Neonatal Database Installation Instructions

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Step 1.

- 1.1 Download all files infront of this option on the destop and name this folder as Neonatal database.
- 1.2 Unzip the Sql2005 file by right clicking and choosing the option "Extract to Sql2005 file / ". It will contain the files msxm16, SQLEXPR and SQLserver, 2005_SSMSEE files.
- 1.3 Unzip the Neonatal Backend.zip by right clicking and choosing the option "Extract to Neonatal Backend/"
- 1.4 1-3 Unzip the ade_Frontend.zip by right clicking and choosing the option "Extract to ade_frontend/"
- Step 2. Installation of Sqlserver 2005 software.
 - 2.1 Install msxm16 by double clicking on it usually takes only few secs to intall.
 - 2.2 Install SQLEXPR by double clicking on it . Following screen will appear:

MICH	ROSOFT SOFTWARE LICENSE TERMS
MICH	ROSOFT SQL SERVER 2005 EXPRESS EDITION SERVICE
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live read abov rece Micr	e, one of its affiliates) and you. Please I them. They apply to the software named we, which includes the media on which you wived it, if any. The terms also apply to any cosoft
live read abou rece Micu	e, one of its affiliates) and you. Please I them. They apply to the software named re, which includes the media on which you wived it, if any. The terms also apply to any cosoft updates,
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live read abox rece Micu * *	e, one of its affiliates) and you. Please I them. They apply to the software named we, which includes the media on which you eived it, if any. The terms also apply to any cosoft updates, supplements, Internet-based services, and support services

Installs software components Server.	required prior to installing SQL
SQL Server Component I required for SQL Server S	Update will install the following components Setup:
Microsoft SQL Native	Client
Microsoft SQL Server	2005 Setup Support Files
Click Install to continue.	

2.4 Click "Install". Click "Next" in the successive screens and following screen will appear :

Microsoft SQL Server 2005 Express Edition Se Feature Selection Select the program features you want installed.	
Click an icon in the following list to change how a feat Database Services Client Components Connectivity Components Software Development Kit Click here	This feature requires 1187 KB on your
Installation path	selected. The subfeatures require 0 KB on your hard drive.
Help < Back	Disk Cost Next > Cancel

2.5 Click "Client components", select " will be installed..."

Select the program features you want installed.	
ck an icon in the following list to change how a feat	ure is installed. — Feature description
Database Services Client Components Connectivity Components Software Development Kit	Installs command line tools, connectivity components, programming models, management tools and development tools.
	This feature requires 16 MB on your hard drive. It has 0 of 2 subfeatures selected. The subfeatures require 0 KB on your hard drive.

2.6 Click "Connectivity components" , select " will be installeddrive"

Click an icon in the following list to change how a feat	ure is installed.
Database Services Client Components Connectivity Components Software Development Kit	Feature description Installs components for communication between clients and servers, including network libraries for ODBC and OLE DB. This feature requires 19 MB on your hard drive.

2.7 Click "Software Development Kit", select "will behard drive" and click "Next".

You can install a default instance or you can specify a named instance. Provide a name for the instance. For a default installation, click Default instance and click Next. To upgrade an existing default instance, click Default instance. To upgrade an existing mamed instance select Named instance and specify the instance name.	Instance Name			
 rovide a name for the instance. For a default installation, click Default instance and click lext. To upgrade an existing default instance, click Default instance. To upgrade an existing amed instance select Named instance and specify the instance name. © Default instance SQLExpress	You can install a default in instance.	stance or you can spec	tify a named	
Default instance Named instance SQLExpress	rovide a name for the instand lext. To upgrade an existing amed instance select Named	ce. For a default install default instance, click [instance and specify th	ation, dick Default instanc Default instance. To upgra ne instance name.	e and click de an existing
SQLExpress	Operault instance Operault instance			
	SQLExpress			

2.8 Select " Default Instance" , click " Next"

The authentication mode specifi	ies the security used when	
connecting to SQL Server.		
Select the authentication mode	to use for this installation.	
Windows Authentication Mod	de	
O Mixed Mode (Windows Autho	entication and SQL Server Authentic	ation)
Specify the salogon password l	below.	
opeary are so logon passion at	below.	
Enter password:		
Confirm password:		

2.9 Select "Windows Authentication Mode" then "Next

onfiguration Options Configure user and admi	nistrator a	ccounts			
🔽 Enable User Instance	s				
This option enables user instance of the SQL Serv	s without a er Expres	administrato s Database	r permissio Engine.	ns to run a se	parate
☑ Add user to the SQL	Server Adr	ministr <mark>a</mark> tor r	ole		
This option adds the use to the SQL Server Syste Vista operating system a	r <mark>who is ru</mark> m Administ re not mer	innin <mark>g the</mark> S trator role. E mbers of the	QL Server I By default, e SQL Serv	Express instal users on Micr er System Adr	lation program osoft Windows ninistrator role.

2.10 Check "Add user to"then "Next", again "Next"

eady t	Install
Setup i	ready to begin installation.
Setup h change	s enough information to start copying the program files. To proceed, dick Instal my of your installation settings, dick Back. To exit setup, dick Cancel.
The f	ollowing components will be installed: SQL Server Database Services
Udia	Juse Services/
The f	ollowing components that you selected will not be ged:
The f	ollowing components that you selected will not be ged: Client Components
The f	ollowing components that you selected will not be ged: C <mark>li</mark> ent Components
The f	ollowing components that you selected will not be ged: Client Components

- 2.11 Select "Install"
- 2.12 Install SQLserver2005_SSMSEE by double clicking on the file . Check "I accept the …" Click " Next"

eature Selection	
Select the program features you want installed.	
Click an icon in the following list to change how a feat	ure is installed.
Management Studio Express	Feature description Installs interactive management tools for running SQL Server, including SQL Server Management Studio Express.
stallation path ::\Program Files\Microsoft SQL Server\	
	Disk Cost

2.13 Click "Management Studio...", select "This feature will Be......". On the next screen select "Install'.

After this go to programs \rightarrow click of Configuration Tools -> Sql Sever Surface area configuration -> here you will need to see the following screens make sure these options shown are selected.

🔝 SQL Server 2005 Surface Area Configuration	
Microsoft SQL Server 2005 Help Protect Your SQL Server	Windows Server System
 Minimize SQL Server 2005 Surface Area SQL Server 2005 improves manageability and security by giving administrate and remote instances of SQL Server 2005. With the SQL Server 2005 Surface • Disable unused services and network protocols for remote connections. Disable unused features of SQL Server components. To new installations, use these tools to enable required features, services, a default. For upgraded instances, use these tools to identify and disable unuse users with administrative privileges on Microsoft Windows Vista and later ve privileges on this SQL Server installation by default. To explicitly add yourse below link: Add New Administrator Read more about configuring the SQL Server surface area. 	ors more control over the surface area of local cce Area Configuration tools, you can easily: and network protocols that are disabled by red features, services, and protocols. rsions will no longer have administrative If as a SQL Server administrator, click on the
Configure Surface Area for localhost <u>(change comput</u> Surface Area Configuration for Services and Co	Click here

3 Surface Area Configuration for	Services and C	Connections - localhost	
SQL Server 2005 Surfa	ace Area Co ver	onfiguration	
Enable only the services and connectio protect your server by reducing the surfa Select a component and then configure it	n types used by y ice area. For defa is services and cor	our applications. Disabling unused services and connections hebs ult settings, see <u>Help</u> . nnections:	
SQLEXPRESS Database Engine Activity	Disable this ser	vice unless your applications use it.	
Remote Connections	Service name:	MSSQL\$SQLEXPRESS	
🕀 🔀 SQL Server Browser	Display name: Description:	SQL Server (SQLEXPRESS)	
		Provides storage, processing and controlled access of data and rap transaction processing.	id 🔨
	Startup type:	Automatic	~
	Service status;	Running	
	Start	Stop Pause Resume	
View by Instance View by Component] 		



3. Connecting the server:

3.1 Click on "Start" ¤ "Programs" ¤ "Microsoft Sql server" ¤ Microsoft SQLserver Management Studio Express .

3.2 Choose the default server name and double click it. The database expand in the column below (as shown below)

병교 Microsoft SQL Server Management Studio Express		1 23
File Edit View Tools Window Community	Help	
🔁 New Query 📑 🗃 🗐 💋 🔁 🦉 🥬	2.	
Registered Servers + 7 X	Summary	* X
I	🕼 🗿 🥂 Y 🗰 Lix -	
🖃 📑 Database Engine		
COMP-PC\SQLEXPRESS	COMP-PC\SOLEXPRESS (SOL Server 9.0.4035 - COMP-PC\CO	MP
	COMPLETE CONTRACTOR CONTRACT	hamlet
	CONF-COQUARCO 31	ampy
	Name	
	Databases	
	Security	
	Replication	
	Management	
Object Explorer + 3 ×		
2 2 = 0 T		
COMP-PC\SQLEXPRESS (SQL Server 9.0.4035		
🗉 🛄 Databases		
E Security		
Replication	Double Click	
🗉 🦢 Management		
4	ð	
Ready		

Right Click on Database

In Microsoft SQL Server Management Studio Expres	
File Edit View Tools Window Communit	у Нер
🔁 New Query 🔓 📷 💷 🎯 🖏 🗃 🥦	1 🛣 .
Registered Servers + 7 ×	Summary + ×
8	(a)
Database Engine COMP-PC\SQLEXPRESS	COMP-PC\SQLEXPRESS (SQL Server 9.0.4035 - COMP-PC\COMP COMP-PC\SQLEXPRESS S (SQL Server 9.0.4035 - COMP-PC\COMP S Item(s) S Item(s) Security Server Objects Performance
Dbject Explorer + 3 × COMP-PC/SQLEXPRESS (SQL Server 9.0.4035 COMP-PC/SQLEXPRESS (SQL Server 9.0.4035 COMP-PC/SQL SERVERS COMP-PC/SQLEXPRESS (SQL SERVERS)	Merugement.
Ready	

Click new Database and Enter **Neonatal** as the database name and click OK to close the Database Properties.

Step 4: Restoration of the Back file

The Neonatal database will appear under the list of databases on the local server with a default data structure. To restore Neonatal Database structure right click on the Neonatal database, select "Tasks" followed by

SQL Server Group SQL Server Group 136273W (Wind Databases Composition Databases Composition Databases Composition Databases Database	lows NT)	Master	model	msab
Neona Image: I	New Databas	se		
🕀 🦲 Data Trar	New	•		
🖲 🦲 Managem	All Tasks	•	Import Data	
🕀 📄 Replicatio -	New Window	from Here	Export Data	
 	Delete Refresh		Maintenance Generate SQI	Plan . Script
-			Backup Datab	ase
_	Properties		Restore Data	base
	Help		Shrink Databa Detach Datab	ase

Restore Database...

4.3 In the Restore as database: field, enter Neonatal, ensure the From Device radio button is selected, click as

Script 👻 🚺 Help		
Destination for restore		
Select or type the name	of a new or existing database for your restore operation.	
To database:	neonatal	•
To a point in time:	Most recent possible	
Source for restore		
Saash the second and i	another of baselous anto to contain	0
Specity the source and i	ocation of backup sets to restore.	r
From database:		
From device		4
Select the backup sets t	o restore:	
Restore Name Con	nponent Type Server Database Position First L	SN Last LSN
4		,
1.000		

indicated , following screen will appear:

Backup media:	File	•
Backup location:		Add
		Remove
		Contents

4.5 Enter Neonatal.bak in the Backup Media and click ADD and locate the Neonatal.Bak file which you had earlier downloaded and upziped in the neonatal database folder. Click OK

Selec t a page General	🔄 Script 🝷	📑 Help						
Phions Options	Destination f	or restore						
	Select or	type the name of	a new or ex	isting datab	ase for your re	store operatio	on.	
	To datab	ase:	Neon	atal				~
	To a poin	t in time:	Most	recent pos:	sible			
	Source for re	store						
	Specify th	ne source and loc	ation of bac	kup sets to	restore.			
	O From o	database:	N	leonatal				V
	(From c		Ē	:\Misc Stu	ff\BLK-neonata	al.bak		
	Select the	e backup sets to i	restore:					
	Restore	TN-ame	Compone	nt Type	Server	Database	Position	First LSN
Connection		NICU backup	Database	Full	YOUR\BLK	NICU	1	729500000
Connection: YOUR\admin								
View connection properties								
Progress								
Ready								
"Tank"								

Make sure in options the "Overwrite database in choosen"

🧻 Restore Database - Neon	atal	
Select a page	🖺 Script 👻 🛐 Help	
Uptions	Restore options	ase ngs i backup ed database
	Restore the database files as:	
	Original File Name	Restore As
	NICUS_Data	C:\Program Files\Microsoft SQL Server\MS
	NICUS_Log	C:\Program Files\Microsoft SQL Server\MS
	Recovery state	
Connection	 Leave the database readulto 	use by rolling back uncommitted transactions. Additional
Server: YOUR\NEONATAL	 transaction logs cannot be re 	sstored.(RESTORE WITH RECOVERY)
Connection: YOUR\admin	 Leave the database non-ope transaction logs can be restored 	rational, and do not roll back uncommitted transactions. Additional red.(RESTORE WITH NORECOVERY)
Progress	 Leave the database in read- actions in a standby file so th 	only mode. Undo uncommitted transactions, but save the undo lat recovery effects can be reversed.(RESTORE WITH STANDBY)
C) Ready	Standby file:	

1.1. Unzip the ade_Frontend.zip by right clicking and choosing the option " Extract to ade_frontend/

Double Click on \rightarrow Open "Neonatal.ade" (it will hang for a considerable time as it tries invain to connect to the wrong server). It may give you a runtime error message.



Click the "OK" button .



Opening the MSAccess client

- Neonatal.ade is the runtime file
- Neonatal.adp is the native project file that can be edited, but it is recommended that and ade file is compiled for users after changes have been made

The security warning can be stopped by

- Turning Macro Security to low in MSAccess2003
- Adding the location of Neonatal.ade to Trusted locations in MSAccess2007





Neonatal Database	_ = X
Home Create External Data Database Tools	
View Paste	2 Reto Switch Find
Views Clipboard 19 Macro Name:	Form Windows • • Step Window
unhide Stop /	Il Macros
Condition:	ntinue
Action Name:	
RunCommand	
Argumencs: Error Number	er:
Neonatal Database	_ = X
Home Create External Data Database Tools	۲
View Paste A · Or · · · · · · · · · · · · · · · · ·	ter Size to Switch Find
Views Clipboard IP Font IP Rich Text Sort 0	k Filter Window
Neonatal Database	
The expression On Dbl Click you entered as the event property error: .	setting produced the following
* The expression may not result in the name of a macro, the name of a u Procedure).	ser-defined function, or [Event
* There may have been an error evaluating the function, event, or macr).
Show Help >>	
OK F	
	Click " OK"
	Click " OK"

Click on "File Icon" and choose Connection option as shown below.



🗟 Data Link Properties 🛛 🕅	Choose the server from the drop down menu. If it does not appear then press refresh.
Connection Advanced All Specify the following to connect to SGL Server data 1. Select or enter a server name: WWSBCSINEONATAL 2. Enter information to leg on to the server: © Use Windows NT Integrated security © Use a specific user name and password: User server	If still you cannot find then open Sevice Manager and copy server name from there.
Peesword: Blank persword Alow saving pessword 3 © Select the database on the server: Neonatal	
C Attach a database file as a database name: Neonatal Using the filename	Choose the " Neonatal" from the drop down men u
Text Connection OK Cancel Help	Lastly Click on test connection. It should show successful connection



The database backend has no Patient information in it but is configured for 'Liverpool Hospital' (code 'D209') as both the Server and the only Hospital. There is an administrator account for D209 with username 'admin' and password 'neo1'

eonatal Database v	2.1 - Security Logon		. One the frontend is
Neonatal D Server	atabase Logon So Liverpool Haspital	reen v	connected to the Server, close it
Password:		User Details	down and reopen to show the Logon
Enter	D atabase Ivnevic logged anto LIV	Exit	screen.

Note: Change the default setting in your computer to Australian Language. It will help the date and time to be reflected correctly. It will not effect English changes as long as you are using British English.

Start \rightarrow Settings \rightarrow Control Panel \rightarrow

- Standards and This option a dates and tir	d formats ffects how some programs format numbers, currencies,	
Select an iter your own forr	nte. m to match its preferences, or click Customize to choose nats:	gional uptions
English (Aus	tralia) 🗸 Customize	
Samples		
Number:	123,456,789.00	
Currency:	\$123,456,789.00	, dates, and times
Time:	12:47:47 PM	
Short date:	18/05/2009	
Long date:	Monday, 18 May 2009	Ranel icon
Location		
To help servi weather, sele	ces provide you with local information, such as news and ect your present location:	Regional and Language O
India	~	

Congratulations Neonatal Database is now completely installed.

Customization to local needs is dealt in detail in the "Customization.doc" the guides folder.