DERMETRICS Installation Guide





Table of Contents

1. Installation of LAN DERMETRICS	. 3
1.1. What is LAN DERMETRICS ?	. 3
1.2. Product support of LAN DERMETRICS	. 3
1.3. Licensing of LAN DERMETRICS	. 3
2. Standalone Installation schema	. 4
3. Windows and DERMETRICS 2.0 security	. 5
4. Multi-user Installtion schema	. 6
5. LAN installation using SQL Server 2000	. 7
6. Active Directory Installation	. 8
7. Computer security for locked down systems	. 9
7.1. Sharing the data folder	. 9
7.2. Setting DERMETRICS to point toward a remote server	. 9
8. DERMETRICS Full Install wizard	10
8.1. DERMETRICS Full Install	11
9. DERMETRICS only install wizard	16
9.1. DERMETRICS only Install	17
10. Acknowledgements and Notices	20
A. Revisions	20

1. Installation of LAN DERMETRICS

LAN DERMETRICS 2.0 is an extension to a standard-alone installation of DERMETRICS 2.0 and is a new feature added in DERMETRICS 2.0. LAN DERMETRICS allows multiple users to access the same data, for example a nurse takes scans of a patient in a clinic and then later a consultant reviews the scans taken in his office.

1.1. What is LAN DERMETRICS ?

- Multi-user support for DERMETRICS products.
- Uses SQL Server 2000 technology for stable transactional database access for multiple users
- Central access to shared data between users on a network

1.2. Product support of LAN DERMETRICS

- Support is built into LAN enabled products.
- Built on 'Pessimistic Locking' of data so only one person can edit a record at a time. This helps to keep your data up-to-date and reduces errors.

1.3. Licensing of LAN DERMETRICS

• Each computer has its own License that can only be used by one computer at anyone time on the network.

2. Standalone Installation schema

To understand how to setup LAN DERMETRICS you must first understand how the standalone schema works.

Note

Always install the Database and Data Folder to a local hard drive. Then if required move the Data Folder to another drive after DERMETRICS has been installed.

DERMETRICS 2.0 uses:

- Microsoft SQL Server 2000 technology for database storage.
- Windows folder to store large application data.

A standalone installation of DERMETRICS 2.0 looks like Figure 1 below and uses the Microsoft SQL Server 2000 Desktop Engine (MSDE2000), which is a cut down version of the full versions. This is NOT the same version as Microsoft Data Engine (MSDE) that you get with Microsoft Office 2000!



Figure 1 - Stand-alone installation

To install a standalone version of DERMETRICS follow the wizard instructions for a Full Install in this manual.

3. Windows and DERMETRICS 2.0 security

When you install DERMETRICS 2.0 on your computer the installer will create two local Windows Groups normally called **DERMETRICS Admins** and **DERMETRICS Users**.

These groups are given access to the Database and Data folder.

Windows Users should then be added to these groups to give the users access.



Figure 2 - Windows Security Groups and Users

Users are assigned to either Group to give them access to the database and Data folder using normal Windows User Management.

- DERMETRICS Users have restricted access to the database
- DERMETRICS Admins have full access and can upgrade the database

4. Multi-user Installtion schema

The LAN setup is an extension of the Standalone Installation Model. The simplest explanation is to share the Database and Data Folder with different computers. The users must exist on the host's computer with the same user name and password.

LAN Installation - Using MSDE2000



Second computer points to Host's Computers Database and Data folder

As you can see below setting up a LAN DERMETRICS installation is as simple as pointing DERMET-RICS to access the same Database and Data folder.



To install a multi user version of DERMETRICS as above follow the instructions in this manual for a Full Install for the Host computer. For the additional computer installations follow the instructions for the DERMETRICS only installation in this manual.

5. LAN installation using SQL Server 2000

This has been designed so that MSDE2000 and SQL Server 2000 installations work the same.



The Database and Data folder can be on different computers.



To install the DERMETRICS only for the additional computer installations follow the instructions for the DERMETRICS only installation in this manual.

6. Active Directory Installation

An Active Directory installation extends the Multi-user installation schema to include Active Directory Groups.

All you need to do is to create two Active Directory Groups and add them to the Local Windows Groups, and then add users to the Active Directory Groups instead of the local Groups.

This allows for multiple LAN DERMETRICS installations on the same network as it does not matter what the Active Directory Groups are called.



7. Computer security for locked down systems

- Local Administrators **automatically** get full access to the database and all the files on that computer.
- Normal users should **NOT** be part of the local Administrators group as this will give them full access to the computer, instead make them part of the 'DERMETRICS Admins' local group.
- When installing SQL Server 2000 a separate Windows User should be created, for example 'SQLServer', with access to the required files and folders needed to allow SQL Server to run. More information can be found in the SQL Server 2000 installation documentation.

7.1. Sharing the data folder

In order for other users to access the Data folder for DERMETRICS the administrator of the computer and network must share the Data folder and set the share Permissions.

- Add the two groups 'DERMETRICS Admins' and 'DERMETRICS Users' to have 'Read' and 'Change' but not 'Full Control'.
- Remove the 'Everyone' groups from the list.

Note

Permissions of the share are not the same thing as the local folder security permissions assigned when DERMETRICS was installed.

7.2. Setting DERMETRICS to point toward a remote server

When you first install DERMETRICS 2.0 on your computer default options are used. If DERMETRICS cannot find the default server then the warning dialog will ask you if you would like to check the server setting, this opens the Options dialog box.

- Change the server name including the instance name and database to the correct values.
- Server Name: SERVERNAME\D2
- DERMETRICS
- Change the path to the UNC share name
- \\SERVERNAME\D2_DATA

Note

ONLY SHARE THE 'Data' FOLDER NOT THE PARENT FOLDER.

Insert the DERMETRICS 2.0 CD into the drive of the computer.

The CD will start to run automatically and the wizard welcome screen will appear.



To continue accept the License agreement.

Dermetrics 2.0 - InstallShield Wizard		$\overline{\mathbf{X}}$
License Agreement Please read the following license agreement	carefully.	24
LICENSE TERMS		<u>^</u>
BETWEEN:-		
(1) Astron Clinica Ltd. a Com whose principal place of business is UK, CB3 7RL ("Licensor")	pany incorporated s at The Mount, To	in England oft, Cambridge,
/m	/_ :	r:
I accept the terms of the license agreeme	ent	Print
\mathbb{C} . I do not accept the terms of the license a	greement	
InstallShield		
	< <u>B</u> ack	Vext > Cancel

The next window displays the different options for installing DERMETRICS.

8.1. DERMETRICS Full Install

To install DERMETRICS and MSDE2000 to a computer with a new local database select **Full Install** from the options.

Dermetrics 2.0 - InstallShield Wizard			
Dermetrics Installation Type How would you like to install Dermetrics on this	computer.		
Please select what type of installation you would	d like:		
💽 Full Install 🔤 🔂	Install Dermetrics to this computer with a new local Database.		
C Dermetrics only	Just install Dermetrics to this computer.		
🔿 MSDE2000 Server Install 🛛 🙀 🥑	Install a new MSDE2000 Instance and Database to this computer.		
🔿 SQL Server 2000 Install 🧕 🧕	Install the database to an existing local SQL Server 2000 that has already been setup		
InstallShield			
	< Back Next> Cancel		

A window explaining important information about the installation will be displayed. **Click** on **Next** to continue.

Dermetrics	2.0 - InstallShield Wizard 🛛 🛛 🔀
Windows 9 Important I	Security Information nformation about actions you should know about!
Bel cor	ore you continue this installation, as you are installing a database on this nputer you should be aware of the following actions that will take place.
1.	Dermetrics Windows Groups Creation. The installer will create two Window Groups on this computer.
	Recommended names are 'Dermetrics Admins' and 'Dermetrics Users'
2.	Data Folder permissions
	The installer will assign access rights to the Data folder for the two groups that will be created by the installer. If you move the Data folder then you will need to check the that the permissions are correct.
InstallShield —	
	< <u>B</u> ack <u>Next</u> > Cancel

A destination for the DERMETRICS installation is required. A default destination is already shown but this can be changed by **Clicking** on the **Browse** button. When completed **Click** on **Next**.

Dermetrics 2.0 - InstallShield Wizard		
Choose Destination Location Select folder where setup will install files.		NEX.
Setup will install Dermetrics 2.0 in the following	folder.	
To install to this folder, click Next. To install to another folder.	a different folder, click Brow	vse and select
Destination Folder C:\Program Files\Astron Clinica\Dermetrics 2	.0\	Browse
InstallShield	< <u>B</u> ack (<u>Next</u>)	Cancel

The next window requires a handset to be chosen. As default the SIAscopeV drivers will be installed but previous handset drivers can be chosen. If you are unsure which handset you have please contact your local Astron Clinica support team for advice before proceeding.

Dermetrics 2.0 - InstallShield Wizard	×
Addition Scanner Drivers Older scanner drivers are needed if you don't k	now pick AVT.
The Installer will automatically install the select an older scanner from the list belo	SIAscopeV device driver but please w and then click Next.
 AVT Scanner SONY Scanner 	ar
InstallChield	
installonielo	< <u>B</u> ack <u>N</u> ext> Cancel

The database and data folder destination folder can now be set. A default location is already chosen but this can be changed by **Clicking** on the **Browse** button.

ermetrics 2.0 - InstallShiel	d Wizard 🛛 🛛 🔀
Database and Data Folder Io	cation
Where do you want the LOCAL the Data folder after installation	Database and Data Folder to be located? You can move
Destination Folder	
Destination Folder	B <u>r</u> owse
Destination Folder C:\D2 stallShield	Browse

A database name and server name must now be set up. When complete **Click** on **Next**.

Dermetrics 2.0 - InstallShield Wizard	×
SQL Server 2000 or MSDE2000 Instance	Name
Please enter the name of the local instance you Server 2000) configure or (MSDE2000) install.	u want to (SQL
Please enter the name of the MSDE2000 of the database otherwise leave them as their	or SQL Server 2000 instance and the name of r default values then click Next.
NOTE: The instance names should be kep when joined to the computer name.	at short, as long names can be truncated
SQL Server Instance Name:	D2
Database name:	Dermetrics
InstallShield	
	< <u>Back Next></u> Cancel

Next the names of the two local windows groups that are going to access the data must be entered.

Dermetrics 2.0 - InstallShield Wizard	×
Windows Security Group Names Please enter the Windows Group names, they given access to the Database and Data folder	will be created and r.
Please enter the names of the two Local access the data used in Dermetrics, then	Windows Groups that are going to be used to click Next.
Users that are added to the Dermetrics Ad perform upgrades and other administrative the Dermetrics Users Group will only be at	dmins Group will have additional rights to a tasks whereas Users that are added to ble to use the Dermetrics software.
Dermetrics Admin Group Name:	Dermetrics Admins
Dermetrics User Group Name:	Dermetrics Users
InstallShield	
	< <u>B</u> ack <u>Next></u> Cancel

The wizard is ready to begin the installation, **Click** on **Install** to begin.

Dermetrics 2.0 - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your in the wizard.	stallation settings, click Back. Click Cancel to exit
InstallShield	
	< <u>B</u> ack <u>Install</u> Cancel

A software installation warning window will appear. **Click** on **Continue Anyway** to proceed with the installation.

<u>.</u>	The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why</u> <u>this testing is important.</u>)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.

The SQL database set up will also be completed during this process and messages about its progress will be displayed on the screen. Any additional software needed will also be installed at this stage.

When the DERMETRICS installation is complete Click on Finish



Insert the DERMETRICS 2.0 CD into the drive of the computer.

The CD will start to run automatically and the wizard welcome screen will appear.



To continue accept the License agreement.

Dermetrics 2.0 - InstallShield Wizard		
License Agreement Please read the following license agreement car	efully.	LEA.
LICENSE TERMS		
BETWEEN:-		
(1) Astron Clinica Ltd. a Compa whose principal place of business is a UK, CB3 7RL ("Licensor")	ny incorporated in E t The Mount, Toft, (ngland Cambridge,
		»\
I accept the terms of the license agreement		Print
$\mathbb C$ I do not accept the terms of the license agre	ement	
InstallShield		
	< <u>B</u> ack <u>N</u> ext >	Cancel

The next window displays the different options for installing DERMETRICS.

9.1. DERMETRICS only Install

To install DERMETRICS select **DERMETRICS only** from the options.

Dermetrics 2.0 - InstallShield W	/izard		
Dermetrics Installation Type How would you like to install Dermetri	ics on this	computer.	
Please select what type of installation	i you would	d like:	
C Full Install	sqr 🧕	Install Dermetrics to this computer with a new local Database.	
Dermetrics only		Just install Dermetrics to this computer.	
MSDE2000 Server Install	SQL 	Install a new MSDE2000 Instance and Database to this computer.	
C SQL Server 2000 Install	9	Install the database to an existing local SQL Server 2000 that has already been setup	
nstallShield			
		< <u>B</u> ack <u>N</u> ext > Cancel	

A destination for the DERMETRICS installation is required. A default destination is already shown but this can be changed by **Clicking** on the **Browse** button. When completed **Click** on **Next**.

ermetrics 2.0 - InstallShield Wizard Choose Destination Location		
Select folder where setup will install files.		a second
Setup will install Dermetrics 2.0 in the followin	g folder.	
To install to this folder, click Next. To install to another folder.	o a different folder, click B	Frowse and select
Destination Folder		
C:\Program Files\Astron Clinica\Dermetrics	2.0\	B <u>r</u> owse
stallShield		
	C Poole	aut. Cancel

The next window requires a handset to be chosen. As default the SIAscopeV drivers will be installed but previous handset drivers can be chosen. If you are unsure which handset you have please contact your local Astron Clinica support team for advice before proceeding.

Dermetrics 2.0 - InstallShield Wizard	$\overline{\mathbf{X}}$
Addition Scanner Drivers Older scanner drivers are needed if you don't know pick AVT.	124
The Installer will automatically install the SIAscopeV device select an older scanner from the list below and then click Ne	driver but please ext.
AVT Scanner	
C SONY Scanner	
InstallChield	
< Back	Next > Cancel

The wizard is ready to begin the installation, **Click** on **Install** to begin.

Dermetrics 2.0 - InstallShield Wizard	$\overline{\mathbf{X}}$
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your in the wizard.	nstallation settings, click Back. Click Cancel to exit
InstallShield	< <u>B</u> ack [<u>Install</u>] Cancel

A software installation warning window will appear. **Click** on **Continue Anyway** to proceed with the installation.



The set up will also install any additonal sofwtare needed to run DERMETRICS.

When the DERMETRICS installation is complete Click on Finish

Dermetrics 2.0 - InstallShield Wizard				
	InstallShield Wizard Complete Setup has finished installing Dermetrics 2.0 on your computer.			
	< Back Finish Cancel			

10. Acknowledgements and Notices

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Table A.1. Revisions

Revision No	Revision Description	Date
Revision 0.1	First draft composed	05/04/2006
Revision 0.2	Front Cover and Formating changed	24.05.2006