Application Note	
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Objective

After completing the upgrade of the existing 570L configuration, it can be installed into 590L.

Equipment

590L Digital DC Drive, 570L configuration, and computer with ConfigEd software (> v 5.10) installed.

Procedure

Note: This is a step by step procedure on converting a Link 570-drive configuration to a Link 590-drive configuration, with version 3.1 firmware.

Warning: Before performing this procedure, you should *Export* a copy of the project, that you want to convert, to a floppy disk, in case some problems arise. This way you will always have an original set of Link configurations. See the Manager User Manual (RG352101) for this procedure.

1. You must have *Read/Write* privileges of the project that you want to convert.

Note: Some people may refer to it as "Having the token "

2. To verify that you have *Read/Write* privileges, open *Manager*



- 3. Select the correct configurations under Project::Utilities to convert.
- 4. Verify the appropriate project from the *Category*::*Project* and window.
- 5. Verify that the *Read/Write* window is marked.

Note: The example below displays, the *Category* selected is AMER1601 and the *Project* is LA350628.

6. The *Read/Write* box is marked; therefore this project has *Read/Write* privileges.

Note: If the *Read Only* box is marked, you *DO NOT* have the proper privileges to convert the project. Contact your system designer to obtain the proper privileges.

Category	Project	
AMER1601	LA350628	Delete
CW		
Product Supp		O Read Only
Public		BeadWrite
		© noudrinic
		Done
J	J	

7. Click the *Done* button to close the window

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- 8. Close the *Manager* program.
- 9. Open the *ConfigEd* software.



10. Go to Project::Manage, then double click open.

Note: The Manage window will appear as shown below.

- 11. Select the project in the *Category* column that you want to convert.
- 12. Select the project in the *Project* column that you want to convert.
- 13. In the example shown below, the *Category* selected is *AMER1601* and the *Project* selected is *LA350628*.
- 14. Verify that the Cat.Read-Only window is not checked.(See the example below)
- 15. If it is checked, click your mouse button on this check to remove it.

Manage		
Category	Project	Destination
AMER1601 主	LA350628	Category
CW		AMER1601 🛃
Product Supp		cw
Public		Product Supp
14	1	+
🗆 <u>C</u> at. Read-Only	🗵 Sort by Address	New <u>P</u> roject
20nov90 LA350628 - Paper Machine 3		
		New Category
Find Project	Change Project Info	Done
,		

- 16. Click the Done button to close the Manage window.
- 17. Select the *Project::Document*. Highlight the 570L configurations that are being converted, then select *Document*.
 - Note: This will document each of the 570-Link modules, parameter data. This file will be called xxxxxxx.doc, where xxxxxxx indicates the project number, and is located under the project number under the ConfigEd directory root directory ssd_link::configs.

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18. Go to *File::New....*, the *New* window will appear as shown below.

19. Select *L570-590* from the list as shown below.

20. Click the New button, then advance to the Restore window as shown below.

Select New 15211 15211HP 15300 15390SS 15391MP 15391SS 1570 1570-590 1590-590 1590sP 1590v2 * 1590v3 1620v2 1570 to 159	Configuration 10aug93 29may96 11jun96 15may96 15oct96 17oct96 31mar92 16apr93 23jan96 16apr93 27apr97 15oct96	n <u>Nev </u> <u>Cancel</u>
---	---	-----------------------------

21. Under the Restore window, chose the appropriate *Category:: Project* and the desired *Backup File* to convert, as shown below the *Backup File* selected is *L570-123.bku* from the *Category* AMER0601 and *Project* LA350628.

Restore			
Category	Project		Backup File
AMER1601	- Paper Machine 3	+	extrdr_b.bku extrdr_c.bku extrdr_d.bku in_trim.bku 1570-123.bku lam_1_op.bku lam_2_op.bku laminatr.bku otension.bku Convert <u>Cancel</u>

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- 22. Click the Convert button to advance to the next step
- 23. A User Input window will appear, as shown below. Enter in the new desired name.

Note: In the example below, the old name L570-123 will be renamed to

24. *L590-123* will reflect the new hardware change.

	User Input	
Enter new name.		
L590-123		
	ΟΚ	Cancel
	<u></u> .	

- 25. Click the OK button.
- 26. The new converted L590-123 configuration will now appear, as shown below.

0.00% 1.0000 Positive 0.00% 1.0000 Positive 05.00%	SPEED INPUT 0 INPUT 0 RATIO INPUT 0 SIGN SPEED INPUT 1 INPUT 1 RATIO INPUT 1 SIGN SUM LIMIT	Summing SPEED INPUT 1 SPEED INPUT 0 SETPOINT SUM SPEED INPUT 1 RATIO SPEED INPUT 0 RATIO SPEED INPUT 0 SIGN SPEED INPUT 0 SIGN SETPOINT SUM LIMIT	+
		De une -	+
	0.00% 1.0000 Positive 1.0000 Positive 05.00%	0.00% SPEED INPUT 0 1.0000 INPUT 0 RATIO Positive INPUT 0 SIGN 0.00% SPEED INPUT 1 1.0000 INPUT 1 RATIO Positive INPUT 1 SIGN 05.00% SUM LIMIT	Summing 0.00% SPEED INPUT 0 SPEED INPUT 1 1.0000 INPUT 0 RATIO SPEED INPUT 0 Positive INPUT 0 SIGN SETPOINT SUM 0.00% SPEED INPUT 1 SPEED INPUT 1 RATIO 1.0000 INPUT 1 RATIO SPEED INPUT 0 RATIO Positive INPUT 1 SIGN SPEED INPUT 0 SIGN 05.00% SUM LIMIT SPEED INPUT 0 SIGN SUM LIMIT SPEED INPUT 0 SIGN SUM LIMIT SPEED INPUT 0 SIGN SUM LIMIT SETPOINT SUM LIMIT

27. Print the document that was created in step 6 and compare the parameter data to the 590L configurations just created. Make any changes if required.

This configuration can now be installed in the 590L drive.

k:\prod_support\app_note\50000 - link hardware\56xxx - link drives\56001.doc