Configuring the T-Link for Uploading/Downloading Operation using the DLS2002SA Software and TL1 Server

Connecting the T-Link to the Control Panel

DSC

- 1. Remove power from the panel before making any connections to the T-Link module.
- 2. Connect the 12 VDC and the GND to the AUX output of the control panel.
- 3. Connect the Network Connection to the RJ45x.
- **4.** Connect the supplied four pin connector from the T-Link to the PC-Link header of the control panel.



Programming the T-Link

Section [001]	T-Link IP Address
Section [002]	Subnet Mask
Section [003]	Receiver IP Address (The computer's IP Address)
Section [004]	T-Link Gateway
Section [999]	Restart your T-Link, enter data [55] in Section [999]

Setting up the TL1 Server Software:

1. Download the TL1 Server from the DSC website

Go to www.dsc.com and login to the website. Go to Products \rightarrow Software \rightarrow SurGard and a new web page will appear. Scroll down the page. Below the heading "T-Link Ethernet Communicator", save the following file to your computer:

TL1 Server V1.0 (14.7MB-exe)



2. Install the TL1 Server Software

Double-click on downloaded file and follow the Wizard to install the TL1 Server Software. Once installed, the icon (shown below) will appear on the desktop. Double-click on the icon to run the program.



3. Logging in to theTL1 Server Software:

TL1 Server V1.0 Login
Login Name
admin
Password

QK X Cancel

Log in by entering the correct Login Name and Password.

Login Name	admin
Password	password

4. Password Expired:

TL1 Server Information
Your password has been expired. Please change the password.

The following 'password expired' message will appear. This is done for security reasons to ensure the password is changed from default to prevent unauthorized access. Click the '*Done' button*.





5. Change the Password:

	TL1 Server Change Password 🛛 🔀
	Old password
\langle	New password
\langle	New password re-entered for verification
$\left(\right)$	

Enter the new password and re-enter the password for verification in the correct field, then click 'OK'.

Note: The expiration date of the password may be extended under the USER MANAGEMENT tab

6. Verify the T-Link Account is Active:

🚇 TL1 Server V1.0	Main 📃 🗖 🗙
<u>F</u> ile ⊻iew <u>T</u> ools <u>H</u> elp	
Log out Configure	Image: AboutImage: AboutAboutExit
Log in/Log out	Server Status T-Link 1xx Accounts SIA Messages User Management Logs
Server Status	T-Link Server Started DLS Server Started SA Server Started Active Connections - 1
Refresh Status	DLS IP Address:
T-Link 1xx Accounts SIA Messages User Management Logs Mode - Administrator	0 Account Active 10.0.21.4 Account Inactive DLS Session Active - Account not defined ! Account Not Defined - Active SA Session No Account No Account

The Server Status is used to indicate the status of each T-Link module connected:

Grey box:No account connectedGreen box:T-Link module activeBlue box:T-Link module connected but not defined





To view the IP address programmed for any active account, simply roll the mouse over the green or blue box. The IP address will be displayed in the bottom left part of the screen.

Note: The TL1 Server must be running in order to connect to the panel via the DLS2002 SA software.

Setting up the DLS2002SA Software

1. Download the DLS2002SA Software:

Go to www.dsc.com and login to the website. Go to Products \rightarrow Software \rightarrow DSC/DLS and a new web page will appear. Under the pull-down menu select DLS2002SA and a new web page will appear. Scroll down the page, and below the heading 'DLS2002SA Main Program (Required Files)' save the following files to your computer:

DLS_2002SA_Engine_Only_Setup - 18.1MB DLS_2002SA_SP2 (Service Pack) - 18.9MB

Below the heading 'DLS2002SA Drivers' save the following files:

DLS2002 TL-250 Driver.exe DLS_2002SA_PC4020_V3.3.exe, DLS_2002SA_PC4020_V3.5.exe or DLS2002 PC5020 v3.2SA.exe (it is only necessary to download the specific panel driver for the panel that you are using)

2. Install the Downloaded files:

Double-click and install each of the downloaded files in the order listed below:

DLS_2002SA_Engine_Only_Setup - 18.1MB DLS_2002SA_SP2 (Service Pack) - 18.9MB DLS2002 TL-250 Driver.exe DLS_2002SA_PC4020_V3.3.exe, DLS_2002SA_PC4020_V3.5.exe or DLS2002 PC5020 v3.2SA.exe (it is only necessary to install the specific panel driver for the panel that you are using)

3. Run the DLS2002SA Software:

Once the software has been installed, the icon (shown below) will appear on the desktop. Double-click on the icon to run the DLS2002SA software:



4. The Security Stamp is used to encode every customer file to prevent unauthorized copying of the files. Enter a Security Stamp (up to 32 characters, case-sensitive) and click the '*Finish*' button. Keep record of the Security Stamp as it will be needed if the software ever has to be reinstalled.





5. DLS2002SA Software Log in

DSC

Logon				
A	User Name DSC	_(ОК	ļ
Ť	Password		Cancel	I
	John Charles		Help	I

Enter the user name and password listed below to log on to the DLS2002SA program:

User Name	DSC
Password	1234

6. Create a New Folder:

63.6	Netw Access and	Chil+N				% Complete		1.		
4	New Account via Template	Ctrl+T	1			Transmission Status		g DSC		
	New Folder	Ctrl+E				● 00.00	00.00	Logon Fri Feb 3, 2006 at 6:24	PM	
2	Driete	Dif								
	Dename Note - Follow	12	t Workspace						×	
3	Un-Archive Folder									Nothin
1	Connect to Folder		s Displayed 0							view
4	Decomect		1	Panel	Panel	Jaminn	Panel Phone	Last Called	LastC	
	Print Account List	Ctrl+P		All Panels	AliVer	sions	All	All	All	
	Loopet	Ctri+i								
	Logout and Clear Username	Ctrl+Shift+L								
	Ext									
-		1.1	-							

Once you logged into the DLS2002SA software click 'File' then click 'New Folder'. The following box will appear:





Enter the name for the folder to be created, then click 'Create".

7. Verify the New Folder is Created:

			Sr Complete		180		
Welcome To DLS			Transmission Statu	· () 00 00	DSC Logon Tue Feb 7, 2006 at 12:36 PM		D
🗋 🖹 🛪 🗐 🐐							
Account Workspace	DSC Accounts Physical Path: C1/D Accounts: 0 Accounts Displaye Date Created: Twe	LSIFoldersi,DSC Accounts d. 0 Feb 7, 2006, 12:41 PM				×	Nothing display in view
all Scheduled Outgoing	Account Name	Panel	Panel Version	Panel Phone	Last Called	LastC	
C Templates	Al	Al Panels	AR Versions	All	All	All	

Verify the new folder has been created and is displayed below the Account Workspace section.





Quick Install Guide

8. Creating a New Account:

-	Edit View G Tools	whook hep							
2	New Account New Account via Template	Ctrl+N Ctrl+T			% Complete Transmission St	stus	g DSC		6
	New Folder	Ctri+E	-		⊙ 00.00	0.00	Logon Fri Feb 3, 2005 et 5.11 PM		
44	Didete Rename Archive Folder Un-Archive Folder	DH F2	f Workspace	•				×	Nothin
1	Connect to Folder Disconnect		s Displayed 0	Panel	Panel Version	Panel Phone	Last Called	Last C	view
	Prest Account Lost	Chiel		All Panels	All Versions	All	Al	Al	
	Logout Logout and Clear Username	Ctrl+L Ctrl+Shift+L							
	Ext								

Click 'File' then click 'New Account'.

9. Entering the Account Information:



Enter an Account Name, Panel Type and Panel Version, then click 'Next'.







10. Entering the TCP/IP Settings:

TCP/IP Settings		×
		<u></u>
IP Address:	10 . 0 . 21 . 4	Older DSC panels do not
TCP/IP Wait Time	12	connections, refer to the
TCP/IP Port	3062	for TCP/IP connection
Connect to TLink 1	>	information.
Encryption Key		
Receiver IP Address:	0.0.0.0	
Recevier Port	3064	
Receiver Password	slololok	
TLink Account Identifier		Update Now
< <u>E</u>	Back Next>	Cancel <u>H</u> elp

Enter the IP address of the T-Link in the appropriate field. Select the Connect to T-Link 1 box (so it has a checkmark), then click '*Next*'.

Note: Do not use leading zeros when entering the IP address

11. Entering the Customer's Information:

Customer Information				X
Customer Information			<u>C</u> lear	
Description	Properties			
Company	DSC			
Contact	John Smith	-		
Department	Technical Support			
Extension				
Address	3301 Langstaff Road			
City	Concord			
Province/State	Ontario			
Postal/Zip Code	L4K 4L2			
Voice Telephone Number				
Email Address				
<	Back	Cancel	<u>H</u> elp	

Enter the customer's information (if required), then click 'Next'.





12. Entering Additional Comments:

Additional Comments	X
Additional Comments	<u>C</u> lear
Commercial Fire Installation.	^
	v
< <u>B</u> ack Next> Cancel	Help

Enter any additional comments (if required), then click 'Next'.

13. Select the Folder to Store the New Account:

Loc	ation	X
	hoose a Location for this New Account	
	< Back Finish Cancel Help	

Click the folder to store the new account into. The Folder should be highlighted, then click *'Finish'*.







14. Verifying the New Account is Created:



The account should be displayed. If not, verify the correct folder is highlighted in the Folder List on the left side of the screen.

15. Adding TCP IP Support:



Click 'Tools' then click 'Modem Configuration'. The following box will appear:







Modem Configuration			? 🗙
General Outgoing Incor	ning		1
The following modems ha	we been setup)	
Digital Security Controls DSC PC-Link Direct Conr	MD12 v1.1 nection		
Add	emove	<u>P</u> roperties	
	ОК	Cancel	<u>H</u> elp

TCP IP support must be added to the DLS2002 software. Click 'Add'.

Add Modem		
Select the modem that you wish to add from the list of supported modems provided below		
TCP IP Connection		
OK Cancel		

Use the pull-down menu to select 'TCP IP Connection', then click 'OK'.

16. Configure Outgoing Calls to use TCP IP Connection:

Modern Configuration
General Outgoing Incoming
Select the modern that you wish to use for all outgoing calls
TCP IP Connection
OK Cancel <u>H</u> elp

Click the *Outgoing* tab and under the scroll bar select '*TCP IP Connection*' then click '*Properties*'.





17. Setting the IP Address of the Server:

General	? 🔀
General	
TCP/IP Module IP Address	
10 . 0 . 240 . 94	
TCP/IP Port Number	
3062	
No Activity Time Out (minutes)	
00 Enter 00 to use default time	
Time-Out waiting for response	
12 Enter 00 for default time (12 seconds)	
OK Cancel	Help

Enter the IP address of the computer running the TL1 Server in the *TCP/IP Module IP* Address text field then click 'OK'.

Note: Do not use leading zeros when entering the IP address

18. Finish DLS2002SA TCP IP Configuration:

Modem Configuration	? 🗙
General Outgoing Incoming	
Select the modem that you wish to use for all outgoing calls	
TCP IP Connection	rties
, <u></u>	
OK Cancel	<u>H</u> elp

Click 'OK' to confirm the TCP IP connection.





19. Opening the Account for Uploading or Downloading:



Double-click the account to open it.





20. Connecting to the Panel via the T-Link using the DLS Software:



Click "File → Connect "

21. Establishing Communication from the DLS to the T-Link:



Once connected to the T-Link the status bar will indicate 'Communication Complete'.





22. Confirming Communication is Established on the TL1 Server:



The account block on the TL1 Server will change to yellow when a DLS session is in progress.

Note: Once the DLS session has been established information can be Uploaded/Downloaded as required.