

How to set up an AQUIS/TERMIS server

- **Install Windows and Office if not pre installed.**
- **Suggested credentials:**
 - i. User name: Termis/Aquis
 - ii. Computer name: Termis/Aquis-xxx (where xxx is name of the city where installation is made)
 - iii. Password: Termis/Aquis
- **Create a D-drive**
 - i. If there's not already a D-drive, then go to Control Panel -> System configuration. Make C-drive smaller and format the non-allocated memory as a D-drive.
 - ii. Suggested name: Data
- **Create folder: "Project Files\xxx (city name)" on D-drive and Share it.**
 - i. Copy template file structure from \\7t-file\workdoc\Project Management\Templates\Default Project Files Template
- **Computer must start up WITHOUT login.**
 - i. In the start menu search line, type **netplwiz** or in the run menu, type **control userpasswords2**. Select the **advanced** tab and remove the check mark in **Require users to press Ctrl +Alt +Delete** box.



- ii. Specify which user to be logged on automatically. This is done differently depending on the pc being part of a WORKGROUP or a DOMAIN. Page 2 of 4

a) WORKGROUP

- Click on the **user account name**, that you want to have automatically log on at startup, to highlight it. (See screenshot)
- Uncheck the **Users must enter a user name and password to use this computer** box. (See screenshot)
- Click on **OK** and enter account credentials.



b) DOMAIN

- Open Registry group: HKLM\Software\Microsoft\Windows NT\CurrentVersion\Winlogon\ Create or edit the following keys (all strings):
 - DefaultUserName = [User Name to logon automatically]
 - DefaultPassword= [Password for user to logon automatically]
 - DefaultDomain = [Domain name to log on to]
 - AutoAdminLogon = 1

● **Make sure PC doesn't sleep when not used.**

- i. In Control Panel\All Control Panel Items\Power Options>Edit Plan Settings set **Put the computer to sleep** = Never
- ii. Path in Danish Windows: Kontrolpanel\Strømstyring\Rediger indstillinger for strømstyringsmodel

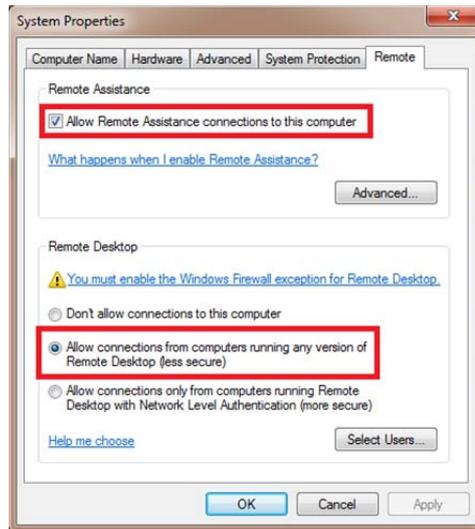
● **Set Windows to NOT update automatically.**

- i. In Control Panel\All Control Panel Items\Windows Update\Change settings set **Important updates** = Check for updates but let me choose whether to download and install them
- ii. Path in Danish Windows: Kontrolpanel\Windows Update\Skiift indstillinger

● **Allow remote access to PC**

- i. In Control Panel\All Control Panel Items\System click on **Remote settings** and check **Allow remote assistance...** and **Allow connections for computers...** (see picture below)

- ii. Path in Danish Windows: **Kontrolpanel\System** click on **Indstillinger for fjernforbindelse**



● **Install the desired programs.**

- i. TERMIS, AQUIS, Data Manager, Load Forecaster, Watchdog, Team Viewer...
- ii. Place all installation files in the directory Project Files\xxx\Installation Files\xxx

● **Create a vba-script that autostarts the desired programs:**

Windows will automatically start all applications which have a shortcut placed in the **Startup** folder of the **Start** menu. However, this may lead to start up errors as the applications are starting before Windows is fully up and running. To prevent this, the applications can be started via a script which is started from the **Startup** folder. To do this follow these steps:

- i. Create an empty text file, located anywhere on the pc, and name it e.g. 7T_AutoStart.vbs; it is important that the extension is **vbs** as Windows will then treat this file as a **Visual Basic Scripting** file and the commands given in the file will be executed.
- ii. Enter the relevant sections of the default VB script given below in the **section Default VB Script**.
- iii. Create a shortcut to the vbs-file in the Windows **Startup** menu.

● **Default VB Script**

'VB Script to be used to start all 7T applications on pc start-up.

'Place a shortcut to this vbs-file in the Startup group in All programs.

'Disable sections not used by writing an ' at the beginning of the code lines which shall not be executed.

Option Explicit

Dim app

'Wait one minute before starting any application.

Pause 60

'Start Data Manager OPC Client.

```
app = ""C:\Program Files\7T\Data Manager 2.0\Exe\DMOPC.exe""
Call RunApp(app)
Pause 30
```

'Start Data Manager.

```
app = ""C:\Program Files\7T\Data Manager 2.0\Exe\dm.exe""
Call RunApp(app)
Pause 60
```

'Start Load Forecaster.

```
app = ""C:\Program Files\7T\Load Forecaster\LoadForecaster.exe"" ""D:\Project Files\XXX\Load Forecaster\YYY.lfc"" /RT"
Call RunApp(app)
Pause 30
```

'Start Leakage Management System.

```
app = ""C:\Program Files\7T\LeakDetection\Exe\7TLD.exe"" ""D:\Project Files\XXX\Leakage Management
System\SWSC_LMSDB.mdb"" /RT"
Call RunApp(app)
Pause 30
```

'Start AQUIS Operation Master

```
app = ""C:\Program Files\7T\AQUIS2\AQUIS2.exe"" \RECOVER \MASTER"
Call RunApp(app)
```

'Start AQUIS Operation Operator

```
app = ""C:\Program Files\7T\AQUIS2\AQUIS2.exe"" ""D:\Project Files\XXX\AQUIS Operation\Model\YYY.7tg"" \OPERATOR"
Call RunApp(app)
```

```
Function RunApp(appToStart)
```

```
dim wsh
```

```
set wsh = CreateObject("wscript.shell")
```

```
wsh.Run appToStart
```

```
set wsh = Nothing
```

```
End Function
```

```
Function Pause(secondsToSleep)
```

```
Dim tWait
```

```
tWait = timer + secondsToSleep
```

```
do while timer < tWait
```

```
  'loop
```

```
loop
```

```
End Function
```