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ScanStation C10 - Establishing a Remote Desktop Connection

## Description:

When the C10's onboard touch screen is not responding anymore the MMI can also be controlled via a connected computer using the Windows Remote Desktop Protocol (RDP).

## Version / Scanner Type:

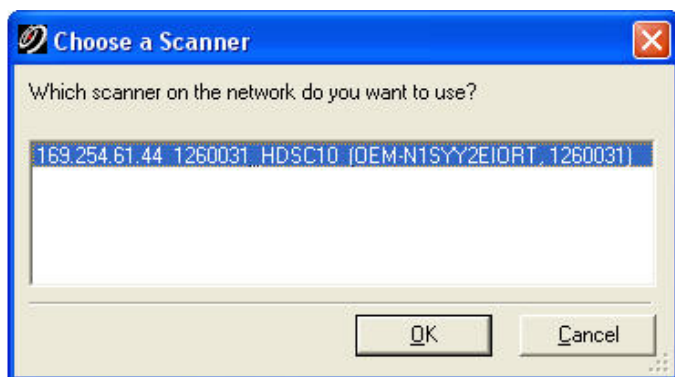
ScanStation C10

## Workflow:

To set up a remote desktop connection to ScanStation C10, the scanner has to be connected to a local network or directly to the computer by using the ScanStation C10 data cable.

### Detect IP-address for connection using Cyclone ScanControl

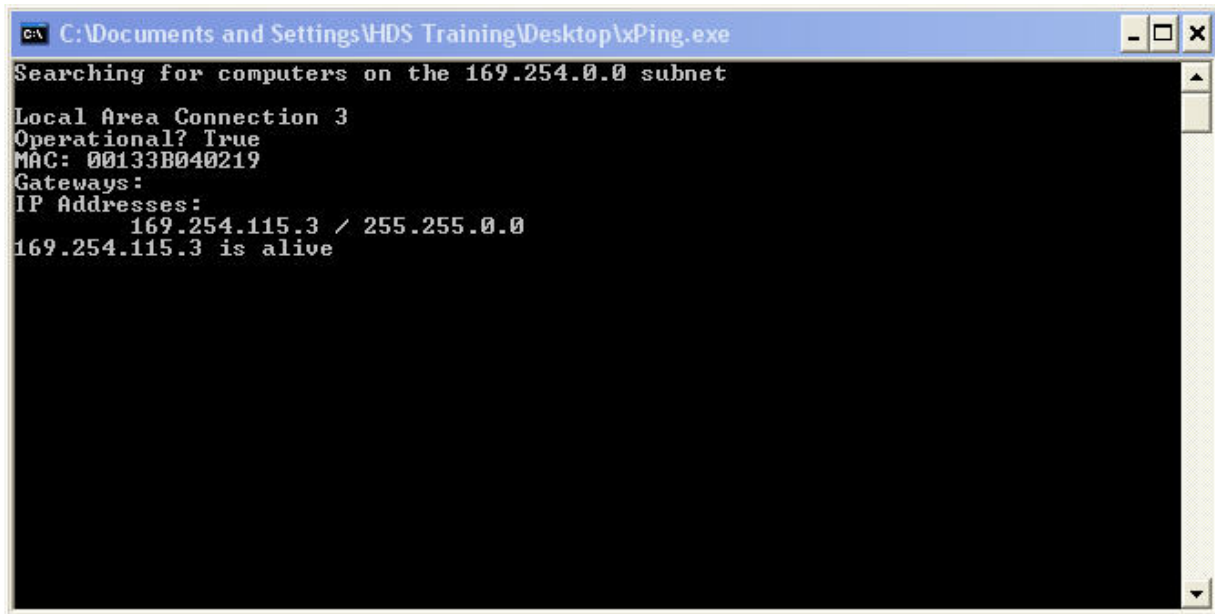
1. Boot up the scanner and connect it to the computer using the data cable
2. Launch Cyclone 7
3. Launch ScanStation C10 Scan Control
4. Select a Project window appears -> press Cancel
5. Click on Scanner -> Connect
6. Choose a Scanner window appears -> All scanners within the network are listed with their IP addresses.



7. Note the IP address of the appropriate scanner

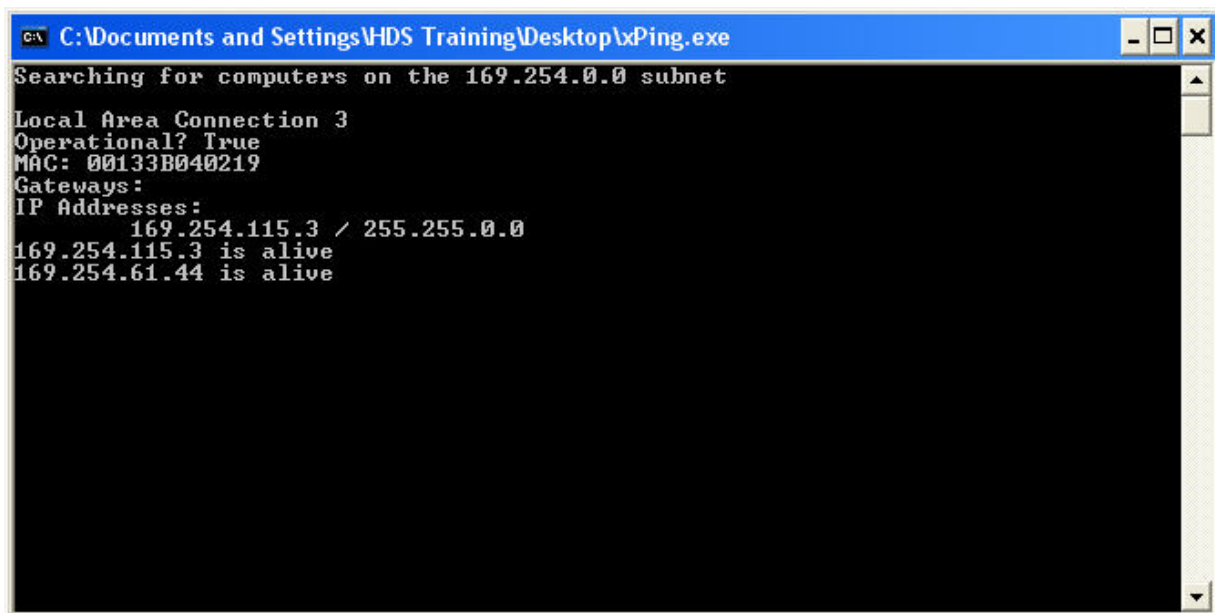
### Detect IP-address without Cyclone installation using the Xping tool (attached Xping.exe)

1. Boot up the scanner and connect it to the computer using the data cable
2. Run the xping.exe
3. a DOS-box appears and shows your computer's IP-address



```
C:\Documents and Settings\HDS Training\Desktop\ipPing.exe
Searching for computers on the 169.254.0.0 subnet
Local Area Connection 3
Operational? True
MAC: 00133B040219
Gateways:
IP Addresses:
169.254.115.3 / 255.255.0.0
169.254.115.3 is alive
```

4. After a while a 2nd IP-address appears 169.254.61.44 (Scanner's IP)



```
C:\Documents and Settings\HDS Training\Desktop\ipPing.exe
Searching for computers on the 169.254.0.0 subnet
Local Area Connection 3
Operational? True
MAC: 00133B040219
Gateways:
IP Addresses:
169.254.115.3 / 255.255.0.0
169.254.115.3 is alive
169.254.61.44 is alive
```

5. Note the IP-address of the appropriate scanner and close the DOS-box

## Establish the the Remote Desktop Connection

1. Click on the Windows Start button
2. Navigate to Programs -> Accessories -> Remote Desktop Connection
3. The Remote Desktop Connection window appears



4. Enter the IP-address of the appropriate scanner within the Computer field and press connect
5. The Connection Bar with IP address appears on the top of the screen. After a few seconds the Log-on to Windows window is displayed to log on the scanner.  
Enter "sbc" within the User name field.  
Enter "sbc" within the Password field. Press OK.



6. After a few seconds the desktop of the scanner appears on the screen. In case most of the screen is white and just the ScanStation C10 MMI is displayed within the upper left corner, press any control within the MMI. The desktop will appear afterwards and the MMI will be displayed in the center of the screen.
7. To minimize the Remote Desktop press the Minimize icon within the Connection bar. In case the Connection bar is not visible within the screen, move the mouse pointer to the top of screen. The Connection bar will appear.
8. To close the Remote Desktop press the Cancel cross within the Connection bar.

Now the Mouspointer can be used like the stylus for navigating the MMI and control the scanner.

This should not be used for scanning operation as Leica Geosystems does not guarantee data integrity using this connection.