for the instance of SQL Serv	er. Instance ID bes	omes part of the insta	lation path.	
Setup Support Rules Uberse Terms Peature Selection	O Default instance Named instance:	Intermec2	108		
Instalation Refer Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Instalation Configuration Rules	Instance ID: Instance root directory	Intermec2 // Cil/Program	108 1 Miles' Microsoft SQL Sr	sver(
	SQL Server directorys Reporting Services dire Installed instancesi	C:\Program ectory: C:\Program	ı Alles)Marosoft SQL Sı ı Filles(Marosoft SQL Sı	erveri)M59QL10_50.Erke erveri)M5R510_50.Erke	ermec2008 mec2008
Complete	Instance Name	Instance ID	Features	Edition	Version
			< Badk	Next >	Cancel Help

13 Click Next.

14 For the SQL Database Engine, select NT AUTHORITY\ NETWORK SERVICE as the Account Name.



Note: Intermec recommends that you select this account name so that you can use the default authentication settings. For more information about Service Accounts for SQL Server services, click **Help**.

Or, if the computer is in a work group or not on a domain, select **NT AUTHORITY\SYSTEM**.

Server Configuration	ollation configuration.				
Setup Support Rules License Terms Peature Selection	Service Accounts Collation Microsoft recommends that you use	a separate account for each SQL	Server service.		
Installation Rules	Service	Account Name	Password	Startup Type	8
Instance Configuration	SQL Server Database Engine	NT AUTHORITY/NE TWOR	4	Automatic	×
Disk Space Requirements	SQL Server Reporting Services	NT AUTHORITVINETWOR		Automatic	~
Server Configuration	SQL Server Browser	NT AUTHORITVILOCAL S		Automatic	~
Complete					

15 Click Next.

16 Select Windows authentication mode.

Specify Database Engine authentice	tion security mode, administrators and data directories.	
Situp Support Rules Loone Torns Feature Selection Instellation Rules Instance Carlinguation Data Space Requirements Inter Carlinguation Beporting Services Configuration France Reporting Instalation Configuration Rules Instalation Configuration Rules Instalation	Account Provisioning Date Directores [FUESTREAM] Specify the extinentication mode and administrators for Authentication Made Windows authentication mode Minod Mode (SQ, Server authentication and Windo Specify the password Confirm password Confirm password Specify 3QL Server administrators	r the Dutabase Engine. vs autherboation) Istrator (sa) account.
ionplete	CCRENETINU IVU ree T.) Add Current User Add Remove	SQL Server administration have unreshipted access to the Catelbase Engine.

- 17 To add yourself as an administrator click Add Current User.
- 18 (Optional) Add more SQL Server Administrators:
 - a Click Add.



- b In the **Enter the object name to select** text box, type a user name.
- c Click OK.
- d Click Next.

19 If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install, but do not configure the report server**, and then click **Next**.



20 Configure SQL Server to accept remote connections. See "Configure SQL Server to Accept Remote Connections" on page 73.

Install SQL Server 2012 On a Remote PC

- 1 Make sure that both PCs are in the same domain.
- 2 Download and run the SQL Server .exe file.



3 From the navigation menu, select **Installation**.

- 4 Select New installation or add features to an existing installation.
- **5** If any setup support rules do not pass, correct the failure and click **Re-run**.



6 When all the rules are checked, click Next.

7 Read the license terms, and select I accept the license terms.



8 Click Next.

9 Select Database Engine Services.



10 If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.

11 Click Next.

12 Select Named instance and type Intermec2012.

📸 SQL Server 2012 Setup				
Instance Configuration Specify the name and instance	I ID for the instance of SQL Serve	er. Instance ID becon	nes part of the installatio	on path.
Setup Support Rules License Terms Feature Selection	 Default instance Named instance: 	INTERMEC2012		
Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress	Instance ID: Instance root directory:	INTERMEC2012 C:\Program Files\M	∕licrosoft SQL Server∖	
	SQL Server directory: Reporting Services directory: Installed instances:	C:\Program Files\N C:\Program Files\N	licrosoft SQL Server\MS licrosoft SQL Server\MS	SQL11.INTERMEC2012 RS11.INTERMEC2012
Complete	Instance Name Instan	ice ID Fea	tures Editio	on Version
		< Ba	ck Next >	Cancel Help

13 Click Next.

14 When the Server Configuration screen appears, click

😭 SQL Server 2012 Setup					>
Server Configuration Specify the service accounts and	collation configuration.				
Setup Support Rules License Terms Feature Selection Installation Rules	Service Accounts Collation Microsoft recommends that you use Service	a separate account for each Account Name	SQL Server serv Password	ice. Startup Type	
Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	SQL Server Database Engine SQL Server Reporting Services SQL Full-text Filter Daemon Launc SQL Server Browser	NT Service\MSSQLSINT NT Service\ReportServer NT Service\MSSQLFDLa NT AUTHORIT\/LOCAL		Automatic Automatic Manual Disabled	•
		Sack Next	> Can	cel He	lp

15 Select Windows authentication mode.

Specify Database Engine author	ntication security mode, administrators and data directories.	
Setup Support Rules License Terms Feature Selection Installation Mules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Orinfyruation Rules Installation Progress Complete	Server Configuration Data Directories User Instances PILESTREAM Specify the authentication mode and administrators for the Database I Authentication Mode B: Windows authentication mode O Mixed Mode (SQL Server authentication and Windows authenticatio Specify the password for the SQL Server system administrator (sa) acco Enter password Coeffirm password Specify SQL Server administrators COESTLENVey (W, KienT.)	n) unt.
	Add Current User Add. Remove	to the Database Engine.

- 16 To add yourself as an administrator click Add Current User.
- 17 Click Advanced.
- **18** Click **Find Now**. The search results appear at the bottom of the screen.
- **19** Select **NETWORK SERVICE** from the list of users, and click **OK**. NETWORK SERVICE is added to the list of SQL Server Administrators.
- 20 (Optional) Add more SQL Server Administrators:
 - a Click Add.

Select this object type:	
Users, Groups, or Built-in security princip	alt Object Types.
From this location:	
SNH66F3H1	Locations
Enter the object names to select (examp	<u>es</u>]:
	Check Name

- **b** In the **Enter the object name to select** text box, type a user name.
- c Click OK.
- d Click Next.
- **21** If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install only**, and then click **Next**.

👸 SQL Server 2012 Setup	
Reporting Services Co Specify the Reporting Services	nfiguration configuration mode
Setup Support Rules Installation Type License Terms Feature Safection Installation Rules Instance Configuration Duk Space Requirements Server Configuration Otabase Engine Configura Error Reporting Installation Progress Complete	Reporting Services Native Mode Install and configure. Install and configure. Installs and configure. Installs and configure. Installs and configure. Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server files. After installation, use Reporting Services Configuration Manager to configure the report server files. After installation use Reporting Services StarePoint Integrated Mode Installs the report server files. After installation use TaxePoint Configuration Manager to configure the report server files. After installation use TaxePoint Control Administration to complete the configuration. Verify the SQL Server Reporting Services service is started and cases a fleat one SQL Server Reporting Services service application. For more Information, clicit infig.
	< Back Next > Cancel Help

22 Configure SQL Server to accept remote connections. See "Configure SQL Server to Accept Remote Connections" on page 73.

Install SQL Server 2014 On a Remote PC (Remote DB PC)

- **1** Make sure that both PCs are in the same domain.
- **2** Download and run the SQL Server .exe file.

3 From the navigation menu, select **Installation**.



4 Select New installation or add features to an existing installation.

4 Read the license terms, and select I accept the license terms.



5 Click Next.

6 If any setup support rules do not pass, correct the failure and click **Re-run**.

🗱 SQL Server 2014 Setup Install Rules		_ _ X
Setup rules identify potential prob	lems that might occur while running Setup. Failures must be corrected before	Setup can continue.
Product Key License Terms Global Rules Microsoft Update Product Updates	Operation completed. Passed: 6. Failed 0. Warning 1. Skipped 0. Hide details << Yiew detailed report.	<u>R</u> e-run
Install Rules Setup Role Feature Selection Feature Configuration Rules Ready to Install Installation Progress Complete	Bute Ø Fusion Active Template Library (ATL) Ø Fusion Active Template Library (ATL) Ø Fusion Active Template Library (ATL) Ø Consistency validation for SQL Server registry løys © Computer domain controller Ø Morosoft AET Application Security Ø Morosoft AET Application Security Ø Morosoft AET Application Security Ø Morosoft SQL Server 2014 CTP1 is present.	Satus Passed Pas
	< <u>R</u> ack	Next > Cancel Help

7 When all the rules are checked, click Next.

8 Select "SQL Server Feature Installation" and Click Next



9 Select Database Engine Services.



10 If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.

11 Click Next.

12 Select Named instance and type Intermec2014.

😵 SQL Server 2014 Setup					
Instance Configuration Specify the name and instance ID	for the instance of SQL Serv	er. Instance ID becom	es part of the installatio	n path.	
Product Key License Terms Global Rules	Default instance Named instance:	INTERMEC2014			
Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Configuration	Instance ID:	INTERMEC2014			
	SQL Server directory: Analysis Services directory Reporting Services director Installed instances:	C:\Program Files\ : C:\Program Files\ ry: C:\Program Files\	Microsoft SQL Server(MS Microsoft SQL Server(MS Microsoft SQL Server(MS	ISQL12.INTERMEC2014 IAS12.INTERMEC2014 IRS12.INTERMEC2014	
Server Configuration Dubabase Enpres Configuration Analysis Services Configuration Reporting Services Configuration Peakure Configuration Rules Ready to Install Installation Progress Complete	Instance Name	Instance ID	Features	Edition	Version
			< <u>B</u> ack	Next > Cano	el Help

13 Click Next.

14 When the Server Configuration screen appears, click Next.

ilobal Rules	Microsoft recommends that you use a se			
		eparate account for each SQL Se	rver service.	
ficrosoft Update	Service	Account Name	Password	Startup Type
roduct Updates	SQL Server Agent	NT Service\SQLAgent\$INT		Manual
istall Setup Files	SQL Server Database Engine	NT Service\MSSQL\$INTER		Automatic
stall Rules	SQL Server Reporting Services	NT Service\ReportServer\$		Automatic
atup Role	SQL Full-text Filter Daemon Launcher	NT Service\MSSQLFDLaun		Manual
ature Selection	SQL Server Browser	NT AUTHORITY\NetworkS		Automatic
acture Configuration Rules ady to Install				
zaure conguration Rules eady to Install stallation Progress implete				

SmartSystems Foundation Installation Guide

15 Select Windows authentication mode.

SQL Server 2014 Setup Database Engine Confi	guration	الم
Specify Database Engine authenti	ation security mode, administrators and data directories.	
roduct Key Leenes Terms labal Rules Krosoft Lipdate roduct Updates and Stup Files etup Role eature Selection eature Selection eature Rules ratance Configuration	Server Configuration Data Directores FILESTREAM Specify the authentication mode and administrators for the Database Eng Authentication Mode © Windows authentication mode © Windows authentication mode © Windows authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) accound Enter password [Cognitin password [jne. nt
erver Configuration Vatabase Engine Configuration Indysis Services Configuration leporting Services Configuration readure Configuration Rules leady to Initial ready to Initial ready to Initial ready to Initial ready to Initial	Specky SQL Server administrators	SQL Server administrators have urrestricted access to the Database Engine.
	< <u>Back</u>	Next > Cancel Help

- 16 To add yourself as an administrator click Add Current User.
- 17 Click Advanced.
- **18** Click **Find Now**. The search results appear at the bottom of the screen.
- **19** Select **NETWORK SERVICE** from the list of users, and click **OK**. NETWORK SERVICE is added to the list of SQL Server Administrators.

Select Users, Computers, Service Accounts, or Groups	? ×
Select this object type:	
Users, Service Accounts, Groups, or Built-in security principals	Object Types
Erom this location:	
Entire Directory	Locations
Enter the object names to select (examples):	
NETWORK SERVICE	<u>C</u> heck Names
Advanced OK	Cancel

🍀 SQL Server 2014 Setup		_ 🗆 🗙
Database Engine Confi	guration	
Specify Database Engine authenti	ation security mode, administrators and data directories.	
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Rules Instance Configuration Peature Rules Instance Configuration Babase Engine Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Server Configuration Data Directories FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode C Windows authentication mode C Mixed Mode (SQL Server authentication and Windows authentication) Specify the password for the SQL Server system administrator (sa) account. Enter password:	; have
	<back next=""> Cancel</back>	Help

- 20 (Optional) Add more SQL Server Administrators:
 - a Click Add.



- **b** In the **Enter the object name to select** text box, type a user name.
- c Click OK.
- d Click Next.
- **21** If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install only**, and then click **Next**.

🕏 SQL Server 2014 Setup		_ 🗆 ×
Reporting Services Co Specify the Reporting Services co	nfiguration nfiguration mode.	
Product Key License Terms Global Rules Microsoft Update Product Updates Install Getup Files Install Getup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Asebase Engine Configuration Reporting Services Configura Feature Configuration Rules Ready to Install Installation Progress Complete	 Reporting Services Native Mode Install and configure. Installs and configures the report server in native mode. The report server is operational after setup completes. Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server for native mode. Reporting Services SharePoint Integrated Mode Cringal arXv. Installs the report server files. After installation, use SharePoint Cantral Administration to complete the configuration. Yerrly the SQL Server Reporting Services service is started and create at least one SQL Server Reporting Services service application. For more information, dick Help. 	
	< <u>Rack</u> Next > Cancel	Help

22 Configure SQL Server to accept remote connections. See "Configure SQL Server to Accept Remote Connections" on page 73.

Install SQL Server 2016 On a Remote PC (Remote DB PC)

- 1 Make sure that both PCs are in the same domain.
- **2** Download and run the SQL Server .exe file.
- **3** From the navigation menu, select **Installation**.



4 Select New SQL server stand-alone installation or add features to an existing installation.

5 Read the license terms, and select I accept the license terms.



6 Click Next.

7 If any setup support rules do not pass, correct the failure and click **Re-run**.



8 When all the rules are checked, click Next.9 Select Database Engine Services.

Feature Selection Select the Evaluation features to	install.		
Product Key License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Rules Instance Configuration Server Configuration Database Engine Configuration Reporting Services Configuration Reporting Services Configuration Ready to Install Installation Progress Complete	Eestures:	e) e Extractions for Sea e for External Data e Point for SharePoint Proc sompatibility ther C:\Program Files\Mic C:\Program Files\Mic C:\Program Files\Mic	Feature description:

10 If you are planning to use SmartSystems Reporting Services, select **Reporting Services**.

11 Click Next.

12 Select Named instance and type Intermec2016.

🃸 SQL Server 2016 Setup					-		\times
Instance Configuration Specify the name and instance	ID for the instance of SQL	Server. Instance ID b	becomes part of th	e installation path.			
Product Key License Terms Global Rules Microsoft Update	 <u>D</u>efault instance N<u>a</u>med instance: 	INTERMEC20	16				
Install Setup Files Install Rules	Instance <u>I</u> D:	INTERMEC20	16				
Feature Rules Instance Configuration Server Configuration Database Engine Configuration	SQL Server directory: Reporting Services direct	C:\Program Fi ory: C:\Program Fi	iles\Microsoft SQL iles\Microsoft SQL	Server\MSSQL13.IN Server\MSRS13.INTI	TERMEC20 ERMEC2016	16 5	
Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Instance Name In	nstance ID	Features	Edition	Ver	rsion	
				< <u>B</u> ack <u>N</u> e	xt >	Cancel	

13 Click Next.

14 When the Server Configuration screen appears, click Next.

髕 SQL Server 2016 Setup				- (כ	>
Server Configuration	d collation configuration.					
Product Key License Terms Global Rules Install Setup Files Install Setup Files Install Setup Files Feature Selection Feature Configuration Server Configuration Server Configuration Reporting Services Configuration Reporting Services Configuration Reporting Services Configuration Reature Configuration Rules Ready to Install Installation Progress Complete	Service Accounts Collation Microsoft recommends that you use Service SQL Server Database Engine SQL Server Database Engine SQL Server Reporting Services SQL Full-text Filter Daemon Launc SQL Server Browser Click there for Volume Maintenan This privilege enables instant file to information disclosure by allow Click here for details	a separate account for each Account Name NT Service/SQLAgenSI NT Service/ReportServer NT Service/ReportServer NT AUTHORITYLOCAL reask privilege to SQL Ser initialization by avoiding zero initialization by avoiding zero	SQL Server serv Password ver Database En bing of data pagessed.	ice. Startup 1 Automati Automati Automati automati gine Service ges. This may l	ype	
		< <u>B</u> aci	k <u>N</u> ex	t> (ancel	

15 Select Windows authentication mode.

Database Engine Confi	nuration				
Specify Database Engine auther	ntication security mode, administrators, data directories and TempDB settin	ngs.			
Product Key License Terms Global Nules Microsoft Update Install Setup Files Install Roles Feature Sules Feature Sules Feature Sules Instance Configuration Server Configuration Database Engine Configuration	Server Configuration Data Directories TempDB FILESTREAM Specify the authentication mode and administrators for the Database E Authentication Mode © Windows authentication mode O Mixed Mode (SQL Server authentication and Windows authenticatio Specify the password for the SQL Server system administrator (sa) accc Enter password: Cgnfirm password: Cgnfirm password:	Engine. on)			
Uztabase Engine Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Add Current User Add Bemove	SQL Set have up to the I	rver adn prestrict Jatabase	ninistrato ed access e Engine.	rs 5
	< <u>B</u> ack	<u>N</u> ext >		Cancel	I

- 16 To add yourself as an administrator click Add Current User.17 Click Add
- 18 Click Advanced.
- **19** Click **Find Now**. The search results appear at the bottom of the screen.
- **20** Select **NETWORK SERVICE** from the list of users, and click **OK**.NETWORK SERVICE is added to the list of SQL Server Administrators.

Select Users or Groups	Х
Select this object type: Users, Groups, or Built-in security principals	<u>O</u> bject Types
From this location:	
DESKTOP-CUF925C	Locations
Enter the object names to select (<u>examples</u>):	
NETWORK SERVICE	Check Names
Advanced OK	Cancel

Database Engine Conf	guration	
Specify Database Engine authe	- ntication security mode, administrators, data directories and TempD	B settings.
Product Key	Server Configuration Data Directories TempDB FILESTREAM	
License Terms Global Rules	Specify the authentication mode and administrators for the Da	tabase Engine.
Microsoft Update	Authentication Mode	
Install Setup Files	<u>W</u> indows authentication mode	
Install Rules	 Mixed Mode (SQL Server authentication and Windows authentication) 	entication)
Feature Selection		
Feature Rules	specify the password for the SQL Server system administrator (sa) account.
Server Configuration	Enter password:	
Database Engine Configuration	Confirm password:	
Reporting Services Configuration	Specify SQL Server administrators	
Feature Configuration Rules	[E1FLAB\ravi	SOL Server administra
Ready to Install	NT AUTHORITY\NETWORK SERVICE (NETWORK SERVICE)	have unrestricted acc
Installation Progress		to the Database Engir
Complete		
	Add <u>C</u> urrent User <u>A</u> dd <u>R</u> emove	

21 (Optional) Add more SQL Server Administrators:

a Click Add.

Select this object type:	
Users, Groups, or Built-in security principals	Object Types.
From this location:	
DESKTOP-CUF925C	Locations
DESKTOP-CUF925C Enter the object names to select (examples):	Locations
DESKTOP-CUF925C Enter the object names to select (<u>examples</u>):	Locations Check Names
DESKTOP-CUF925C	Locations

- b In the Enter the object name to select text box, type a user name.
 c Click OK.
 d Click Next.
- **22** If you selected Reporting Services, the Reporting Services Configuration screen appears. Select **Install only**, and then click **Next**.

髋 SQL Server 2016 Setup	-		×
Reporting Services Co Specify the Reporting Services	nfiguration configuration mode.		
Product Key License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Reporting Services Configura Feature Configuration Rules Ready to Install Installation Progress Complete	Reporting Services Native Mode Install and configure. Installs and configures the report server in native mode. The report server is operation setup completes. Installs the report server files. After installation, use Reporting Services Configuration to configure the report server for native mode. Reporting Services SharePoint Integrated Mode Installs the report server files. After installation use SharePoint Central Administration complete the configuration. Verify the SQL Server Reporting Services service is start create at least one SQL Server Reporting Services service application. For more inform click Help.	n to ed and mation,	
	< <u>B</u> ack <u>N</u> ext >	Cancel	

23 When the Ready to install screen appears, click Next.24 Install SmartSystems. For help, see the next section.
Configure SQL Server to Accept Remote Connections

1 On your SQL Server PC, select Start > Programs > Microsoft SQL Server 2008 or 2012 or 2014 or 2016 > Configuration Tools > SQL Server Configuration Manager.



- 2 Double-click SQL Server Network Configuration.
- 3 Select Protocols for Intermec2008 or 2012.or 2014 or 2016
- 4 Right-click TCP/IP and select Enable.

A cases	
Enabled	Yes
Keep Alive	30000
Listen All	Yes

5 Right-click TCP/IP and select Properties.

- 6 Select the IP Addresses tab.
- 7 Remove all values, including zeros, from TCP Dynamic Ports.
- 8 In the IPAll menu, set the TCP port to 60000.
- 9 Click OK to exit the TCP/IP Properties screen.
- 10 In the SQL Server Configuration Manager screen, double-click SQL Server Services.
- 11 Right-click SQL Server (Intermec 2008) or SQL Server (Intermec 2012), or SQL Server (Intermec 2014), or SQL Server (Intermec 2016), and select Restart.
- 12 Right-click SQL Server Browser and select Start.
- **13** If you have a firewall turned on, make sure you add port 60000 to your list of firewall exceptions.
- 14 Install SmartSystems. For help, see the next section.

Install SmartSystems In a Remote PC

- 1. Install SQL client in the PC where SmartSystems is need to be installed.
- Follow the same procedure which was explained in the section "Install SQL Server 2014 On a Remote PC" or "Install SQL Server 2016 On a Remote PC" to install the SQL server client except following "Shared features".

Note: No need to install any "Instance Features"

For SQL Server 2014 client:

SQL Server 2014 Setup Feature Selection Select the Evaluation features to	install.	_
Product Key License Terms Global Rules Microsoft Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Cenfiguration Rules Ready to Install Installation Progress Complete	Epakures: Reporting Services - Native Shared Features Reporting Services - SharePoint Reporting Services - SharePoint Deta Quality Client Client Tools Softwards Compatibility Client Tools Softwards Compatibility Client Tools Softwards Compatibility Client Tools Back Management Tools - Complete Distributed Replay Client Softwards Data Services Redstributable Features Select All Instance got directory: Spared feature directory: Spared feature directory (206): Shared feature directory (206): (Sprogram Files/Microsofteated feature directory (206): (Sprogram Files/Microsofteated feature directory (206): (Sprogram Files/Microsofteated feature directory (206):	Feature description: Includes the Database Engine, the core service for storing, processing and securing data. The Database Engine provides controlled access and rapid transaction processing and also provides inch support for sustaining high availability. The Database Engine also provides support for the utility control point in the Prerequisites for selected features: Affeedy installed: Microsoft Visual Studio 2010 Redistributables Microsoft SQL Server\ resolution resolution reconstributable reconstrisoft SQL Server(reconstrisoft SQL
		<back next=""> Cancel Help</back>

For SQL Server 2016 client:

Product Key Eeatures: Feature description: License Terms Global Rules Analysis Services - Native Microsoft Update Reporting Services - Native DB) SOK for database application Install Setup Files Reporting Services - SharePoint DB) SOK for database application Install Rules Reporting Services - SharePoint DB SOK for database application Feature Selection Reporting Services - SharePoint Proi Data Quality Client Client Tools Connectivity Integration Services Afready installed: Installation Progress Client Tools Backwards Components Distributed Replay Client Distributed Replay Client Sold Client Connectivity SDK Distributed Replay Client Master Data Services Sold Client Connectivity SDK Disk Space Requirements Distributed Replay Client Sold Client Connectivity SDK Disk Space Requirements Distributed Replay Client Sold Client Connectivity SDK Disk Space Requirements Distributed Replay Client Sold Client Connectivity SDK Disk Space Requirements Distributed Replay Client Sold Client Connectivity SDK Disk Space Requirements Distributed Replay Client Sold Client Connectivity SDK S	SQL Server 2016 Setup Feature Selection Select the Evaluation features to	o install.		–	
Shared feature directory: C:\Program Files\Microsoft SQL Server\ Shared feature directory (<u>x</u> 86): C:\Program Files (x86)\Microsoft SQL Server\	Product Key License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Ready to Install Installation Progress Complete	Eeatures: Analysis Services Reporting Services - Nativ Shared Features Reporting Services - Sharet Reporting Services - Sharet Data Quality Client Olient Tools Connectivity Integration Services Client Tools SOK Documentation Compone Distributed Replay Contro Distributed Replay Contro Soll Client Connectivity S Master Data Services Reprint Tools Sorvices Soll Client Connectivity S Master Data Services Redistributed Replay Contro Select All Unselect All Instance goot directory:	re Point i for SharePoint Proi on patibility ents ller DK V V V V V V V V V V V V V V V V V V	Feature description: Includes SQL Server Native Client (ODBC / OLE DB) SDK for database application development. Prerequisites for selected features: Already installed: Microsoft .NET Framework 4.0 To be installed from media: Microsoft Visual Studio 2010 Redistributables Disk Space Requirements Drive C: 445 MB required, 190129 MB available	
		Shared feature directory: C:\Program Files\Mi Shared feature directory (<u>x</u> 86): C:\Program Files (x8		crosoft SQL Server\ 6)\Microsoft SQL Server\	

- **2** On the PC you plan on installing SmartSystems, log in to the same user account that you used when you installed SQL server.
- **3** Enable SQL discovery over TCP if it was not already enabled:
 - a Click Start > Run.
 - **b** Type **cliconfg.exe**. The SQL Server Client Network Utility appears.
 - c Select **TCP/IP** from the **Disabled protocols** box and click **Enable**.

d Click OK to save your changes.

4 If you have a firewall turned on, make sure you add port 60000 to your list of firewall exceptions.

5 On the PC you where you are installing SmartSystems, download SmartSystems from the Intermec by Honeywell website at https://hsmftp.honeywell.com/

Navigate to the following folder to find the binaries and supporting documents.

Software >> Software and Tools >> Device Management>> SmartSystems Foundation >> Console-Server Software>>

Refer below screenshot for more information.

Software	File name Action			
 → → → → Barcode Scanners → → → → Computer Devices → → → → → → → → → → → → → → → → → → →	00002442_SmartSystemsFoundationInstalLexe Released: October 11, 2014 Smart Systems Foundation ver 4.90.00.121 SmartSystems 4.99 adds support for CV31 computer and PD43 printer. Requires. Windows XP, Windows 7, Windows 8, Windows Server 2003, 2008, 2008 R2, or Windows Server 2012. SOL Server 2008 or 2012. Review Release Notes before Installing	႕ Download	ð	
SmartSystems Foundation	00002503_SmartSystemsScantoConnectInstalLexe	Download		
	SmartSystems_Foundation_4_90_Release_Notes.pdf Smart Systems 4.90 Release Notes	J. Download	Ð	
- Jii E2Config for Mobility - Jii Mobility Management - Jii Printer Software	SmartSystemsBundleToolInstalLexe	J. Download	Ð	
	SmartSystemsRemoteConnectionSetup.exe	U Download	Ð	

6 Double-click the SmartSystems .exe file.

7 The SmartSystems Installer checks to see if you have Microsoft .NET Framework 4.0 installed. If it is not installed, follow the prompts to install .NET Framework 4.0.



Note: If you installed .NET Framework 4 as part of Windows Update you may have downloaded a subset of the full installation. If that is the case, SmartSystems prompts you to download and install the full version of .NET Framework 4.0.

8 In the drop-down list, select the database server that you created.

🖉 Database Instance Selection	
Please select a database instance:	
(local)\Intermec2008	×
Help	Ok Cancel

9 Click OK.

- **10** When the Precheck screen appears, the SmartSystems Installer runs system checks to determine if your PC meets the minimum requirements.
 - If there are any warnings, view the details. You can choose to skip or fix any warnings. For more information, see **"Troubleshoot Installation Problems" on page 81**.
 - If there are any errors, you must fix them before you can continue with the SmartSystems installation. For more information, see **"Troubleshoot Installation Problems" on page 81**.

After you have fixed your warnings and errors, click Next.

11 When the Welcome screen appears, click Next.

12 Select I accept the terms of the license agreement and click Next.

13 Select the installation destination and click **Next**. SmartSystems installs on your PC.



Note: On some foreign language operating systems, **Program Files (x86)** is displayed in English instead of the language the operating system is currently running.



14 When the Software Bundle Wizard is installed, click Finish.

15 Return to the PC where you are installing SmartSystems on, select **Yes, I want to restart my computer now** and click **Finish**.

Update SmartSystems Software

You can check for software updates to SmartSystems Foundation or Client at <u>https://hsmftp.honeywell.com/</u>.

Navigate to the following folder to find the binaries and supporting documents.

Software >> Software and Tools >> Device Management>> SmartSystems Foundation >> Console-Server Software>>

If you already have SmartSystems installed on your PC, you can allow Intermec Update to automatically check at pre-defined intervals.

Note: If Automatic Checking is enabled, a pop-up screen appears to notify you when an update is available for download.

By default, the Software Manager checks for critical updates daily and important updates weekly. You have the option of changing the frequency or turning Automatic Checking off. For more information, see the online help.

Where to Find More Information

The SmartSystems Foundation web site at <u>https://hsmftp.honeywell.com/</u> has the most up-to-date information regarding SmartSystems Foundation.

Navigate to the following folder to find the binaries and supporting documents.

Software >> Software and Tools >> Device Management>> SmartSystems Foundation >> Console-Server Software>>

If you need help on with using SmartSystems Foundation, you can open the online help in the SmartSystems console.

For technical support questions or to review technical information, visit the Intermec by Honeywell technical knowledge base (Knowledge Central) at

www.hsmknowledgebase.com .

Troubleshoot Installation Problems

Use this section to troubleshoot any validation problems that you may have during the Precheck phase of the SmartSystems Foundation installation process.

Problems with Precheck Items

Precheck Item	Details	Solution
Processor Speed	If you do not have the minimum processor speed requirements, a warning appears.	SmartSystems requires a minimum processor speed of 2 GHz. Install SmartSystems on a PC with a processor speed of 2 GHz or faster.
System Memory	If you do not have the minimum system memory requirements, a warning appears.	SmartSystems requires a minimum memory size of 2 GB of RAM. Install SmartSystems on a PC with 2 GB of RAM or more.
Intermec Software	Software conflict found. Uninstall the "I-Gistics Application Server" to proceed.	Uninstall the I-Gistics Application Server.
User Permission	The current user does not have permission to create new Windows groups.	Install SmartSystems with another user account that has sufficient permissions to create new Windows groups.
	The current user does not have permission to add users to Windows groups.	Install SmartSystems with another user account with that has sufficient permissions to add users to Windows groups.
	The current user does not have the "sysadmin" server role. Provide "sysadmin" role to continue with SmartSystems installation.	Provide the current user with the "sysadmin" role.
Domain Group Policy	Windows event log service is disabled by Group Policy. Some SmartSystems log messages will not be available.	Enable the Windows event log service to view the logs generated by the SmartSystems console.

	Windows firewall is configured to not allow exceptions by Group Policy. Windows firewall exceptions are required for SmartSystems functionality. Security Accounts Manager service is disabled by Group Policy. SmartSystems requires this service in order to function.	Configure Windows firewall to allow exceptions by Group Policy. SmartSystems requires certain network ports to be opened in order for it to function correctly. Enable the Security Accounts Manager service so that SmartSystems functions correctly.
Windows Firewall	Windows firewall is off. If it is turned on, be aware that exceptions are required for SmartSystems functionality.	Leave Windows firewall off to ensure SmartSystems functionality. If you leave Windows firewall on, exceptions are required for SmartSystems to function.
	Windows firewall is on and is configured to not allow exceptions. Exceptions are required for SmartSystems functionality.	Turn off Windows firewall. If you leave Windows firewall on, exceptions are required for SmartSystems to function.
	Windows firewall is remotely administered by Group Policy. Check with the administrator to ensure that the Group Policy settings will not interfere with SmartSystems operation.	Contact your network administrator to determine if the Group Policy will affect SmartSystems.
	Windows firewall is configured to not allow exceptions by Group Policy. Windows firewall exceptions are required for SmartSystems functionality.	Exceptions are required in order for SmartSystems to function.
	UDP or TCP port conflicts and generates an error.	You need to fix any port conflicts you may have in order for SmartSystems to function.
Third-Party Firewalls	Third-party firewalls that are installed and enabled generates a warning.	Disable the third-party firewall and do not block any ports that SmartSystems uses.

	1	1
Anti- Malware	Anti-malware products that are installed and enabled generates a	Any anti-malware products that are installed and enabled may block
Products	warning.	SmartSystems installation or runtime actions. Disable or uninstall these products to remove this warning.
Network	If an Ethernet or wired connection is disconnected a warning appears.	Make sure that you have either an Ethernet or wired connection, and that it is connected to your network.
	Local Area Connection failed to ping to the default gateway.	This warning notifies the user that a network issue was detected and the computer failed to ping the default gateway. Fix this warning to ensure that SmartSystems works properly.
Remote Database	Using a remote database in a workgroup is not supported. Please choose a database instance from the local computer or from a remote computer that is in the same domain as the local computer.	Make sure that you are not trying to use a remote database in a workgroup.
Remote viewer and Reporting services ports open issues	Sometimes, Remote viewer and Reporting services ports are not being opened by the SmartSystems installation.	Manually open those ports. See "UDP and TCP Port Definitions" section on page no 6 for ports definitions.

Troubleshoot Validation Problems

When you are installing SmartSystems, a pre-check log file is created. This file is used to help you or Product Support troubleshoot your SmartSystems installation.

Installation Precheck. log - N	lotepad			
File Edit Format View Help				
(MM/DD/YV) Time Stamp	Precheck	Type	Details	^
10/14/11 10:36:54:8204 10/14/11 10:36:54:8828 10/14/11 10:36:54:888 10/14/11 10:36:54:8984 10/14/11 10:36:54:9064 10/14/11 10:36:54:9194 10/14/11 10:36:54:9194 10/14/11 10:36:54:9884 10/14/11 10:36:54:9884	Domain Group Policy Domain Group Policy Domain Group Policy Domain Group Policy Domain Group Policy Processor Speed Processor Speed Processor Speed Processor Speed	Info Pass Pass Pass Info Info Test Pass	Domain Group Policy has begun to run. Windows EventLog'service enabled Firewall exception allowed System Account Manager'service not disables Finished running Domain Group Policy. Processor Speed has begun to run. Checking processor speed. Torkal processor speed : 6.782 GHZ. Processor meets minimum requirements of 2	ł
042. 10/14/11 10:36:54:9914 10/14/11 10:36:55:0014 10/14/11 10:36:55:0044 10/14/11 10:36:55:0044 10/14/11 10:36:55:0054 10/14/11 10:36:55:0054 10/14/11 10:36:55:0054 10/14/11 10:36:55:0054	Processor Speed User Permission User Permission User Permission User Permission User Permission User Permission	Info Info Test Info Info Pass Test	Finished running Processor Speed. User Permission has begun to run. Checking if SmartSystems groups exist. Found group: SmartSystems Managers. Found group: SmartSystems Administrators. Found groups. Found all groups. Found all groups.	-
restroup. 10/14/11 10:36:55:5754 10/14/11 10:36:57:4204 10/14/11 10:36:57:4204 10/14/11 10:36:57:6714 10/14/11 10:36:57:6724 10/14/11 10:36:57:7604 10/14/11 10:36:57:7604 10/14/11 10:36:57:7104 10/14/11 10:36:57:7104 10/14/11 10:36:57:7134 10/14/11 10:36:57:7	User Permission User Permission User Permission Internec Software Internec Software Internec Software System Menory System System System Menory System Menory System System Syste	Pass Test Pass Info Pass Info Test Pass Info Info Test Eatl	Icreated test group. Testing adding user to test group. Hintshed running user Permission. Thterme: Software has begun to run. Hintshed running intermes Software. System Memory has begun to run. Finding Size of RAM on machine. RAM size found: 3.22 GB. Meets SmartSystem Minfmum RAM size: 2 GB. Finding system Memory. Soft Interne has begun to run. Checking available SoL Server instances. No darabee instance selected	

Pre-Check Log File

The pre-check log file displays:

- the date and time you started the SmartSystems installation.
- the pre-check item being processed.
- whether the pre-check item passed or failed.
- the details of the pre-check items. This information contains details of why a pre-check item has passed or failed, and any error messages that may have been generated.

To view the pre-check log file

1 Browse to the **\SSTemp** directory.

2 Click Installation Precheck.log. The pre-check log file opens.

Contact Product Support

If you cannot find the answer to your problem in the **Troubleshoot Installation Problems** section, you can visit the Intermec by Honeywell technical knowledge base (Knowledge Central) at <u>www.hsmknowledgebase.com</u> to review technical information. If you still need help after visiting Knowledge Central, you may need to call Product Support.

For additional assistance, contact Intermec by Honeywell Support (Online self-help options: <u>www.hsmsupportportal.com</u> <u>www.hsmknowledgebase.com</u> To contact us: <u>www.hsmcontactsupport.com</u> <u>www.honeywellaidc.com/locations</u>)

Before you can call Intermec by Honeywell Product Support, make sure you have the following information ready:

- Operating system version
- SQL Server version
- Precheck log file

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https://www.honeywellaidc.com/

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