LiNC-NXG for Windows 8 Professional, Windows 7 Professional, Vista Business Edition and XP Professional Installation Guide for LiNC-NXG 33-10067-001 REV: C

PCSC 3541 Challenger Street Torrance, CA 90503 Phone: (310) 303-3600 FAX: (310) 303-3600 www.1pcsc.com First Edition – May 2009 Revision B – March 2012 Revision C – June 2014

Information in this manual is subject to change without notice and does not represent a commitment on the part of PCSC. The software described in this manual is furnished under a license agreement or nondisclosure agreement. The software may be used or copied only in accordance with the terms of the agreement. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or information storage and retrieval systems for any purpose other than specified in the agreement without the express written permission of PCSC.

© 2014 PCSC. All Rights Reserved.

Printed in the United States of America.

Microsoft Windows 8 Professional, Windows 7 Professional, Windows Vista Business Edition and Microsoft Windows XP Professional is a trademark of Microsoft Corporation.

Published by **PCSC** 3541 Challenger Street Torrance, CA 90503 Phone: (310) 303-3600 Fax: (310) 303-3600

0.2 Table of Contents

0.2 Table of Contents	. iii
1.0 Introduction 1.1 Installation and Setup	4 4
2.0 Before You Begin - Installation Requirements 2.1 Software 2.2 Hardware	5 5 5
 3.0 Creating a New Database	6 12 12 15
 4.0 SQL Server Network Configuration	18 18 24 28
 5.0 Installing LiNC-NXG. 5.1 Starting PCSC Configuration 5.2 Registering the LiNC-NXG Software 5.2.1 Registering via the Internet. 5.2.2 Registering NXG without an Internet Connection. 5.3 Finalizing the Install with Copy Options 5.4 Upgrading LiNC-NXG 	31 56 57 57 60 61 64
 6.0 Installing LiNC-NXG Workstation	65 90 91 91 94 95 98
7.0 Importing a Database1	01

1.0 Introduction

Welcome to the **LiNC-NXG for Windows 8 Professional, Windows 7 Professional, Vista Business Edition and XP Professional**, the enterprise programming software from PCSC. This user-friendly, PC-based access control manager is simple to operate and provides Help screens along the way to make operation even easier. The **LiNC-NXG** manuals are designed to provide both written and visual instructions while installing the system in its Host or Workstation modes.

LINC-NXG operates using the Microsoft Windows 8 Professional, Windows 7 Professional, Vista Business Edition, XP Professional or Windows Server 2008R2 operating systems and uses Microsoft SQL Server 2012, SQL Server 2012 Express, SQL Server R2, and SQL Server R2 Express for its database. **LINC-NXG** is compatible with both 32-bit and 64-bit processors. The host PC should be dedicated to the access control system to ensure security integrity and management efficiency. Other Windows applications should not be running concurrently with **LINC-NXG**.

This manual was designed to provide the information necessary to install LiNC-NXG and should be used in conjunction with the SQL Installation Guide and/or SQL (P/N 33-40006-001) Installation Guide. To obtain a complete understanding of LiNC-NXG, this manual should be used in conjunction with the LiNC-NXG for Windows 7 Professional, Vista Business Edition and XP Professional User Guide (P/N 37-10056-001). The Help menus provided on-screen will usually be sufficient to enter the proper data. This manual augments those screens and will detail certain fields, definitions, and procedures where needed.

1.1 Installation and Setup

Along with the Help screens, this guide describes how to setup your system quickly and easily. After the initial system foundation has been setup, refer to the LiNC-NXG for Windows 8 Professional, Windows 7 Professional, Vista Business Edition and XP Professional User Guide. (P/N 37-10056-001) for the day-to-day operation and maintenance of your system. The User Guide provides information on entering data regarding card assignment, time periods, downloading records to the Panel(s), and door operations.

2.0 Before You Begin - Installation Requirements

2.1 Software

To install LiNC-NXG for Windows 8 Professional, Windows 7 Professional, Vista Business Edition and XP Professional, the following requirements must be met:

- Windows 8 Professional, Windows 7 Professional, Windows Vista Business Edition (SP1 or higher) or Windows XP Professional (SP3 or higher) on 32-bit or 64-bit processors must be installed on the host computer.
- User must have knowledge of mouse and keyboard use in the Windows 8 Professional, Windows 7 Professional, Windows Vista Business Edition Professional or Windows XP Professional environment.
- Microsoft SQL Server 2012, Microsoft SQL Server 2012 Express with Advanced Features, Microsoft SQL Server 2008 R2, Microsoft SQL Server 2008 R2 Express with Advanced Features

2.2 Hardware

Compare your computer hardware features with the chart listing the requirements for proper operation of LiNC-NXG. If you have any questions regarding the computer you will be using for this application, call PCSC Technical Support at (310) 303-3600.

Hardware Item	Min. Requirement
CPU	Intel Core 2 Dual or higher, 3.0 GHz or faster, 32-
	bit or 64-bit processor.
Operating System	Windows 8 Professional, Windows 7 Professional,
	Windows Vista Business Edition Professional,
	Windows XP Professional and Windows Server
	2008R2 or 2012
Application Software	Microsoft SQL Server 2012, Microsoft SQL Server
	2012 Express with Advanced Features, Microsoft
	SQL Server 2008 R2, or Microsoft SQL Server R2
	Express
RAM	3 GB memory or greater
Hard Drive	1 – 120 GB ATA133 – 7200 RPM
CDRW or DVD-RW	12X CDRW with Nero or Roxio Software
Monitor	SVGA, 1024 x 768, 65k color

NOTE: LiNC-NXG use of host ports requires firewall configuration only if a firewall is active between the host and a workstation, PanelProxy, or the boards.

LiNC-NXG requires the following TCP ports:

PanelProxy TCP	13001 (default)
Alarm TCP	1602 (default, user-configurable)
Batch TCP	User configured
RPC TCP	3101 (default)

3.0 Creating a New Database

- **NOTE**: It is only necessary to create a new database if you want to store the data and log files in a specific location, otherwise they will be located in the default SQL folder. If you wish to skip this step, proceed to Section 3.1.
- From the Start Menu, open the SQL Server Management Studio from the Start/ SQL Server Management Studio (Windows 8) or Start/ All Programs/ Microsoft SQL Server/ SQL Server Management Studio (Window 7, Vista, XP).
- 2. The Connect to Server window will appear. If you are using Windows Authentication, press the **Connect** button.

NOTE: If you are using SQL Server Authentication, add in your **User name** and **Password**, then press the **Connect** button.

	Connect to Server					
SQL Serv	/er [:] 2012					
Server type:	Database Engine	~				
Server name:	DEE-PC\SQLEXPRESS	¥				
Authentication:	Windows Authentication	~				
User name:	Dee-PC\R	~				
Password:						
	Remember password					
Connect	Cancel Help Options	»>				

3. SQL Server Management Studio will open.



- 4. In Object Explorer, right -click on **Database**.
- 5. From the drop-down menu, select **New Database**.



6. The New Database window will open and display the General page. Type the preferred database name in the Name field.

E	New Database – 🗆 🗙
Select a page General Options Filegroups	Script ▼ Help Database name: UNC-NXG Owner: ✓ Use full-text indexing Database files: Logical Name File Type Filegroup Initial Size (MB) Autogrowth / Maxsize UNC-NXG Rows PEIMARY 4 UNC-NXG_log_Log I For our example, we will use LiNC- NXG as our database name.
Connection Server: DEE-PC\SQLEXPRESS Connection: Dee-PC\Richard Hooker View connection properties Progress Ready	Add Remove

7. In the **Data Files** table, find the **Path** column which will display the directory location where the **Data** will be stored.

NOTE: The locations listed in the "Path" fields are the default locations.

8. If it is preferable to use the SQL default for your Data Files Path, do not change. If there is an alternate location to use for the Path, press the **Browse** button to navigate to the desired location.

E					New Database				_ [X
Select a page	🔄 Script 🔻 🛐	Help								
Poptions Filegroups	Database name:		LiNC-NXG					\backslash		
	Owner:		<default></default>							
	✓ Use full-text in	ndexing								
	Database files:	D T	51	1		D.4				
	Logical Name	File Type Rowe		Initial Size (MB)	Autogrowth / Maxsize	C:\Program Files\Microsoft SOL				\frown
	LiNC-NXG_log	Log	Not Applicable	1	By 10 percent, Unlimited	 C:\Program Files\Microsoft SQL	Server\MSSQL11	SQLEXPRESS	MSSQL\DATA\	
Connection										
Server: DEE-PC\SQLEXPRESS										
Connection: Dee-PC\Richard Hooker										
View connection properties										
Progress										
Ready	<							Add	Remove	>
								0	K Car	ncel

- 9. In the **Data Files** table, find the **Path** column which will display the directory location where the **Transaction logs** will be stored.
- 10. If it is preferable to use the SQL default for your Transaction Log Path, do not change. If there is an alternate location to use for the Path, press the **Browse** button to navigate to the desired location.

8					New Database		\	-	□ ×
Select a page	🔄 Script 🔻 📑	Help					$\overline{\}$		
Filegroups	Database name:		LINC-NXG					-	
	Owner:		<default></default>					\setminus —	
	Use full-text in Database files:	ndexing							
	Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth / Maxsize	Path			▲
	LINC-NXG	Rows	PRIMARY	4	By 1 MB, Unlimited	 C:\Program Files\Microsoft SQL Serve	r\MSSQL11.SQLEXP	RESS\MSSQL\DATA	
	LiNC-NXG_log	Log	Not Applicable	1	By 10 percent, Unlimited	 C:\Program Files\Microsoft SQL Serve	r\MSSQL11.SQLEXP	RESS\MSSQL\DATA	N ()
Connection									
Server: DEE-PC\SQLEXPRESS Connection: Dee-PC\Richard Hooker									
View connection properties									
Progress									
C) Ready	<						Add	Remo	> ve
								ОК	Cancel

11. Press the **OK** button to create the database.

3.1 Creating the DBRW and DBO Logins

In an effort to enhance the security of the LiNC-NXG application, PCSC will no longer accept the default 'SA' login. It will be necessary for LiNC-NXG to connect to the SQL database using a set of unique DBRW and DBO logins.

3.1.1 Creating the DBRW Login

You will create the first of the two new logins by adding the **DBRW** (database read-write) login. This login will be used for NXG services and the UI.

- 1. Open the SQL Server Management Studio from the Start/ SQL Server Management Studio (Windows 8) or Start/ All Programs/ Microsoft SQL Server/ SQL Server Management Studio (Window 7, Vista, XP).
- 2. From the **Object Explorer** menu, right-click on **Security** in the menu tree, select **New**, and select **Login**.



3. The Login – New window will appear. In the Login name text box, enter a new DBRW login name.

NOTE: We will use "pcsc_ui" in our example below.

- 4. Select the SQL Server authentication radio button
- 5. Enter, and then confirm, the new **Password**.
- 6. Unless directed otherwise by the IT Administrator, uncheck the **Enforce password expiration** and make sure **User must change password at next login** is also auto unchecked.

8	Login -	New	- 🗆 🗙
Select a page	🔄 Script 🔻 📑 Help		
Server Roles User Mapping Securables Status	Login name: Windows authentication SQL Server authentication Password: Confirm password: Specify old password Old password: Password: Specify old password Old password: Server password policy Enforce password expirat User must change password Mapped to certificate Mapped to asymmetric key	pcsc_ui ••••• ••••• ••••• word at next login	Search
Connection	Map to Credential		∨ Add
Server: DEE-PC\SQLEXPRESS Connection: Dee-PC\Richard Hooker Wiew connection properties	Mapped Credentials	Credential Provider	
Progress			Remove
Ready	Default database: Default language:	master <default></default>	> >
		ОК	Cancel

NOTE: Do not press the OK button yet ..

- 7. From the Select a page left-hand menu, select User Mapping.
- 8. Check the checkbox next to your LiNC-NXG database in the **Users mapped to this login** section.
- 9. In the Database role membership for <database name> select the "db_datareader" (DBR) and the "db_datawriter" (DBW).
- 10. Press the **OK** button. You have created the **pcsc_ul login** with the **DBRW** roles and have mapped it to your LiNC-NXG database.

8	Login -	New	-	
Select a page General Server Roles	🔄 Script 🔻 🛐 Help			
🚰 User Mapping	Users mapped to this login:			
Securables	Map Database	User	Default Schema	
Er Status	LINC-NXG	pcsc_ui		
	master			
	model			
		(D		
	Report Server \$SQLE>	(P		
	Report Server\$SQLE2	(P		
	Guest account enabled for: Li	NC-NXG		
Connection	db accessadmin			
Server: DEE-PC\SQLEXPRESS	db_backupoperator			
Connection:	✓ db_datawriter			
View connection properties	db_denydatareader db_denydatareader db_denydatawriter db_owner			
Progress	db_securityadmin			
Ready				
			ОК	Cancel

11. Go to Section 3.1.2 to create the DBO Login.

3.5 Creating the DBO Login

Now it is time to create the **DBO** (database owner) login. The process is very similar to the creation of the **DBRW** login.

- 1. Open the SQL Server Management Studio from the **Start/ SQL Server** Management Studio (Windows 8) or **Start/ All Programs/ Microsoft SQL** Server/ SQL Server Management Studio (Window 7, Vista, XP).
- 2. From the **Object Explorer** menu, right-click on **Security**, select **New**, and select **Login**.



3. The Login – New window will appear. In the Login name text box, enter a new DBO login name.

NOTE: We will use "pcsc_dbo" in our example below.

- 4. Select the **SQL Server authentication** radio button.
- 5. Enter, and then confirm, the new **Password**.
- 6. Unless directed otherwise by the IT Administrator, uncheck the **Enforce password expiration** and make sure **User must change password at next login** is also auto unchecked.

8	Login -	New		- 🗆 🗙
Select a page General	🔄 Script 🔻 📑 Help			
Server Roles User Mapping Securables Status	Login name: Windows authentication SQL Server authentication Password: Confirm password: Specify old password Old password: Enforce password policy Enforce password expira User must change passw Mapped to certificate Mapped to asymmetric key	pcsc_dbo		Search
Connection	Map to Credential		\checkmark	Add
Server: DEE-PC\SQLEXPRESS Connection: Dee-PC\Richard Hooker View connection properties	Mapped Credentials	Credential P	rovider	
Progress				Remove
Ready	Default database: Default language:	master <default></default>	~ ~	
			ОК	Cancel .:i

NOTE: Do not press the OK button yet..

- 7. From the Select a page left-hand menu, select User Mapping.
- 8. Check the checkbox next to your LiNC-NXG database in the **Users mapped to this login** section. In our example below we are using the PCSC database.
- 9. In the **Database role membership for <database name>** select the **db_owner** (**DBO**) role.
- 10. Click on **OK** button. You have created the **pcsc_dbo login** with the **DBO** role and have mapped it to your NXG database.

8	Login - New -				
Select a page General Server Roles	🔄 Script 🔻 📑 Help				
User Mapping	Users mapped to this login:				
Status	Map Database UNC-NXG master	User pcsc_dbo	Default Schema		
	model msdb				
	ReportServer\$SQLEX ReportServer\$SQLEX tempdb	íP íP			
Connection	Guest account enabled for: LiN	NC-NXG			
Connection	db_accessadmin				
Server: DEE-PC\SQLEXPRESS	db_backupoperator db_datareader				
Connection: Dee-PC\Richard Hooker	db_datawhter				
View connection properties	db_denydatalreader db_denydatawriter ✓ db_owner			_	
Progress	db_securityadmin				
Ready	V public				
			ОК	Cancel	

4.0 SQL Server Network Configuration

4.1 Assignment of TCP/IP Ports

1. Open the SQL Server Configuration Manager via its Windows icon or Start/ SQL Server Configuration Manager (Windows 8) or Start/ All Programs/ Microsoft SQL Server/ SQL Server Configuration Manager (Window 7, Vista, XP).

Sql Server Con	figuration Manager	-	×
File Action View Help			
SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Server Network Configuration (32bit) SQL Server Network Configuration SQL Server Network Configuration	Items ■ SQL Server Services ■ SQL Server Network Configuration (■ SQL Native Client 11.0 Configuration ■ SQL Server Network Configuration ■ SQL Server Network Configuration ■ SQL Native Client 11.0 Configuration		



 Expand SQL Server Network Configuration from the decision tree and select Protocols for MSSQLSERVER (if using SQL Server 2012) or Protocols for MSSQLEXPRESS (if using SQL Server 2012 Express).



3. Double-click on TCP/IP to open the TCP/IP Properties window.

4. Within the **TCP/IP Properties** window, within the **Enabled** row, pull the dropdown to select **Yes**.

TCF	P/IP Propert	ies	?	×
Protocol IP Addresses				
General				
Enabled	Yes			-
Keep Alive	30000			
Listen All	Yes			
Enabled				
Enable or disable TCP/IP prot	ocol for this se	rver instance		
OK	Cancel	Apply	He	elp

5. Select the **IP Addresses** tab.

	IP1	Ver	^
	Enabled	No	
	IP Address	fe80::6c5b:578f:ca85:a7b8%16	
	TCP Dynamic Ports	0	
	TCP Port	-	
-	IP10		
	Active	Yes	
	Enabled	No	
	IP Address	99.73.212.229	
	TCP Dynamic Ports	0	
	TCP Port		
-	IP11		
	Active	Yes	
	Enabled	No	
	IP Address	::1	
	TCP Dynamic Ports	0	
-	TCD Dort		
Ac In	.tive dicates whether the selected IP A	ddress is active.	

6. Scroll down to IPALL.

	TCP Dyna	mic Ports	0	1
	TCP Port			
Ξ	IP8			
	Active		Yes	
	Enabled		No	
	IP Addres	55	2602:306:349d:4e50:d40b:1cb:e5	1
	TCP Dyna	mic Ports	0	
	TCP Port			
Ξ	IP9			
	Active		Yes	
	Enabled		No	
	IP Addres	55	fe80::acf6:490b:96e1:6321%12	
	TCP Dyna	mic Ports	0	
_	TCP Port			_
Ξ	IPAII			
	TCP Dyna	mic Ports	0	
	TCP Port			
A	tive			-
In	dicates wi	hether the s	elected IP Address is active.	

7. Within the IPAII, change TCP Ports to 1433.

		TCP/IP Properties ?	×
Prot	tocol IP Addresses		
	TCP Dynamic Ports	0	\mathbf{A}
	TCP Port		
Ξ	IP8		
	Active	Yes	
	Enabled	No	
	IP Address	2602:306:349d:4e50:d40b:1cb:e57	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IP9		
	Active	Yes	
	Enabled	No	
	IP Address	fe80::acf6:490b:96e1:6321%12	
	TCP Dynamic Ports	0	
	TCP Port		
⊡	IPAII		
	TCP Dynamic Ports		
	TCP Port	(1433)	
)	*
тс	P Port		
TC	P port		
	OK	Cancel Apply Help	0

8. Press the **Apply** button to save the configuration.

NOTE: TCP Dynamic Ports is automatically assigned randomly during installation.

9. A Warning window will open, explaining that the services need to be stopped and restarted. Press the **OK** button.



- 10. Press the **OK** button on the TCP/IP Properties window to close. `
 - **NOTE**: It will be necessary to stop and restart the program for the new TCP/IP settings to take effect.

4.2 Enabling Named Pipes

1. Open the SQL Server Configuration Manager via Start/ SQL Server Configuration Manager (Windows 8) or Start/ All Programs/ Microsoft SQL Server/ SQL Server Configuration Manager (Window 7, Vista, XP).



2. Expand **SQL Server Network Configuration** from the decision tree and select **Protocols for SQLEXPRESS** (if using SQL 2012 Express) or **Protocols for MSSQLSERVER** (if using SQL 2012).

Sql Server Con		×		
File Action View Help				
🗢 🄿 🞽 🗐 🔒 🛛				
SQL Server Configuration Manager (Local)	Protocol Name	Status		
SQL Server Services	Shared Memory	Enabled	_	
SQL Native Client 11.0 Configuration (32bit)	Named Pipes	Disabled		
 SQL Server Network Configuration Protocols for SQLEXPRESS SQL Native Client 11.0 Configuration 				

3. Double-click on Named Pipes to open the Named Pipes Properties window.

4. Within the Named Pipes Properties window, pull the dropdown to select Yes.

	Named Pi	pes Propert	ies	? ×
Protocol				
General				
Enabled	\langle	Yes		▼
Pipe Name		\\.\pipe\M	SSQLSSQLEXPRI	
Enabled				
Enable or disable	Named Pipes pr	otocol for this	server instance	:
	OK C	ancel	Apply	Help
		uncer	אייאיר	nep

5. Press the **Apply** button to save the configuration.

6. A **Warning** window will open, explaining that the services need to be stopped and restarted. Press the **OK** button.



7. Press the Ok button on the Named Pipes Properties window to close.

NOTE: It will be necessary to stop and restart the program for the new TCP/IP settings to take effect.

4.3 Restarting SQL Server Services

- 1. Open the SQL Server Configuration Manager via its Windows icon or Start/ SQL Server Configuration Manager (Windows 8) or Start/ All Programs/ Microsoft SQL Server/ SQL Server Configuration Manager (Window 7, Vista, XP).
- 2. Double click on SQL Server Services within the Decision tree.

	Sql Server Configura	ation Manager		- 🗆 🗙
File Action View Help				
🗢 🔿 🙍 📓 🗟 🛛 🖉 💿 💿 🥑				
 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) SQL Server Network Configuration SQL Server Network Configuration SQL Native Client 11.0 Configuration 	Name SQL Server Browser SQL Server (SQLE SQL Server Agent SQL Full-text Filte SQL Full-text Filte	State Stopped Running Running	Start Mode Other (Boot, Syste Automatic Other (Boot, Syste Manual	Log On As NT AUTHORITY\LO NT Service\MSSQL NT AUTHORITY\NE NT Service\MSSQL NT Service\DecetS
	ED SQL Server Report.	nummy	Automatic	ini Service (Reports
	<			>

3. Double click on **SQL Server (SQLEXPRESS)** (if using SQL 2012 Express) or **SQL Server (MSSQLSERVER)** (if using SQL 2012). 4. In the SQL Server (MSSQLSERVER) Properties window, press the Stop or Restart button.

Startup Para rivice rivice (MSSQL\$	ameters FILE	Advanced STREAM Browse
ervice (MSSQL\$	SQLEXPRE	STREAM
ervice (MSSQL\$	SQLEXPRE	Browse
ervice (MSSQL\$	SQLEXPRE	Browse
ervice \MSSQL\$	SQLEXPRE	Browse
ervice (MSSQL\$	SQLEXPRE	Browse
ervice (MSSQL\$	SQLEXPRE	Browse
	oquerance	DIOWSE
•••••	•••	
Running		
Pause		Restart
, adde		
Cancel	Apply	Help
	Running Pause Cancel	Running Pause

5. The SQL Server Configuration Manager progress screen will display.

SQL Server Configuration Manager
Stopping service
Close

6. If you pressed Stop, press the Start button to restart services

AlwaysOn High Availability	Startup Par	ameters	Advanced
Log On	Service	FILE	STREAM
Log on as: O Built-in account:		~	
This account:			
Account Name:	NT Service MSSQL\$	SQLEXPRE	Browse
Password:	•••••	•••	
Confirm password:	•••••	•••	
Service status:	Stopped		
Start Stop	Pause		Restart

7. The SQL Server Configuration Manager progress bar will return.

SQL Server Configuration Manager
Starting service
Close

- 8. Press the **OK** button to close the SQL Server Properties window.
- 9. Select **File** from the pull-down menu and then **Exit** to close **SQL Server Configuration Manager** screen.

NOTE: The Restart Button will both Stop and Restart SQL Server in one action.

5.0 Installing LiNC-NXG

NOTE: The system should have a functional version of SQL Server 2012, SQL Server 2012 Express, SQL Server 2008 R2, or SQL Server 2008 R2 Express prior to starting this installation.

- 1. Insert the **LiNC-NXG** DVD into the DVD-ROM drive or download the appropriate files from the PCSC Server.
- 2. If using a DVD, LiNC-NXG will activate an AutoPlay of the LiNC-NXG Installer. If you choose, you can instead press the **Open folder to view files** icon.

AutoPlay	x
DVD Drive (D:) LiNC-NXG Install	
Always do this for software and games	
Install or run program from your media	-
Run nxgsetup.exe Publisher not specified	
General options	
Open folder to view files using Windows Explorer	
View more AutoPlay options in Control Panel	

3. When you open the LiNC-NXG files, you will see multiple folders and files.



4. In the LiNC-NXG window, double-click the NXG Setup application.

NOTE: For Vista Business Edition Users, the SQL Server 2012 Express application must be **Run as administrator**:

- a) Select the LINC-NXG icon
- b) Right-click on the application
- c) Select Run as administrator

5. If the computer does not have Microsoft .NET Framework 4 installed, it will automatically start the installation with that software. Press the **Install** button to continue.

Microsoft	.NET Framework 4 Setup	×
.NET Framework 4 Setup Please accept the license terms to continue.		.NET
MICROSOFT SO	DFTWARE	^
✓ I have read and accept the	license terms.	
Download eize estimate: Download time estimates:	D MB Dial-Up: O minutes Broadband: O minutes	
	Inst	all Cancel

6. This will bring you to the **Microsoft** .NET Framework 4 – Installation Progress window.



7. Once complete, the **Installation is Complete** window will appear. Press the **Finish** button.



8. If the computer does not have Microsoft .SQL Server Native Client installed, it will automatically start the installation with that software. Press the **Next** button to continue.



9. The License Agreement window loads. Select the "I accept the terms of the license agreement" radio box and click **Next** to continue.

₩ Microsoft SQL Server 2008 R2 Native Client Setup			
License Agreement Please read the following license agreement carefully.			
MICROSOFT SOFTWARE LICENSE TERMS	^		
MICROSOFT SQL SERVER 2008 R2 NATIVE CLIENT			
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft			
• updates,	~		
● I accept the terms in the license agreement ○ I do not accept the terms in the license agreement			
< Back Next > Cancel			
10. You are asked for registration information. Type in the appropriate name and company and click **Next**.

閿	Microsoft SQL Server 2008 R2 Native Client Setup	×
Regi The	stration Information e following information will personalize your installation.	
Ent	er your name and the name of your organization in the fields below.	
Nar	me:	
Jo	hn Smith	
Cor	mpany: BC	
	< Back Next > Can	cel

11. Select the feature sets you need. **Client Components** is required for LiNC-NXG installation.

岁 Microsoft SQL Server 2008 R2 Nat	tive Client Setup
Feature Selection Select the program features you would like to install.	
Click an icon in the following list to change how a feature is	installed. Feature description Microsoft SQL Server Native Client
< Back N	Browse Disk Cost lext > Cancel

12. Right-click **Client Components** and select, "Will be installed on local hard drive." SQL Server Native Client SDK is optional and does not require installation.

謬	Microsoft SQL Server 2008 R2 Nati	ve Client Setup
Featu Sele	re Selection ct the program features you would like to install.	
	an icon in the following list to change how a feature is i Client Components Will be installed on local hard drive Entire feature will be installed on local hard ation path	nstalled. Feature description oft SQL Server Native I drive
	< Back Ne	Browse Disk Cost ext > Cancel

13. Press the **Next** button.

14. Click Install to begin the installation

₿ Microsoft SQL	Server 2008 R2 Native Client Setup
Ready to Install the Program Setup is ready to begin installati	on.
Click Install to begin the installat	ion.
If you want to review or change exit Setup.	e any of your installation settings, click Back. Click Cancel to
	< Back Install Cancel

15. When the installation is complete, click Finish to proceed to the next step in LiNC-NXG installation.



16. Once the .NET installation is complete, the system will install the latest version of SAP Crystal Reports. Press the **Next** button.



17. The SAP Crystal Reports – License Agreement will appear. Select the "I accept the License Agreement" radio button and press the **Next** button.

谩 SAP Crystal Reports runtime engine for .NET Framework 🗕 🗆	×
License Agreement You must agree with the license to proceed.	
	_
IMPORTANT-READ CAREFULLY: THIS IS A LEGAL AGREEMENT BETWEEN YOU AND SAP BUSINESSOBJECTS FOR THE SAP BUSINESSOBJECTS SOFTWARE ACCOMPANYING THIS AGREEMENT, WHICH MAY INCLUDE COMPUTER SOFTWARE, ASSOCIATED MEDIA, PRINTED MATERIALS AND ONLINE OR ELECTRONIC DOCUMENTATION ("SOFTWARE"). BEFORE CONTINUING WITH THE INSTALLATION OF THE SOFTWARE, YOU MUST READ, ACKNOWLEDGE AND ACCEPT THE TERMS AND CONDITIONS OF THE SOFTWARE LICENSE AGREEMENT THAT FOLLOWS ("AGREEMENT"). IF YOU DO NOT ACCEPT THE TERMS AND CONDITIONS OF THE AGREEMENT, YOU MAY RETURN, WITHIN THIRTY (30) DAYS OF PURCHASE, THE SOFTWARE TO THE PLACE YOU OBTAINED IT FOR A FULL REFUND.	
 GRANT OF LICENSE. SAP BusinessObjects grants you a nonexclusive and limited license to use the Software products and functionalities for which you have paid the applicable fees solely for your internal business purposes and in accordance with the terms and conditions of this Agreement. The Software is licensed, not sold, to you. If you acquired this product as a special offer or as a promotional license included with another SAP BusinessObjects product, additional restrictions apply as 	,
 I accept the License Agreement I do not accept the License Agreement 	
< Back Next > Cancel	

18. The SAP Crystal Reports – Start Installation window will appear. Press the **Next** button.

谩 SAP Crystal Reports runtime engine for .NET Framework 🔍 🗙
Start Installation
Are you ready to have the SAP Crystal Reports runtime engine for .NET Framework (32-bit) Installation Wizard begin the install?
Press the Next button to begin the installation or the Back button to review the license agreement.
< Back Next > Cancel

19. The installer will now install SAP Crystal Reports and all its components.



- SAP Crystal Reports runtime engine for .NET Framework... − □ ×

 SAP Crystal Reports runtime engine for .NET Framework (32-bit) has been successfully installed.

 SAP Crystal Reports runtime engine for .NET Framework (32-bit) has been successfully installed.

 SAP Crystal Reports runtime engine for .NET Framework (32-bit) has been successfully installed.

 ABK

 A Back
- 20. When SAP Crystal Reports installion is complete, click **Finish** to launch the LiNC-NXG Installation Wizard.

21. The LiNC-NXG Installation Wizard launches. Click Next.



22. The LiNC-NXG License Agreement will appear. Press the I Agree button

🕞 LiNC-NXG Setup –	×
License Agreement Please review the license terms before installing LiNC-NXG.	
Press Page Down to see the rest of the agreement.	
FIRMWARE / SOFTWARE LICENSE AGREEMENT	
REQUIRES THE EXECUTION AND RETURN OF THE REGISTRATION FORM ENCLOSED WITH YOUR PURCHASED SOFTWARE TO PCSC. IMPORTANT NOTICE: This PCSC End-User License Agreement is a legal agreement between you (either an individual or entity) and PCSC for the use of LiNC-NXG and Suite software, associated media, printed material and online or electronic documentation. By installing LiNC-NXG and Suite software, you agree with the terms and condition of this agreement. DO NOT INSTALL LiNC-	
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install LINC-NXG.	
< Back	

- 23. The **Customer Information** window will load. Fill in the **Name** and **Organization** fields. Additionally, fill in the **Serial number** of the program that you received from PCSC or your PCSC-approved dealer.
 - **NOTE**: Please reference the LiNC-NXG software DVD for the serial number.

🕞 LiNC-NXG Setup – 🗆 🗙
Customer Information
Enter your name and company or organization in the box below. The installer will use this information for subsequent installations.
Name:
Richard Hooker
Organization:
ABC
Enter your serial number below. The installer will use this information for subsequent installations.
Serial number:
E486 ATG2.3 XHG3/ V35QTA 2804
Nullsoft Install System v2.46
< Back Next > Cancel

- **NOTE**: PCSC provides a Temporary License number within the LiNC-NXG install disk. The Temporary License will register the PC and will allow LiNC-NXG to be operational for 30 days before the program reverts back to a 48hr. DEMO mode.
- **NOTE**: If you do not have a serial number (or Temporary License number), entering all zeros (0) will allow you to use the system within a 48hr. DEMO mode.
- NOTE: In 'DEMO' mode, the default Site Code is 255.
- **NOTE**: In 'DEMO' mode, the system is limited to the number of readers and cards that can be defined and also has a.default Site Code of 255.
- 24. Press the Next button to continue.

25. You will be asked to choose which components of LiNC-NXG you wish to have installed. Select **Host** as the type of install (the other types of install are "Workstation" and "Concentrator").

6	LiNC-NXG Setup	- 🗆 🗙		
Choose Components Choose which features of LiN	IC-NXG you want to install.			
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.				
Select the type of install:	Host 🗸			
Or, select the optional components you wish to install:	Host Workstation Concentrator Concentrator	Description Position your mouse over a component to see its description,		
Space required: 211.9MB				
Nullsoft Install System v2.46 —				
	< Back	Next > Cancel		

26. In the **Choose Components** window, the Installation Wizard will automatically choose the necessary components for the installation. Click **Next** to continue.

G	LiNC-NXG Setup	_ 🗆 🗙
Choose Components Choose which features of LiNe	C-NXG you want to install.	
Check the components you wait install. Click Next to continue.	ant to install and uncheck the comp	ponents you don't want to
Select the type of install:	Host 🗸	
Or, select the optional components you wish to install:	GUI Host Concentrator	Description Position your mouse over a component to see its description,
Space required: 211.9MB		
Nullsoft Install System v2.46		
	< Back	Next > Cancel

27. You will be brought to the **Choose Install Location** page. A default folder location on the local computer will be displayed. If a different location is desired, select the **Browse** button and navigate to the folder where LiNC-NXG is to be installed.

🕞 LiNC-NXG Setup – 🗆 🗙
Choose Install Location Choose the folder in which to install LiNC-NXG.
Setup will install LiNC-NXG in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder C:\Program Files (x86)\PCSC\LiNC-NXG Browse
Space required: 211.9MB Space available: 43.8GB Nullsoft Install System v2.46

28. Press the Install button to continue.

29. LINC-NXG will install on your system.



- 30. During the installation, the **PCSC Configuration** window will appear, confirming the location of the SQL database. Identify the SQL Server, the DB Administrator (DBO) authentication, and Services (DBRW) authentication to access the appropriate database.
- 31. In the **DB Administrator** section, add your new **DBO login** (pcsc_dbo) and password for the Username and Password.
 - **NOTE:** You must input the **DBO login** and **password** to **DB Administrator** section of the **PCSC Configuration Utility** each time you update the database or upgrade LiNC-NXG.

<u>.</u>	Р	CSC Config	uration	- 🗆 🗙
SQL DB	MSSQL V	-	Services	
SQL Server	DEE-PC\SQLEXPRESS	~	Username	pcsc_ui
- DB Administrat	or		Password	****
Windows A	Authentication			
Server Au	hentication		Windows /	Authentication
Username	pcsc_dbo		Server Au	thentication
Password	****)	Server Au	
Password			Username	pcsc_u
Database	PCSC_DB	~	Password	****
Alarm			Scheduler	
🔵 Database	Email		Oatabase	Local tasks
Alarm Serv	er 127.0.0.1		OServer	
Server TCP Po	ort 1602		Server TCP Po	ort 0
F 1	Discolaria			
Email	Directory	Concent	rator ⊻ Ho	OK OK
Debug Trace	🔘 no limit	S	(DEMO)	Copy Options Register
Comm None	timed (min)	1,440	(255)	
Proxy None	→ ○ file size (MB)	500		Badging Clients
		•		LiNC-VIEW
Import Excel C	ard Data			✓ Reader Limit 20
	St	ale Message Th	nresholds	
	Lo	w default	~	
	Hig	gh default	~	

NOTE: The SQL Server database may need to be identified by [network location]\ SQLEXPRESS or [network location]\ SQL in order to locate the proper Database. 32. In the **Services** and the **Workstation** (UI) sections, add the **DBRW login** (**pcsc_ui**) and password **for the Username** and **Password**.

P F	CSC Confi	guration	×
SQL DB MSSQL V	/	Services	
SQL Server DEE-PC\SQLEXPRESS		Username	pcsc_ui
DB Administrator		Password	****
O Windows Authentication		Workstation	
Server Authentication		O Windows A	Authentication
Username pcsc_dbo		Server Aut	thentication
Password ****		Username	pcsc_ui
Database PCSC_DB	~	Password	****
Alarm Database Email Alarm Server 127.0.0.1 Server TCP Port 1602 Email Directory Debug Trace	Concer	Scheduler Database Server Server TCP Po htrator Site codes:	Local tasks ort 0 st OK Conv Ontions Register
Comm None V Imed (min) Proxy None V file size (MB) Import Excel Card Data	1,440 500 tale Message w default gh default	(DEMO) (255) Thresholds	Badging Clients Lodging LiNC-VIEW Card Limit 20

- 33. In the **Scheduler** section, a select the following:
 - Select the **Database** radio button if the computer is monitoring the database (standalone/host)
 - Select the **Server** radio button if the computer is NOT monitoring the database (workstation)
 - Check the **Local Tasks** checkbox if the computer is going to run local tasks such as running reports.
 - **NOTE:** Within the **Alarm** section, the **Alarm Server** will have the IP Address of the Host Computer. All Workstations should have the Host Computer IP Address also. Check with your IT Administrator for the correct settings.
 - **NOTE:** To learn about how to set up alarm notifications via email, see PCSC technical bulletin, **Setting up an Alarm Notification Email within LiNC-NXG** (P/N 39-40011-001)..
- 34. Press the **OK** button.
- 35. When the Installation is finished, the **Installation Complete** page will display. Press the **Close** button. You will be brought back to your Windows[™] desktop.

0	LiNC-NXG Setup -	
Installation Complete Setup was completed successfully.		(and the second
Completed		
Show details		
Nullsoft Install System v2.46		
	< Back Close	Cancel

5.1 Starting PCSC Configuration

- Start the PCSC Configuration by accessing the Windows Start menu: Start/ PCSC Config (Windows 8) or Start Menu/ All Programs/ PCSC/ LINC-NXG / PCSC Config (Windows 7, Vista, XP).
- 2. A Windows Security Alert window may display while starting the **PCSC Configuration**. Press the **Unblock** button to allow the program to start correctly.

🔐 Wind	ows Security Alert	
۲	Windows Firewal	I has blocked some features of this program
Window unblock risks of u	s Firewall has blocked this p this program, it will be unbl unblocking a program?	program from accepting incoming network connections. If you ocked on all public networks that you connect to. What are the
	<u>N</u> ame:	LINC-NXG
	Publisher:	PCSC
	Pat <u>h</u> :	C:\program files\pcsc\inc-nxg_7.01.02\incnxg.exe
	Network location:	Public network
		What are network locations?
		Keep blocking

NOTE: The Path may look different than the one shown.

5.2 Registering the LiNC-NXG Software

Each copy of LiNC-NXG needs to be registered with PCSC prior to its proper use with the system.

5.2.1 Registering via the Internet.

- **NOTE**: An Internet connection is required to complete the Registration process. Should an Internet connection not be available, please see Section 5.2.2.
- 1. Open the PCSC Configuration window.
- 2. In the lower right hand corner press on the **Register** button.

\$	PCSC Con	figuration – 🗆 🗙
SQL DB SQL Server	MSSQL V DEE-PC\SQLEXPRESS V	Services Username pcsc_ui Password ****
 Windows J Server Au Username 	Authentication thentication pcsc_dbo	Workstation Windows Authentication Server Authentication
Database	PCSC_DB v	Password ****
Alarm Database Alarm Serv Server TCP Po Email Debug Trace	Email ver 127.0.0.1 ort 1602 Directory	Scheduler ● Database ● Database ● Server Server TCP Port ● Host OK Site codes: Copy Options Register
Comm None Proxy None Import Excel C	on limit timed (min) 1,440 file size (MB) 500 Stale Message Low default High default	(DEMO) (255) Badging Clients Lodging LiNC-VIEW ✓ Reader Limit 20 ✓ Card Limit 1000

3. The **Registration Information** window will appear. Fill in each text box within the window.

- 🗆 🗙
Register
Cancel

- 4. Press the **Register** button. A connection to the PCSC registration server will commence.
- 5. The Registration Information window will confirm a valid registration.

Registration ×
Software registered
ОК

- **NOTE:** Please see section 5.2.2 if no Internet connection is available.
- **NOTE:** The network configuration may "block" the port (socket port error) that is necessary to register over the Internet.

<u>.</u>		PCSC Conf	iguration	- 🗆 🗙
SQL DB	MSSQL V		Services	
SQL Server	DEE-PC\SQLEXPRESS	~	Username	pcsc_ui
DB Administrat	tor		Password	****
O Windows	Authentication			
Server Au	thentication		Workstation	Authoritantian
Username	pcsc dbo		Converte	Aumenucauon
Descent	****		Server Au	Ithentication
Password			Username	pcsc_ui
Database	PCSC_DB	~	Password	****
Alarm			Scheduler	
🗌 Database	Email		Database	Local tasks
Alarm Server	ver 127.0.0.1		OServer	
Server TCP P	ort 1602		Server TCP P	lort 0
Email	Directory	Conce	ntrator 🗹 Ho	ost Reset DB Save
Debug Trace			Site codes:	Copy Options Register
Comm None	 no limit 		255	^
Proxy None	timed (min)	1,440	4095	Radoing Clients
	file size (MB)	500 💌		
Import Excel C	ard Data			✓ Reader Limit 20
- mport excerte		Stale Meesses	Throcholdo	Card Limit 1000
		ow default	V	
		ucrout	•	
	H	ligh default	¥	

- Confirm the completion of the registration through the Site codes window, which should no longer see the (DEMO) text, but rather the updated site codes.
 Press the Save button to complete the registration.

5.2.2 Registering NXG without an Internet Connection.

If an Internet connection is not available; the NXG software can be registered in the following way:

- 1. Fill in the Registration form completely.
- 2. Take a screen shot of the completed Registration form and save in a word processor program such as Microsoft Word or WordPad.
- 3. Transfer the save Registration form to a computer with Internet access.
- 4. Email the form to: techsupportdl@1pcsc.com for registering.
- 5. PCSC Technical Support will process the registration request and send a return email when the registration is complete.

NOTE: Each installation of LiNC-NXG will require registration. Send a screen shot for each computer on which LiNC-NXG is installed.

	Registration Information	- 🗆 🗙
License Number	2002300-8200032200022002	
Activation ID	51B2E55D	Register
End User		
Contact	Rich	
Company	ABC	Cancel
Address 1 (street)		
Address 2 (city, zip, state)		
Phone #		
Email		
Dealer/Integrator		
Contact		
Company		
Phone #		
Email		

NOTE: Once the registration files have been received from PCSC, proceed to Section 5.3 to complete the registration process.

5.3 Finalizing the Install with Copy Options

Each copy of LiNC-NXG will have options for additional items such as badging, clients, photo trace, and LiNC-VIEW which will not be active during a normal installation.

Once the standard installation is complete, any additional options can be activated from a client's unique **pcscopt.bin** file. To do so, the client pcscopt.bin and pcsckey is required to be copied to the local PC.

Procedure:

- 1. The **pcscopt.bin** file will be provided either on a flash drive, CD, within an email to the administrator or during the software registration process.
- 2. Once the pcscopt bin file has been identified, open the **PCSC Configuration** window.
- 3. Press the Copy Options button.

8	PCSC Cont	figuration	- 🗆 🗙
SQL DB MSSQL V		Services Username	pcsc_ui
DB Administrator	~	Password	****
 Windows Authentication Server Authentication Username pcsc_dbo 		Workstation Windows Au Server Auth	uthentication hentication
Password ***** Database PCSC_DB	~	Username Password	pcsc_ui ****
Alarm Database Email Alarm Server 127.0.0.1 Server TCP Port 1602 Email Directory Debug Trace Comm None Ono limit Proxy None Offile size (ME Import Excel Card Data	Conce	Scheduler Database Server Server TCP Por entrator Site codes: 255 1 4095 Thresholds V	Local tasks LiNC-VIEW Reader Limit 20 Card Limit 1000
			.:

4. The **PCSC Options File** window will appear. Browse the installation DVD or installation directory to locate the **pcscopt.bin** file.

	PCSC Options	File	×
🔄 🄄 🔻 🕆 📕 « 4-2	011 License and bin files	✓ C Search Program	Files 🔎
Organize 🔻 New folde	er	[
Documents	Name 🖍 🥂	Date modified 10/30/2013 5:20 PM	Type Text Document
Videos	御 dotNetFx40_Full_x8b_xb4.exe	10/26/2012 2:57 PM	PDE File
🜏 Homegroup	PCSC_eula.rtf	10/23/2013 3:10 PM 6/4/2009 2:34 PM	Application Rich Text Format
Computer	pcsckey.bin	9/13/2012 6:11 PM 9/13/2012 6:11 PM	BIN File BIN File
DATA (D:) DVD RW Drive (E My Web Sites on Richard (dessel)	弱 sqIncli_amd64.msi 弱 sqIncli_x86.msi	6/29/2012 9:01 AM 6/29/2012 9:01 AM	Windows Installer Windows Installer
· · · · · · · · · · · · · · · · · · ·	<		>
File na	ame: pcscopt.bin	✓ bin (*.bin)Open	✓ Cancel

- 5. Select the file.
- 6. Press the **Open** button.

7. The PCSC Options file window will automatically close. The additional purchased features of LiNC-NXG will appear with checks in the checkboxes. The site facility code should also now show in the **Site Code** area. Press the **Save** button to complete the Registration.

PCSC	Configuration – 🗆 🗙			
SQL DB MSSQL V	Services Username pcsc_ui			
DB Administrator	Password ****			
Windows Authentication Server Authentication	Workstation O Windows Authentication			
Username pcsc_dbo	Server Authentication			
Database PCSC_DB	✓ Password ****			
Alarm Database Email Alarm Server 127.0.0.1 Server TCP Port 1602	Scheduler Database Local tasks Server Server TCP Port 0			
Email Directory Image: Concentrator Image: Host Reset DB Save Debug Trace Site codes: Copy Options Register Comm None Image: None Image: Site codes: Copy Options				
Proxy None V O timed (min) 1,440 O timed (min) 1,440 O timed (min) 1,640 O timed (min	4095 Lodging Clients Lodging LiNC-VIEW			
Import Excel Card Data Stale Me Low de High de	essage Thresholds			

5.4 Upgrading LiNC-NXG

To upgrade to the most recent version of LiNC-NXG, it is not necessary to uninstall the current version of LiNC-NXG. Insert the new LiNC-NXG DVD and run the **Setup** procedure. Follow the steps in **Section 5.0** to install the new version.

6.0 Installing LiNC-NXG Workstation

- **NOTE**: A workstation will require the same hardware specifications as a standard installation. Please see the Hardware Specifications at Section 2.2 for more information.
- 1. Insert the **LINC-NXG** DVD into the CD-ROM drive or download the appropriate files from the PCSC Server.
- 2. If using a DVD, LiNC-NXG will activate an AutoPlay of the LiNC-NXG Installer. If you choose, you can instead press the **Open folder to view files** icon.

AutoPlay	×
DVD Drive (D:) LiNC-NXG Install	
Always do this for software and games:	
Install or run program from your media	-
Run nxgsetup.exe Publisher not specified	
General options	
Open folder to view files using Windows Explorer	
View more AutoPlay options in Control Panel	

3. When you open the LiNC-NXG files, you will see multiple folders and files.



4. In the LiNC-NXG window, double-click the NXG Setup application.

NOTE: For Vista Business Edition Users, the SQL Server 2012 Express application must be **Run as administrator**:

- d) Select the LINC-NXG icon
- e) Right-click on the application
- f) Select Run as administrator

5. If the computer does not have Microsoft .NET Framework 4 installed, it will automatically start the installation with that software. Press the **Install** button to continue.

Microsoft	NET Framework 4 Setup	×
.NET Framework 4 Setup Please accept the license terms to continue.		.NET
MICROSOFT SO	OFTWARE	-
I have read and accept the	license terms.	
Download eize estimate: Download time estimates:	D MB Dial-Up: O minutes Broadband: O minutes	
	Ins	tall Cancel

6. This will bring you to the **Microsoft** .NET Framework 4 – Installation Progress window.



7. Once complete, the **Installation is Complete** window will appear. Press the Finish button.



8. If the computer does not have Microsoft .SQL Server Native Client installed, it will automatically start the installation with that software. Press the **Next** button to continue.



9. The License Agreement window loads. Select the "I accept the terms of the license agreement" radio button and click **Next** to continue.

樹 Microsoft SQL Server 2008 R2 Native Client Setup	×			
License Agreement Please read the following license agreement carefully.				
MICROSOFT SOFTWARE LICENSE TERMS	^			
MICROSOFT SQL SERVER 2008 R2 NATIVE CLIENT				
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft				
updates,				
 I accept the terms in the license agreement I do not accept the terms in the license agreement 				
< Back Next > Cancel				

10. You are asked for registration information. Type in the appropriate name and company and click **Next**.

1	Microsoft SQL Server 2008 R2 Native Client Setup	×			
Regis The	tration Information following information will personalize your installation.				
Ente	Enter your name and the name of your organization in the fields below.				
Nam	e:				
Joh	in Smith				
Com ABC	pany: c]				
	< Back Next > Can	cel			

11. Select the feature sets you need. **Client Components** is required for LiNC-NXG installation.

岗 Microsoft SQL Server 2008 R2 Native Client Setup ×				
Feature Selection Select the program	features you would like to install.			
Click an icon in the following list to change how a feature is installed. Client Components SQL Server Native Client SDK Microsoft SQL Server Native Client				
Installation path			Browse Disk Cost	
	< Back	Next >	Cancel	

12. Right-click **Client Components** and select, "Will be installed on local hard drive." SQL Server Native Client SDK is optional and does not require installation. Click **Next**.

₩ Microsoft SQL Server 2008 R2 Native Client Setup				
Feature Selection Select the program fea	tures you would like to install.			
Click an icon in the following list to change how a feature is installed.				
Installation path		Browse Disk Cost		
	< Back N	ext > Cancel		
13. Click Install to begin the installation.

訬	Microsoft SQL Server 2008 R2 Native Client Setup
Read Set	Jy to Install the Program tup is ready to begin installation.
Clic	k Install to begin the installation.
If y exit	rou want to review or change any of your installation settings, click Back. Click Cancel to t Setup.
	< Back Install Cancel

- Microsoft SQL Server 2008 R2 Native Client Setup

 Completing the SQL Server 2008 R2 Native Client installation

 Setup has installed SQL Server 2008 R2 Native Client successfully. Click Finish to exit.

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client

 Setup has installed SQL Server 2008 R2 Native Client
- 14. When the installation is complete, click **Finish** to proceed to the next step in LiNC-NXG installation.

15. Once the .NET installation is complete, the system will install the latest version of SAP Crystal Reports. Press the **Next** button.



16. The SAP Crystal Reports – License Agreement will appear. Select the "I accept the License Agreement" radio button and press the **Next** button.

谩 SAP Crystal Reports runtime engine for .NET Framework 🗕 🗆	×			
License Agreement You must agree with the license to proceed.				
	_			
IMPORTANT-READ CAREFULLY: THIS IS A LEGAL AGREEMENT BETWEEN YOU AND SAP BUSINESSOBJECTS FOR THE SAP BUSINESSOBJECTS SOFTWARE ACCOMPANYING THIS AGREEMENT, WHICH MAY INCLUDE COMPUTER SOFTWARE, ASSOCIATED MEDIA, PRINTED MATERIALS AND ONLINE OR ELECTRONIC DOCUMENTATION ("SOFTWARE"). BEFORE CONTINUING WITH THE INSTALLATION OF THE SOFTWARE, YOU MUST READ, ACKNOWLEDGE AND ACCEPT THE TERMS AND CONDITIONS OF THE SOFTWARE LICENSE AGREEMENT THAT FOLLOWS ("AGREEMENT"). IF YOU DO NOT ACCEPT THE TERMS AND CONDITIONS OF THE AGREEMENT, YOU MAY RETURN, WITHIN THIRTY (30) DAYS OF PURCHASE, THE SOFTWARE TO THE PLACE YOU OBTAINED IT FOR A FULL REFUND.				
1. GRANT OF LICENSE. SAP BusinessObjects grants you a nonexclusive and limited license to use the Software products and functionalities for which you have paid the applicable fees solely for your internal business purposes and in accordance with the terms and conditions of this Agreement. The Software is licensed, not sold, to you. If you acquired this product as a special offer or as a promotional license included with another SAP BusinessObjects product, additional restrictions apply as				
 I accept the License Agreement I do not accept the License Agreement 				
< Back Next > Cancel				

17. The SAP Crystal Reports – Start Installation window will appear. Press the **Next** button.

😸 SAP Crystal Reports runtime engine for .NET Framework 🗕 🗆 🗙				
Start Installation				
Are you ready to have the SAP Crystal Reports runtime engine for .NET Framework (32-bit) Installation Wizard begin the install?				
Press the Next button to begin the installation or the Back button to review the license agreement.				
c Back Newton Connel				
< Back Next > Cancel				

18. The installer will now install SAP Crystal Reports and all its components.



19. When SAP Crystal Reports installion is complete, click **Finish** to launch the LiNC-NXG Installation Wizard.



20. The LiNC-NXG Installation Wizard launches. Click Next.



21. The LiNC-NXG License Agreement will appear. Press the I Agree button

G LiNC-NXG Setup – 🗆 🗙	
License Agreement Please review the license terms before installing LiNC-NXG.	
Press Page Down to see the rest of the agreement.	
FIRMWARE / SOFTWARE LICENSE AGREEMENT	
REQUIRES THE EXECUTION AND RETURN OF THE REGISTRATION FORM ENCLOSED WITH YOUR PURCHASED SOFTWARE TO PCSC. IMPORTANT NOTICE: This PCSC End-User License Agreement is a legal agreement between you (either an individual or entity) and PCSC for the use of LiNC-NXG and Suite software, associated media, printed material and online or electronic documentation. By installing LiNC-NXG and Suite software, you agree with the terms and condition of this agreement. DO NOT INSTALL LINC-	
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install LiNC-NXG.	
Nullsoft Install System v2.46 < Back I Agree Cancel]

22. The **Customer Information** window will load. Fill in the **Name** and **Organization** fields. Additionally, fill in the **Serial number** of the program that you received from PCSC or your PCSC-approved dealer.

NOTE: Please reference the LiNC-NXG software DVD for the serial number.

🕞 LiNC-NXG Setup – 🗆 🗙					
Customer Information					
Enter your name and company or organization in the box below. The installer will use this information for subsequent installations. Name:					
Richard Hooker					
Organization:					
ABC					
Enter your serial number below. The installer will use this information for subsequent installations.					
Serial number:					
Nullsoft Install System v2.46					
< Back Next > Cancel					

- **NOTE**: PCSC provides a Temporary License number within the LiNC-NXG install disk. The Temporary License will register the PC and will allow LiNC-NXG to be operational for 30 days before the program reverts back to a 48hr. DEMO mode.
- **NOTE**: If you do not have a serial number (or Temporary License number), entering all zeros (0) will allow you to use the system within a 48hr. DEMO mode.
- 23. Press the **Next** button to continue.

24. You will be asked to choose which components of LiNC-NXG you wish to have installed. Select **Workstation** as the type of install (the other types of install are "Host" and "Concentrator").

0	LiNC-NXG Setup	- 🗆 🗙					
Choose Components Choose which features of LiNC-NXG you want to install.							
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.							
Select the type of install:	Host 🗸						
Or, select the optional components you wish to install:	Host Workstation Concentrator	Description Position your mouse over a component to see its description,					
Space required: 211.9MB							
Nullsoft Install System v2.46							
	< Back	Next > Cancel					

25. The Installation Wizard will automatically choose the necessary component (GUI) for the installation. Click **Next** to continue.

7	LiNC-NXG Setup	- 🗆 ×				
Choose Components Choose which features of LiNG	C-NXG you want to install.					
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.						
Select the type of install:	Workstation 🗸					
Or, select the optional components you wish to install:	GUI Host Concentrator	Description Position your mouse over a component to see its description,				
Space required: 147.6MB						
Nullsoft Install System v2.46						
	< Back	Next > Cancel				

26. You will be brought to the **Select Installation Folder** page. A default folder location on the local computer will be displayed. If a different location is desired, select the **Browse** button and navigate to the folder where LiNC-NXG is to be installed.

G LiNC-NXG Setup – 🗆 🗙
Choose Install Location Choose the folder in which to install LiNC-NXG.
Setup will install LiNC-NXG in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder C:\Program Files (x86)\PCSC\LiNC-NXG Browse
Space required: 147.6MB Space available: 53.3GB Nullsoft Install System v2.46 < Back

27. Press the **Install** button to continue.

28. LiNC-NXG will install on your system.

;	LiNC-NXG Setup	-	
Installing Please wait w	hile LiNC-NXG is being installed.		()
Execute: "C: Show det	\Program Files (x86) \PCSC\LiNC-NXG\PxsDbCfg.exe ^{**} /setup ails		
Nullsoft Install S	ystem v2.46		Cancel

- 29. During the installation, a second window will appear, confirming the location of the SQL database. Identify the SQL Server, the DB Administrator (DBO) authentication, and Services (DBRW) authentication to access the appropriate database.
- 30. In the **DB Administrator** section, add your new **DBO login** (pcsc_dbo) and password for the Username and Password.
 - **NOTE:** You must input the **DBO login** and **password** to **DB Administrator** section of the **PCSC Configuration Utility** each time you update the database or upgrade LiNC-NXG.

*	PCSC Con	figuration	- 🗆 🗙
SQL DB	MSSQL V	Services	
SQL Server	DEE-PC\SQLEXPRESS V	Username	pcsc_ui
DB Administrat	or	Password	****
Windows /	Authentication	Workstation	
Server Au	thentication	Windows	Authentication
Username	pcsc_dbo	Server Au	thentication
Password	****	Username	pcsc ui
2.11			****
Database	PLSC_DR V	Password	
Alarm		Scheduler	
 Database 	Email	 Database 	Local tasks
Alarm Server	ver 127.0.0.1	◯ Server	
Server TCP P	ort 1602	Server TCP P	ort 0
Eneil	Disastanu		
	♥ Cond		
Debug Trace	🔘 no limit	Site codes:	Copy Options Register
Comm None	✓	(255)	
Proxy None	→ O file size (MB) 500		Badging Clients
	() include (inc)		LiNC-VIEW
Import Excel C	ard Data		✓ Reader Limit 20
	Stale Message	e Thresholds	
	Low default	~	
	High default	~	

NOTE: The SQL Server database may need to be identified by [network location]\ SQLEXPRESS or [network location]\ SQL in order to locate the proper Database. 31. In the Services and the Workstation (UI) sections, add the DBRW login (pcsc_ui) and password for the Username and Password.

PCSC	Configuration – 🗆 🗙
SQL DB MSSQL V	Services
SQL Server DEE-PC\SQLEXPRESS	Username pcsc_ui
DB Administrator	Password ****
O Windows Authentication	Workstation
Server Authentication	Windows Authentication
Username pcsc_dbo	Server Authentication
Password ****	Username pcsc_ui
Database PCSC_DB	V Rassword ****
Alarm	Scheduler
O Database Email	Database Local tasks
Alarm Server 127.0.0.1	Oserver
Server TCP Port 1602	Server TCP Port 0
Email Directory	Concentrator V Host OK
Debug Trace	Site codes: Copy Options Register
Comm None V Ono limit	(DEMO) (255)
Proxy None V Otimed (min) 1,440	Badaing Clients
the size (MB) 500	Linc-VIEW
Import Excel Card Data	✓ Reader Limit 20
Stale Me	essage Thresholds
Low de	fault 🗸
High det	fault V

- **NOTE:** Within the **Alarm** section, the **Alarm Server** will have the IP Address of the Host Computer. All Workstations should have the Host Computer IP Address also. Check with your IT Administrator for the correct settings.
- **NOTE:** To learn about how to set up alarm notifications via email, see PCSC technical bulletin, **Setting up an Alarm Notification Email within LiNC-NXG** (P/N 39-40011-001)..
- 32. Press the **OK** button.

33. When the Installation is finished, the **Installation Complete** page will display. Press the **Close** button. You will be brought back to your Windows™ desktop.

6	LiNC-NXG Setup	-	
Installation Complete Setup was completed successfully.			
Completed			
Show details			
Nullsoft Install System v2.46	< Back Close		Cancel

6.1 Starting PCSC Configuration

- 1. Start PCSC Configuration accessing the Windows Start menu: Start/ PCSC Config (Windows 8) or Start/ All Programs/ PCSC/ LINC-NXG / PCSC Config (Windows 7, Vista, XP).
- 2. A Windows Security Alert window may display while **PCSC Configuration** is starting. Press the **Unblock** button to allow the program to start correctly.

Wind	ows Security Alert	
۲	Windows Firewal	I has blocked some features of this program
Window unblock risks of u	s Firewall has blocked this p this program, it will be unbl unblocking a program?	program from accepting incoming network connections. If you locked on all public networks that you connect to. What are the
	<u>N</u> ame:	LINC-NXG
	Publisher:	PCSC
	Pat <u>h</u> :	C:\program files\pcsc\inc-nxg_7.01.02\incnxg.exe
	Network location:	Public network
		What are network locations?
		Keep blocking

NOTE: The Path may look different than the one shown.

6.2 Registering the LiNC-NXG Software

Each copy of LiNC-NXG needs to be registered with PCSC prior to its proper use with the system.

6.2.1 Registering via the Internet.

NOTE: An Internet connection is required to complete the Registration process. Should an Internet connection not be available, please see Section 6.2.2.

- 1. Open the PCSC Configuration window.
- 2. In the lower right hand corner press on the **Register** button.

8	PCSC Con	figuration	- 🗆 🗙
SQL DB MSSQL V		Services	
SQL Server DEE-PC\SQLEXPRESS	s v	Username	pcsc_ui
DB Administrator		Password	****
O Windows Authentication		Workstation	
Server Authentication		Windows	Authentication
Username pcsc_dbo		Server A	uthentication
Password ****		Username	pose ui
Database PCSC_DB	¥	Password	
Alarm		Scheduler	
🔵 Database 📃 Email		Database	E Local tasks
Alarm Server 127.0.0.1		Oserver	
Server TCP Port 1602		Server TCP F	Port 0
Email Directory	Conce	entrator 🗸 H	ost OK
Debug Trace		Site codes:	Copy Options Register
Comm None 🗸 🔘 no limit		(DEMO) (255)	^
Proxy None V O timed (mi	n) 1,440 📮	(200)	Badging Clients
) file size (I	MB) 500		
Import Excel Card Data			Reader Limit 20
	-Stale Message	Thresholds	Card Limit 1000
	Low default	V	
	High default	¥	

	Registration Information	- • ×
License Number	Care a track a structure structure and	
Activation ID	5 1B2E55D	Register
End User		
Contact	Rich	
Company	ABC	Cancel
Address 1 (street)		
Address 2 (city, zip, state)		
Phone #		
Email		
Dealer/Integrator		
Contact		
Company		
Phone #		
Email		
Email		

3. The **Registration Information** window will appear. Fill in each text box within the window.

4. Press the **Register** button. A connection to the PCSC registration server will commence.5. The **Registration Information** window will confirm a valid registration.

Registration ×
Software registered
ОК

- NOTE: Please see section 6.2.2 if no Internet connection is available.
- **NOTE**: The network configuration may "block" the port (socket port error) that is necessary to register over the Internet.

6. The updated PCSC Configuration screen will appear with a "WS" in the "site codes:" text box.

¢	PCSC Co	onfiguration	- 🗆 🗙
SQL DB	MSSQL V	Services Username	pcsc_ui
DB Administra	tor	Password	****
O Windows	Authentication	Workstation	
Server Au	thentication	O Windows A	Authentication
Username	pcsc_dbo	Server Aut	thentication
Password	****	Username	pcsc_ui
Database	PCSC_DB v	Password	****
Alarm		Scheduler	
🔵 Database	Email	Database	Local tasks
Alarm Ser	ver 127.0.0.1	◯ Server	
Server TCP P	ort 1602	Server TCP Po	ort 0
Email	Directory	ncentrator 🗌 Hos	st Reset DB Save
Debug Trace		Site codes:	
Comm None	💿 no limit	(WS)	Copy Options Register
Comm None	(min) 1,440	₽	
Proxy None	✓ O file size (MB) 500	•	Badging Clients
		•	Linc-VIEW
Import Excel C	Card Data		Reader Limit 20
	Stale Messa	ge Thresholds	Card Limit 1000
	Low defau	lt v	
	I Selo de Cou		
	High defau	it •	

7. Press the **Save** button to complete the registration.

6.2.2 Registering NXG without an Internet Connection.

If an Internet connection is not available; the NXG software can be registered in the following way:

- 1. Fill in the Registration form completely.
- 2. Take a screen shot of the completed Registration form and save in a word processor program such as Microsoft Word or WordPad.
- 3. Transfer the save Registration form to a computer with Internet access.
- 4. Email the form to: techsupportdl@1pcsc.com for registering.
- 5. PCSC Technical Support will process the registration request and send a return email when the registration is complete.

NOTE: Each installation of LiNC-NXG will require registration. Send a screen shot for each computer on which LiNC-NXG is installed.

	Registration Information	- 🗆 🗙
License Number	200200-0020-0020-0020-002	
Activation ID	51B2E55D	Register
End User		
Contact	Rich	
Company	ABC	Cancel
Address 1 (street)		
Address 2 (city, zip, state)		
Phone #		
Email		
Dealer/Integrator		
Contact		
Company		
Phone #		
Email		

NOTE: Once the registration files have been received from PCSC, proceed to Section 6.3 to complete the registration process.

6.3 Finalizing the Install with Copy Options

Each copy of LiNC-NXG will have options for additional items such as badging, clients, photo trace, and LiNC-VIEW which will not be active during a normal installation.

Once the standard installation is complete, any additional options can be activated from a client's unique **pcscopt.bin** file. To do so, the client pcscopt.bin and pcsckey is required to be copied to the local PC.

Procedure:

- 1. The **pcscopt.bin** file will be provided either on a flash drive, CD, within an email to the administrator or during the software registration process.
- 2. Once the pcscopt bin file has been identified, open the **PCSC Configuration** window.
- 3. Press the Copy Options button.

<u>.</u>	PCSC Conf	figuration – 🗆 🗙
SQL DB MSSQL V SQL Server DEE-PC\SQLEXPRESS	¥	Services Username pcsc_ui
DB Administrator Windows Authentication		Password **** Workstation
Username pcsc_dbo Password **** Database PCSC_DB]	Windows Authentication Server Authentication Username pcsc_ui Password ****
Alarm Database Email Alarm Server 127.0.0.1 Server TCP Port 1602		Scheduler
Email Directory Debug Trace Comm None v Ino limit Proxy None v Ifile size (MB)	☐ Conce 1,440 500 ▼	entrator Host Reset DB Save Site codes: Copy Options Register (WS) Badging Clients
Import Excel Card Data	Stale Message .ow default High default	Card Limit 1000

*	PCSC Options	File	×	
🔄 🌛 🔻 🕇 퉬 « 4-2	2011 License and bin files	✓ C Search Program	Files 🔎	
Organize 🔻 New fold	er	6	= 🕶 🔟 🔞	
Documents ^	Name	Date modified 10/30/2013 5:20 PM	Type ^	
PicturesVideos	totNetFx40_Full_x86_x64.exe	10/26/2012 2:57 PM	er Application	
🔞 Homegroup	LiNC-NXG-User.pdf	9/13/2012 6:30 PM 10/23/2013 3:10 PM	PDF File Application	
🖳 Computer	PCSC_eula.rtf	6/4/2009 2:34 PM 9/13/2012 6:11 PM	Rich Text Format BIN File	
OS (C:)	pcscopt.bin	9/13/2012 6:11 PM	BIN File	
DVD RW Drive (E: My Web Sites on Pichard (decrel)	🔂 sqlncli_x86.msi	6/29/2012 9:01 AM	Windows Installer	
V Kichard (deesel)	<		>	
File name: pcscopt.bin		v bin (*.bin)	¥	
		Open	Cancel .::	

4. The **PCSC Options File** window will appear. Browse to locate the **pcscopt.bin** file.

- 5. Select the file.
- 6. Press the **Open** button.

 The PCSC Options file window will automatically close. The additional purchased features of LiNC-NXG will appear with checks in the checkboxes. The site code should still show (WS) in the Site Code area. Press the Save button to complete the Registration.

PCSC Cor	nfiguration – 🗆 🗙				
SQL DB MSSQL V	Services				
SQL Server DEE-PC\SQLEXPRESS V	Username pcsc_ui				
DB Administrator	Password ****				
O Windows Authentication	Workstation				
 Server Authentication 	Windows Authentication				
Username pcsc_dbo	Server Authentication				
Password ****	Username pcsc_ui				
Database PCSC_DB v	Password ****				
Alarm	Scheduler				
O Database Email	Database Local tasks				
Alarm Server 127.0.0.1	Oserver				
Server TCP Port 1602	Server TCP Port 0				
Email Directory Concentrator Host Reset DB Save					
Debug Trace	Site codes: Copy Options Register				
Comm None V Ono limit	(WS) ^)				
Proxy None V O timed (min) 1,440					
☐ file size (MB) 500					
Import Excel Card Data	Reader Limit 20				
- Stale Messan	e Thresholds				
Low default	×				
High default	¥				

6.4 Updating the LiNC-NXG for a New Workstation

- 1. On the Host computer, Start LiNC-NXG.
- 2. Select the System Configuration menu.
- 3. Select Site Configuration icon. The Site Manager window will appear.
- 4. Select the **Computers** tab.
- 5. Press the **Add** button.



6. A second computer will be added to the list.

7. Double-click on the new computer (it will appear as a PC) in the list.

Ele Iools Help	
Site Manager 53	
Image: Save Close Image: Save Close Image: Save Close Image: Save Close	C
Panel Settings Name IP Address Timperiod acts Timperi	
TS_SERVER 197.168.6 100 C Add	
Hardware Input	
Panel Courter Image: Configuration Door Configuration Ste Configuration Image: Configuration	
Alam Manager	
L Journal Alams	
Arr Card Management Event Log Date/Time Date/Time Panel # Panel Mame Card Number Card Name F 📀 F	Real time
Control Operator Signon 03/12/2010 8:13:48 03/12/2010 8:13:48 03/12/2010 8:13:48 03/12/2010 8:13:48	Browse
Customization 03/12/2010 8:13:17 03/12/2010 8:13:17 03/12/2010 8:13:17 03/12/2010 8:13:17 0	
Reports Operator Signon 03/12/2010 7:24:29 03/12/2010 7:24:29 0	
System Overview	
Administrative Tools	

- 8. The **Workstation** window will appear. Within the window, enter the exact name of the workstation computer in the **Name** text box.
- 9. Enter the IP address of the workstation computer in the IP Address window.
- 10. Press the **OK** button to close the window.

🖳 PCSC LINC-NXG		🗖 🗗 🔁
<u>File T</u> ools <u>H</u> elp		
System Configuration		
Panel Settings	Site Manager XX Site Manager Kose Mdd/Delete panel Computers AddrDelete panel Computers	PCSC
r androokange	Name IP Address Conc WS Photo Trace	
	TS_SERVER 197.168.6.100 🗹 🔽 🗌 Add	
Hardware Input	PC 127.0.0.1 🔳 🗹 🔲 Remove	
Panel Counter	Computer	
1	Workstation	
Hardware Output	Name TS_Test12	
	IP Address 197.168.6.97	
Door Configuration	Alarm Contact Email Photo Trace	
Site Configuration		
Alarm Manager	Select Contact O New Contact Add	
	First Name	
	Journal / Middle Name	
Management	Event Last Name	Card Name F 💿 Real time
Status and Control	Operator S Email Address	0 O Browse
Sustomization	Operator S	0
Reports	Uperators	
System Overview		
Administrative Tools		>

- 11. The workstation with its correct computer name and IP address will appear in the computer list.
 - **NOTE**: Please note the newly added computer will only show if the 'WS' checkbox selected.
- 12. Press the **Save** button to save the settings.
- 13. Press the **Close** button to close the window.

The LiNC-NXG workstation is now ready.

14. Start LiNC-NXG on the workstation and verify proper operation.

🔡 P	CSC LINC-NXG								
Eile	<u>T</u> ools <u>H</u> elp								
	System Configuration								
		Site Manager	Close				×	R	CSC
	Panel Settings	Add/Delete pan	el Computers Address	Timeperiod sets Regio	nal anti-pas	sback			
		Name TS_SERVER	IP Address 197.168.6.10	Conc	WS PI	hoto Trace	Add		
	Hardware Input	TS_Test12	197.168.6.97	7	⊻		Remove	7 /	
	٩.								
	Panel Counter						Computer		
	1	-							
	Hardware Output								
	Door Configuration								
	3								
	Site Configuration								
									
	Alarm Manager								
		Journal Alarms							
\$ 7	Card Management	Event	Log Date/Time	Date/Time	Panel #	Panel Name	Card Number	Card Name	F 💿 Real time
\mathbf{P}	Status and Control	Operator Signon	03/12/2010 8:13:48	03/12/2010 8:13:48					0 O Browse
-	Customization	Operator Signon	03/12/2010 8:13:17	03/12/2010 8:13:17					0
\$	Reports	Uperator Signon	03/12/2010 7:24:29	03/12/2010 7:24:29					U
_	System Overview								
	Administrative Tools	<	I	ll					>

7.0 Importing a Database

Currently all existing database transfers from LiNC-NET to LiNC-NXG are imported for clients by PCSC or authorized personnel.

If you have any questions regarding database importing, please call PCSC Engineering at (310) 303-3600.

End of Manual June 2014