

Integração do DR 3900 em uma rede local (LAN)

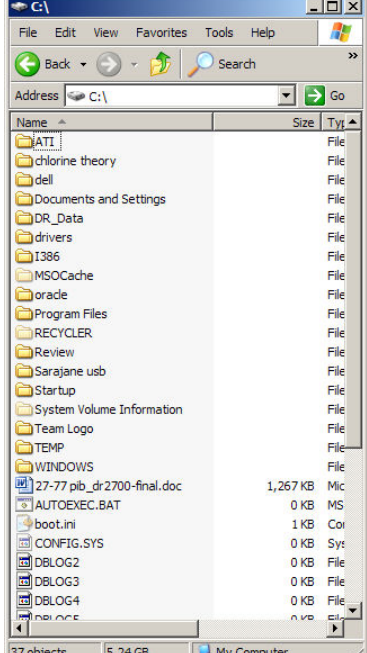
1. Estabeleça uma conexão Ethernet física entre o DR 3900 e a rede usando um cabo Ethernet.
2. Configure o computador de rede (sistema de destino) conforme descrito abaixo.
3. Configure o DR 3900 como descrito abaixo

Introdução

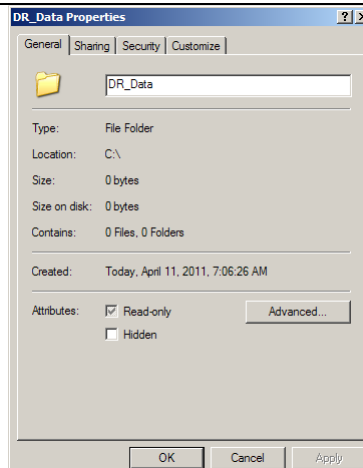
O DR 3900 foi projetado para enviar medições e outros dados diretamente para uma pasta em um sistema de arquivos Windows, desde que os seguintes pré-requisitos sejam atendidos:

- A estrutura de pastas para o armazenamento de dados foi estabelecida no sistema de destino. A estrutura padrão é C: \ DR-Data, mas isso pode ser configurado livremente, desde que as duas configurações (no DR 3900 e no sistema de destino) correspondam.
- A estrutura de pastas no sistema de destino deve ser compartilhada. Conceder acesso total a todos (descrito abaixo) ou com acesso limitado ao usuário e senha padrão definidos no DR 3900 (Usuário: DR_XXXX / Senha: DR_0000) ou em uma configuração livre (correspondente).
- O usuário DR_XXXX (usuário padrão definido no DR 3900) deve ser estabelecido no sistema de destino.
- O DR 3900 foi registrado na rede usando um endereço IP dinâmico (DHCP) ou fixo.
- As informações sobre o servidor de rede (computador) foram inseridas no DR 3900 (nome do computador / servidor usado na rede ou endereço IP fixo).

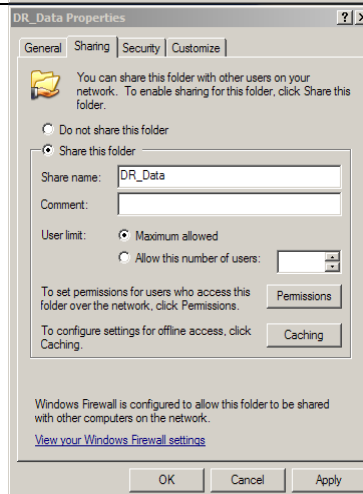
Configurar computador de rede

Ação	Captura de Tela
A seguinte pasta deve ser estabelecida no PC: C: \ DR_Data (padrão, pode ser alterado, mas também deve ser alterado no DR 3900 para corresponder).	

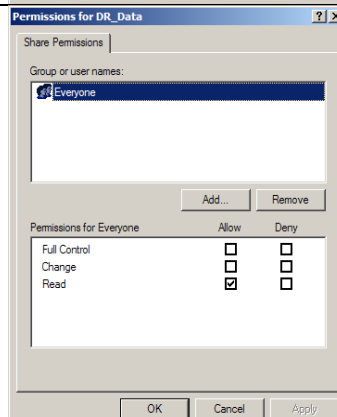
Compartilhe a pasta: clique com o botão direito na pasta no explorer e escolha "propriedades"



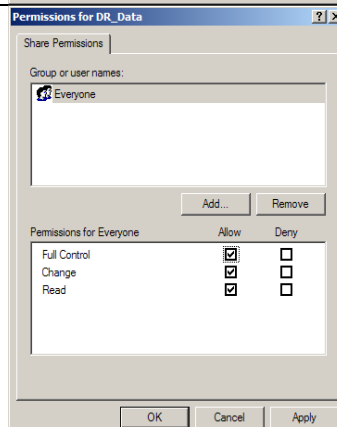
Clique na guia "compartilhamento" e escolha "compartilhar esta pasta"



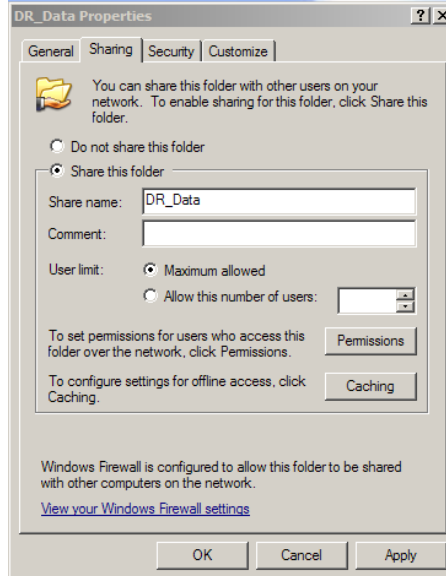
Click on 'permissions'



Chose 'everyone' and check 'full control'+ 'change'+ 'read'

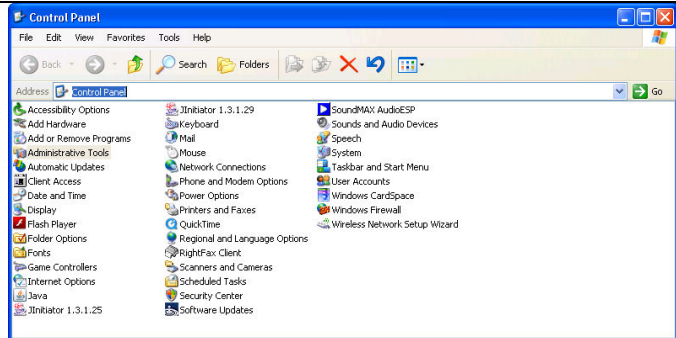


Click on 'Apply' then OK to close window

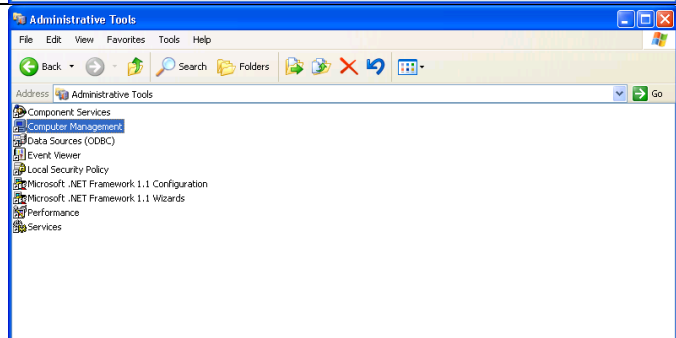


Click 'Apply' then OK to close other window

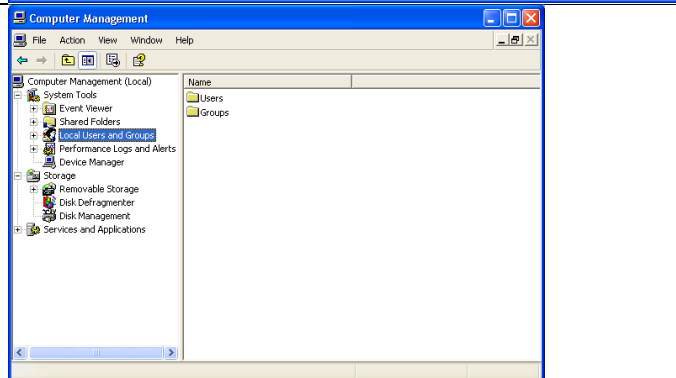
Establish the new user DR_XXXX on the system via 'Start' > 'Settings' > 'Control Panel'



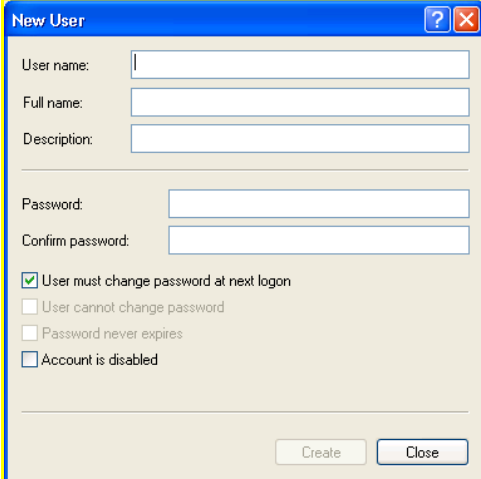
Chose 'Administrative Tools'



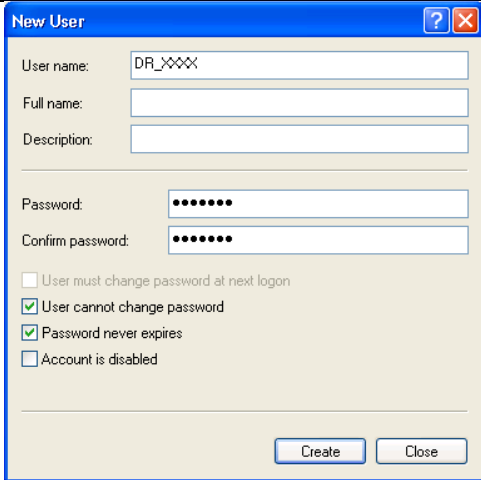
Chose 'Computer Management'



Open the 'Local Users and Groups' > 'Users'
 Right click on 'Users' Folder > Select 'New User'

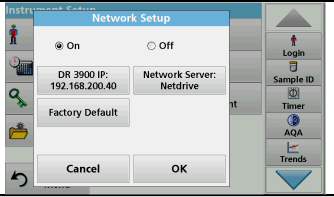
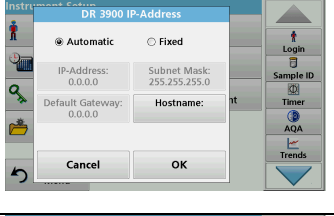


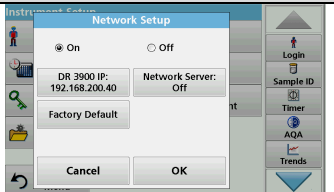
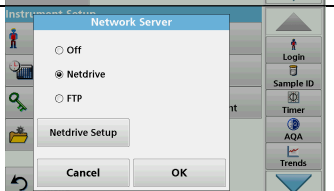
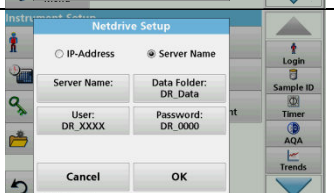

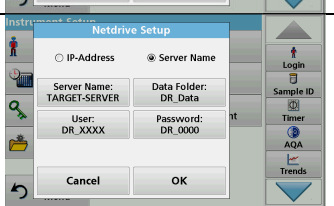


Enter Username: DR_XXXX
 Enter Password: DR_0000
 Re-enter Password: DR_0000
 Uncheck: User has to change password
 Check: User cannot change password
 Check: Password never expires
 Un-check: Account is disabled
 Click 'create'
 Click 'close'

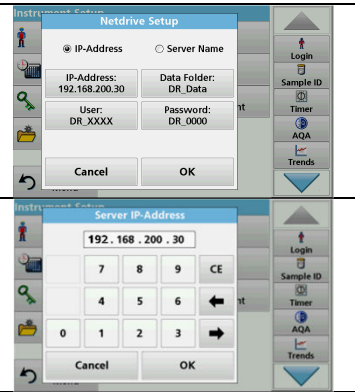


Setup DR 3900

Action	Screenshot
From the main menu chose 'instrument setup'	
Chose PC & Printer	
Click on Network and click 'Setup'	

<p>Select 'On'</p>	
<p>Settings for the IP address of the DR 3900 in the network</p>	
<p>Click on DR 3900 IP – default is 'Automatic' (for DHCP)</p> <p>IMPORTANT NOTE: A hostname should be entered if the DR 3900 is supposed to be contacted by other instruments such as controllers in a LINK2SC network – please contact your IT department for a valid host name!</p>	
<p><u>Alternatively</u> a fixed address and subnet mask can be set, by selecting 'Fixed' and ...</p>	
<p>....entering the right addresses using the buttons 'IP-Address', 'Subnet Mask'.</p> <p>IMPORTANT NOTE: Please contact your IT department to get an appropriate IP address and subnet mask.</p>	
<p>Settings for the network server (computer) / target system</p>	
<p>Click on 'Network Server'</p>	
<p>Click on 'Netdrive'</p>	
<p>Click on 'Netdrive Setup'</p>	
<p>Specify the network server by entering the server name</p> <p>IMPORTANT NOTE: Please contact your IT department to get the correct server name.</p>	
<p>Optional: You may change the name of the Data Folder, the User name and the password.</p> <p>IMPORTANT NOTE: They have to match with the settings on the target system/Network computer.</p>	

Alternatively you can specify the network server by using a fixed IP-address.



DR 3900 - Error Messages and Trouble Shooting

Main Message	Details	Error Analysis
<p>Automatic retrieval of the local IP-address failed! Please check the connection and contact your administrator.</p>	<pre>udhcp (v1.12.4) started Sending discover... Sending discover... No lease, failing</pre>	<p>Either the physical network connection is interrupted or the server (DHCP) does not respond. Check physical network connection.</p>
<p>Remote server unreachable! Please check the connection and contact your administrator.</p>	<pre>PING 10.130.31.134 (10.130.31.134): 56 data bytes --- 10.130.31.134 ping statistics --- 1 packets transmitted, 0 packets received, 100% packet loss</pre>	<p>The network server is not responding. Make sure that the network server is online.</p>
<p>Remote server unreachable! Please check the connection and contact your administrator.</p>	<pre>ping: bad address 'EWQDUSNB132'</pre>	<p>The fixed address of the DR 3900 is not accepted in the network. Change to 'automatic'. The server name entered for the network server is not correct. Enter correct server name.</p>
<p>Mounting network drive failed! Please check the connection and contact your administrator.</p>	<pre>mount error 13 = Permission denied</pre>	<p>The server which is contacted using the IP address entered for the network server does not grant access. Check the entered IP address.</p>
<p>Mounting network drive failed! Please check the connection and contact your administrator.</p>	<pre>retrying with upper case share name mount error 6 = No such device or address</pre>	<p>The target folder does not exist or is not shared. Make sure the folder exists on the target system and is shared.</p>