



Setting Up Dejavoo SPIn PROxy

Action 1: Building the Terminal Profile

Action 2: Linking the terminal with DeNovo from STEAM

Action 3: Downloading the TPN into the Terminal Device

Action 4: Setting up the terminal with SPIn Proxy

Note: Before you can continue with the easy steps in this document, Dejavoo's support team will provide you with your account user credentials (Username & Password) as well as customized and assign your program templates.

Because we provide you with one point of entry for all systems your credentials will allow you access to:

One Access Point for All 3!!

STEAM: For files builds

DENOVO: For back office access

SPIN: Pair your device with SPIn Proxy

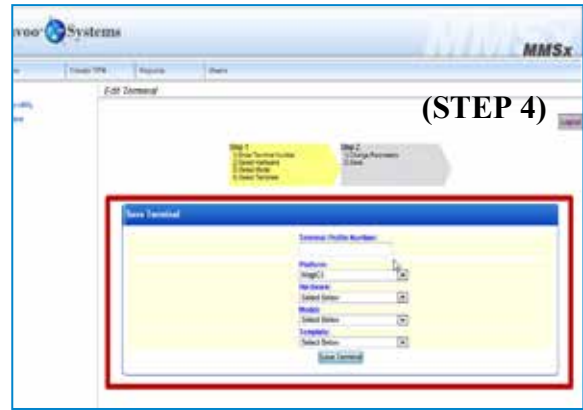
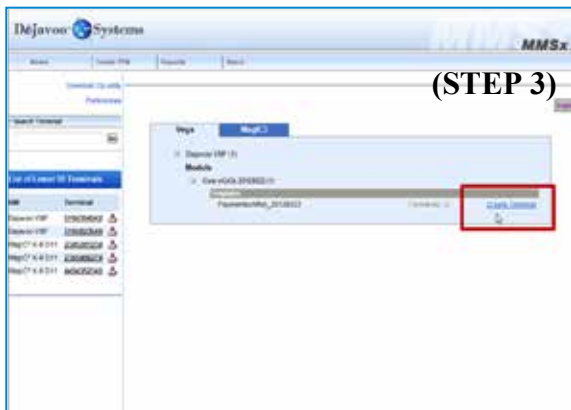
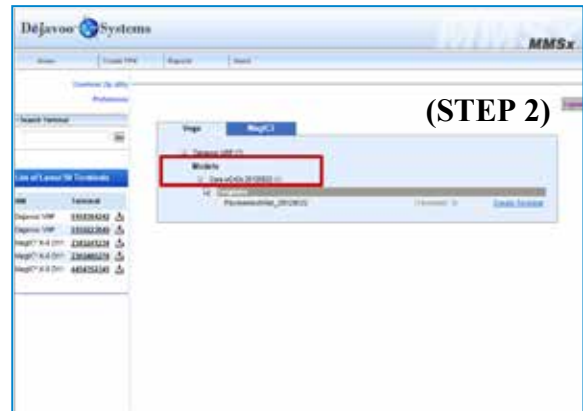
DejavooSM

ACTION 1: Building a Terminal Profile



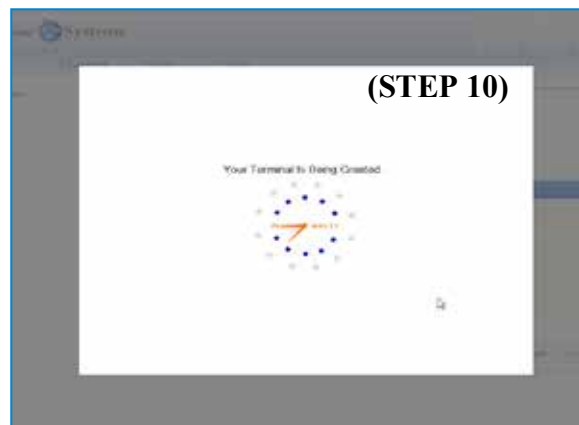
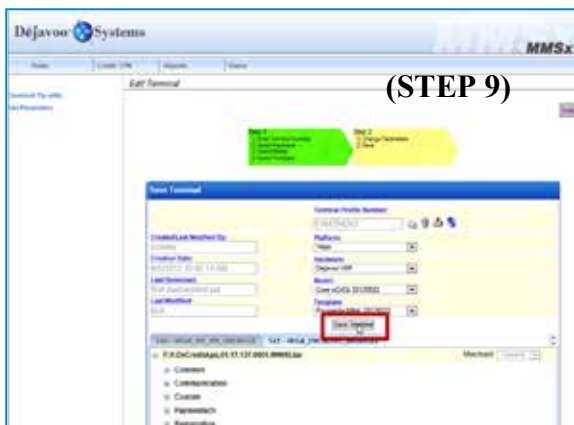
You must first build a TPN (Terminal Profile Number) to be able to load the terminal's programming into the device. Follow the steps below to build the terminal profile and then continue to page X to add this merchant's terminal to the DeNovo back office. There is no need to login to a separate system, our web based STEAM system provides one point of entry for both.

Step	Action
1.	Locate and expand the desired HARDWARE type on the center section of the home page.
2.	Locate and expand the desired Software Model on the center section of the home page. (Always choose the most recently released software evident by the date on the end of the Model Name, ie: XXX_20160815)
3.	From the list of your available templates, locate the desired Template and click on CREATE TERMINAL. The selected template software will automatically populate in the drop down menus.
4.	In the "Terminal Profile Number" field input a unique terminal profile number to assign your merchant. (a unique numbering convention of your choice, 10-12 characters alphanumeric)
5.	Click to expand the program you wish to edit parameters for (example: Dejavoo Credit /Debit or Dejavoo Core) and input the merchant parameters.



ACTION 1: Building a Terminal Profile, continued

Step	Action
6.	If additional parameters are required click the ADD PARAMETERS link in the upper left corner. If no additional parameters are required skip to step 9.
7.	Place a check mark next to the parameter field you wish to add to the TPN file. (Example: if you wish to change Power Management default settings and make it visible for editing, find it on the list & check the box to the left)
8.	When finished selecting additional parameters click on CLOSE.
9.	When all terminal parameter data has been input and customized for your merchant, click on SAVE TERMINAL.
10.	The system will save the TPN and bring you to the DeNovo set up page. Continue to page 3 to set up this merchant with the DeNovo back office system.



ACTION 2: Linking the Terminal with DeNovo From STEAM (MMSx)

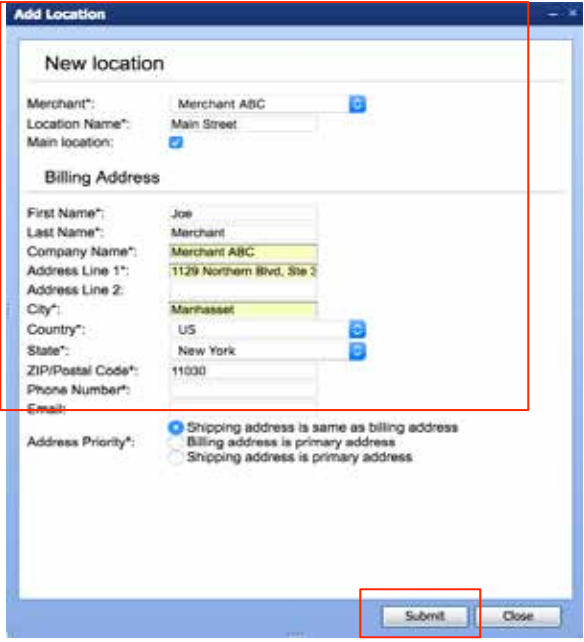
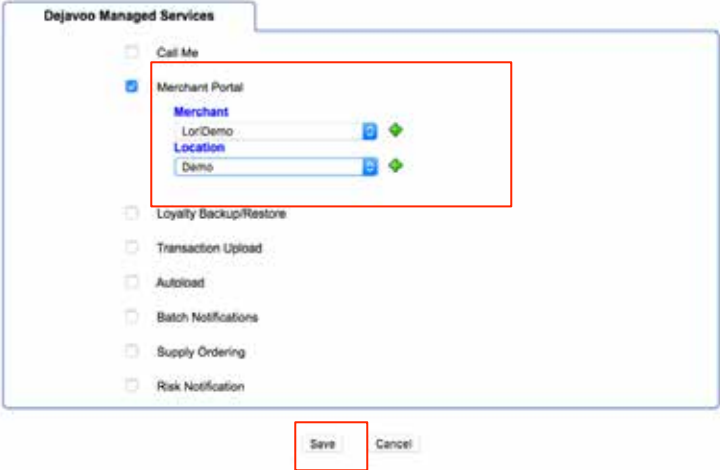


Your merchant's terminal must be set up for DeNovo as your first step. After the program file has been built in our STEAM system and "Save Terminal" has been selected you are brought to the Managed Services screen (This is DeNovo). Set up your merchant by doing the following:

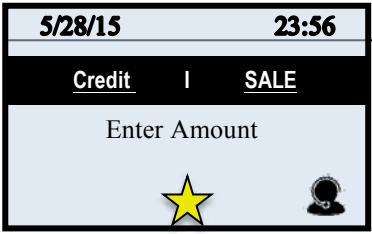
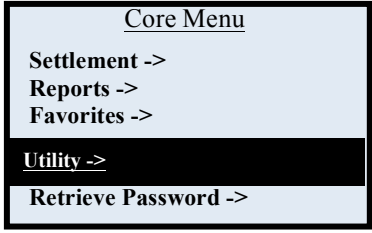
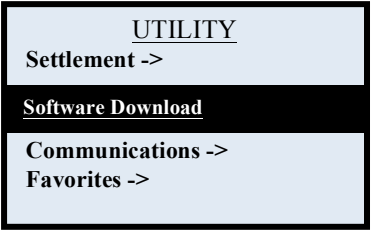
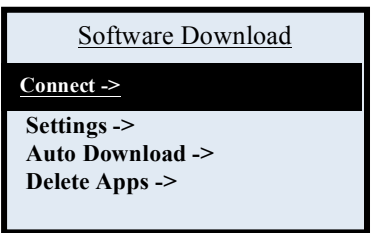
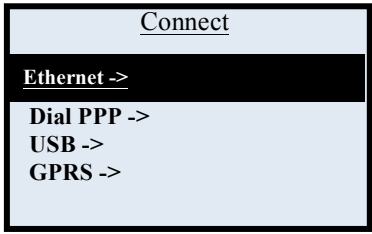
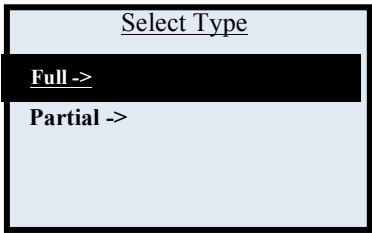
Creating Your Merchant

Step	Action	Display
1.	Select "Merchant Portal" by checking the box in the left column.	
2.	Click on the "+" symbol to the right of the "MERCHANT" drop down box and complete the Merchant Information Required. When done Click on "SUBMIT"	

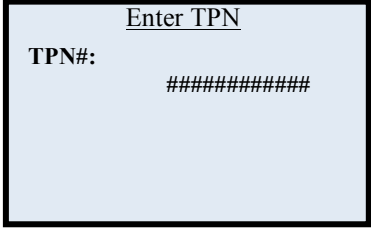
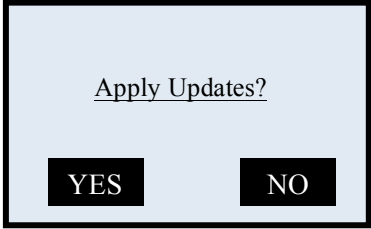
ACTION 2: Linking the Terminal with DeNovo - Continued

Step	Action	Display
3.	<p>Click on the “+” symbol to the right of the “LOCATION” drop down box and complete the Location Information Required.</p> <p>When done Click on “SUBMIT”</p>	
4.	<p>When both your merchant and the terminal location is showing in the drop down boxes click on “SAVE”</p>	

ACTION 3: Downloading the TPN into the Terminal Device

Step	Action	Display				
1.	<p>Now that you have created the TPN and set the merchant up for DeNovo you must download the software into the terminal.</p> <p>From the idle prompt press the Green key to access the Core Menu.</p>					
2.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: black; color: white;">NON TOUCH SCREEN</th> <th style="background-color: black; color: white;">TOUCH SCREEN</th> </tr> </thead> <tbody> <tr> <td> Using the down arrow key highlight the word UTILITY and press the Green Key <i>* If prompted input password, default is 1234</i> </td> <td> Using your fingertip TAP the word UTILITY <i>* If prompted input password, default is 1234</i> </td> </tr> </tbody> </table>	NON TOUCH SCREEN	TOUCH SCREEN	Using the down arrow key highlight the word UTILITY and press the Green Key <i>* If prompted input password, default is 1234</i>	Using your fingertip TAP the word UTILITY <i>* If prompted input password, default is 1234</i>	
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ACTION 3: Downloading the TPN into the Terminal Device, continued

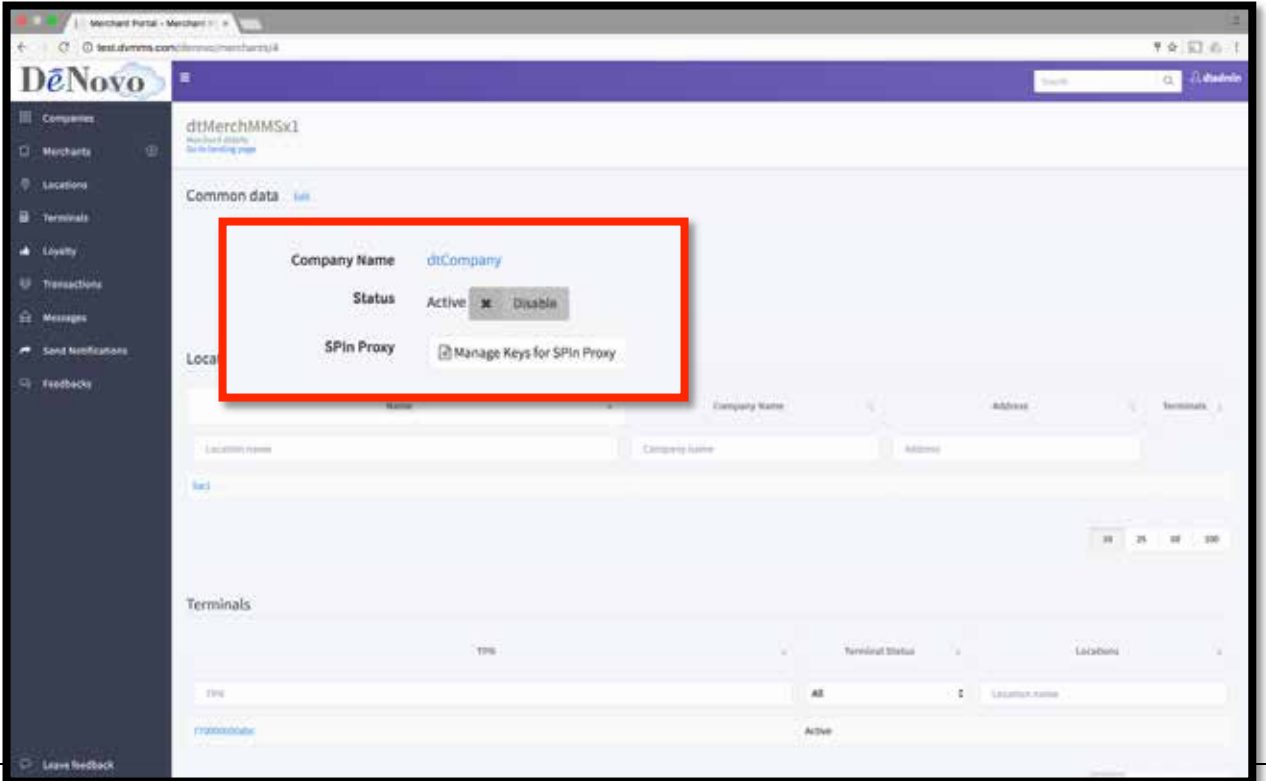
Step	Action		Display
7.	Input the unique 10-12 digit alphanumeric TPN you created on page 1 and press the Green Key *Note when inputting a repeated digit pause between entries to avoid scrolling to letters as this entry is alpha numeric capable.		
8.	NON TOUCH SCREEN Terminal will display Apply Updates? Press F2 for YES	TOUCH SCREEN Terminal will display Apply Updates? Using your Finger Tip TAP the word YES	
9.	The terminal will now download and install your software, reboot. Once the terminal returns to the idle prompt continue to page 4 of this document "Performing a Key Exchange".		

ACTION 4: Setting Up the Terminal with SPIn Proxy

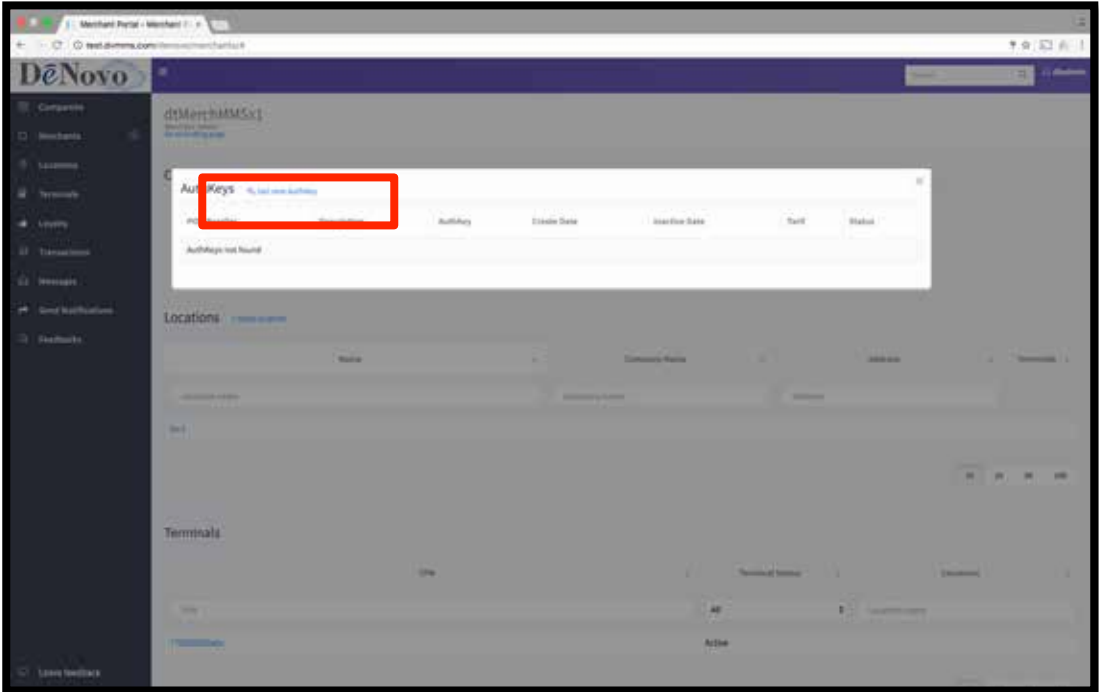



Use the steps below to pair your Dejavoo terminal device with the SPIn Proxy through the DeNovo System:

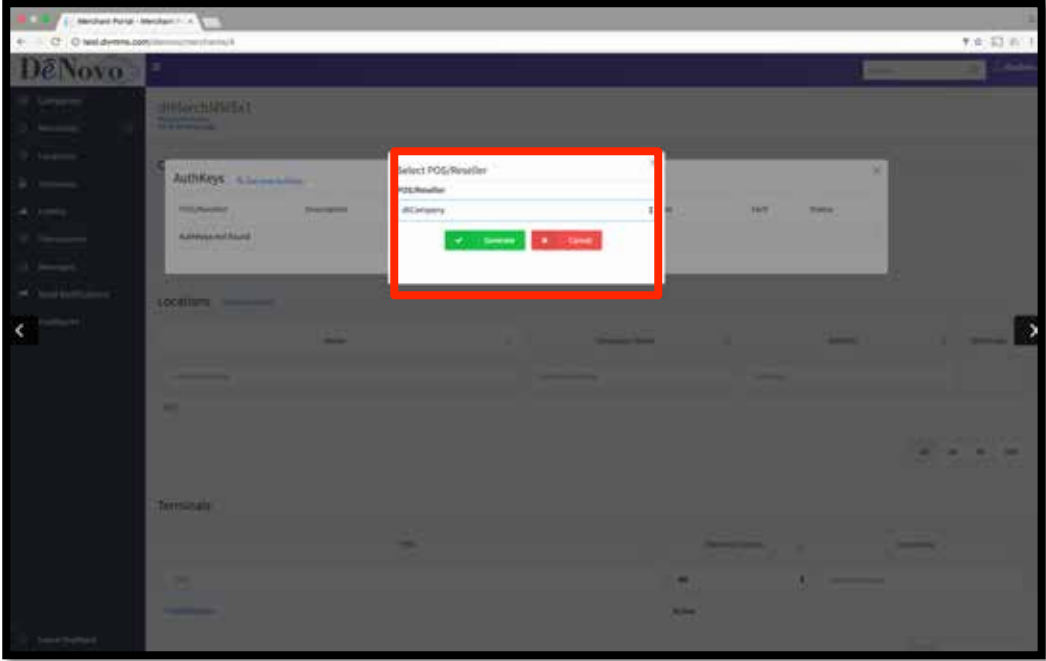
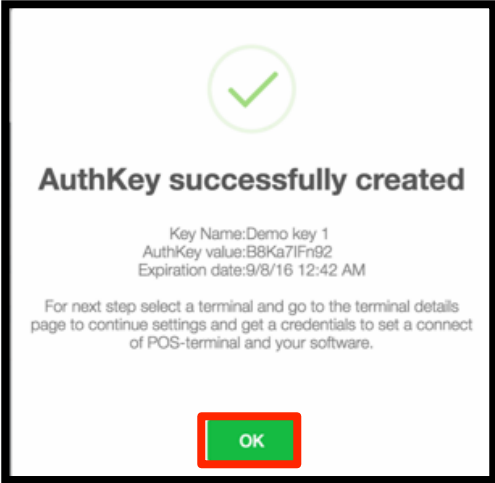
Obtaining and Managing the Auth Key

Step	Action	Display
1.	<ul style="list-style-type: none">From the DeNovo landing page search and find your MerchantClick on the link to pull up the “merchant Details” screen.Next click on “MANAGE KEYS FOR SPIN PROXY”	

ACTION 4: Setting Up the Terminal with SPIn Proxy, continued

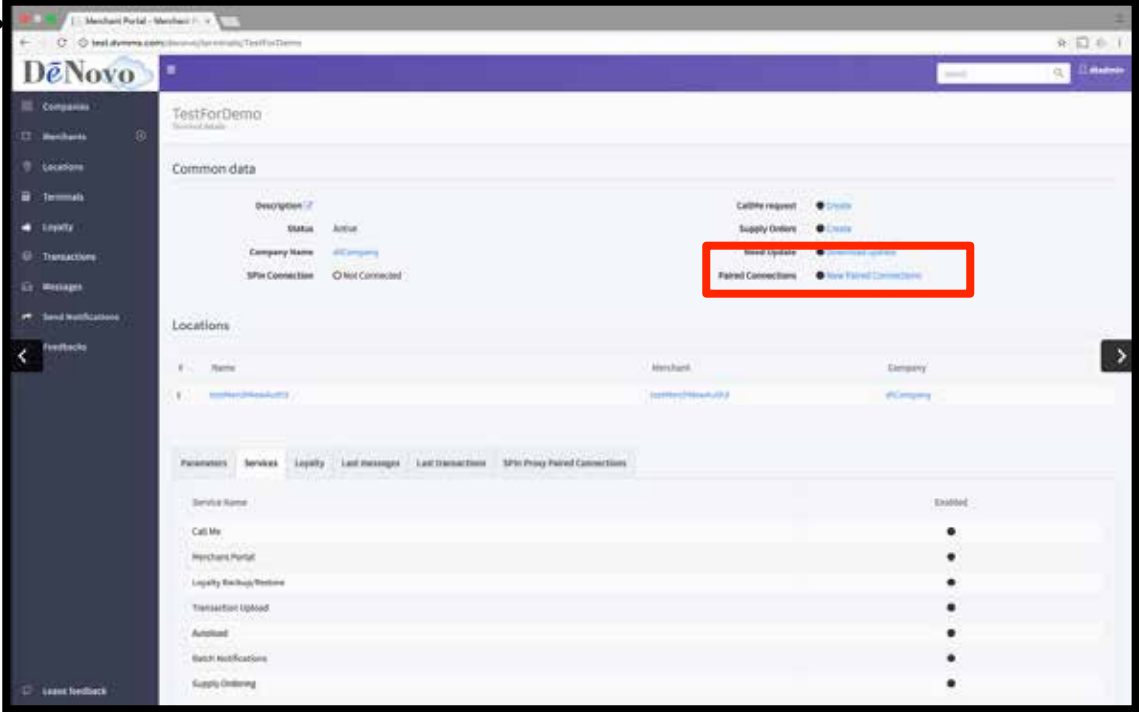
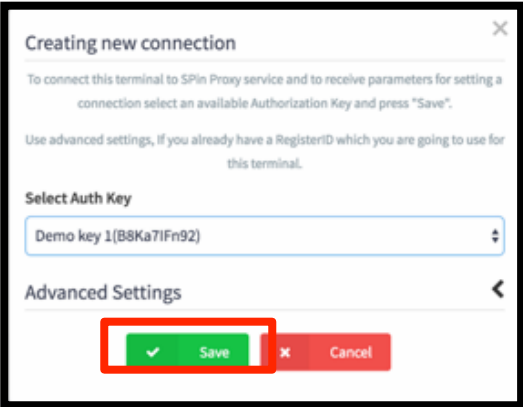
Step	Action	Display
2.	<ul style="list-style-type: none">From the list of available keys, click on “Get New AuthKey” or to check the status of a key. (Typically 1 merchant - 1 AuthKey)	 <p>The screenshot shows the DeNovo Merchant Portal interface. The 'AuthKeys' section is visible, with a table containing columns for 'AuthKey', 'Create Date', 'Expiration Date', 'Type', and 'Status'. A red box highlights the 'Get New AuthKey' button in the top right corner of the table.</p>
3.	<ul style="list-style-type: none">Click on “YES Continue” when prompted for new Auth Key	 <p>The dialog box titled 'Get new AuthKey' contains the following text:</p> <p>Using this function you are able to create a new Authorisation Key for SPIn Proxy service. Are you sure that you want to create a new AuthKey?</p> <p>If you answer YES by your request will be created a Demo key on 30 days. For changing expiration date and type of key please connect with a provider of your key.</p> <p>More details about SPIn service you can see by this link http://www.dejavosystems.com/spin/</p> <p>SPIn Proxy it is a middleware service that is allow to set a connection between POS-terminal and your external software for remote managing of POS-terminal from any network.</p> <p>At the bottom, there are two buttons: 'Cancel' and 'Yes, continue'. The 'Yes, continue' button is highlighted with a red box.</p>

ACTION 4: Setting Up the Terminal with SPIn Proxy, continued

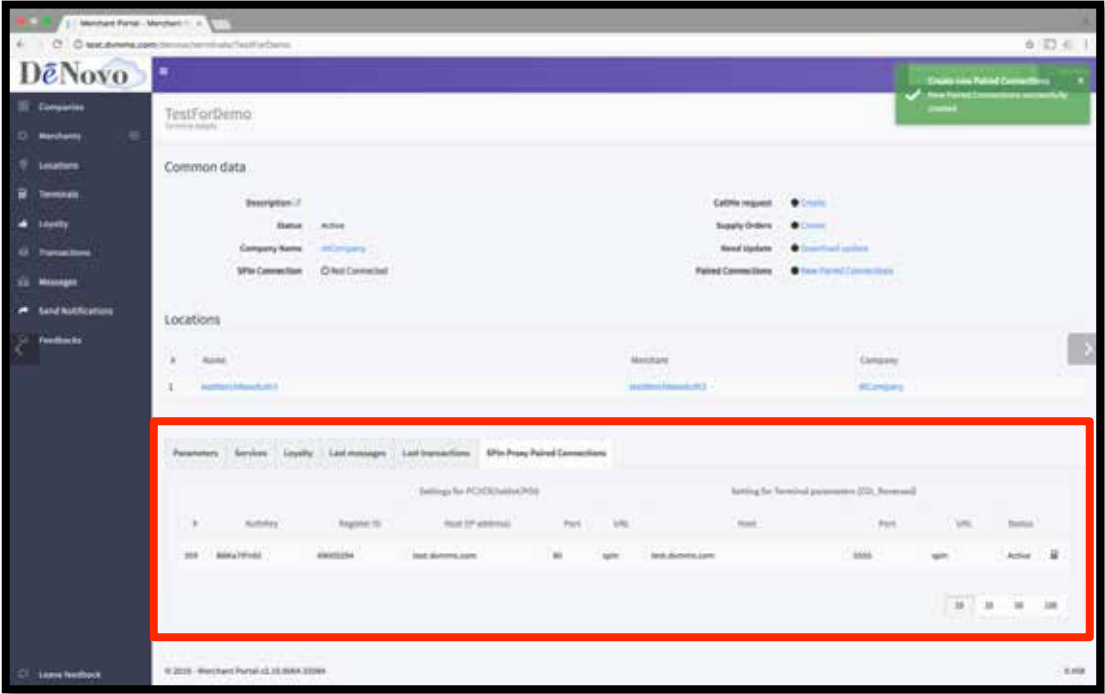

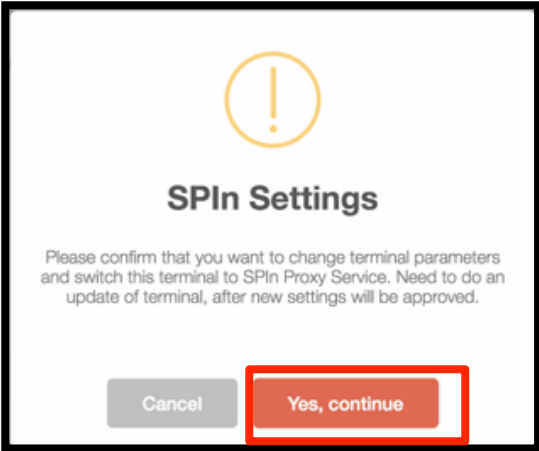
Step	Action	Display
4.	<ul style="list-style-type: none">From the drop down list select the available vendor (reseller). The reseller is the company which provides the Auth Keys.Click on “Generate” to create Auth Keys.	
5.	<ul style="list-style-type: none">Click on “OK”. Your new Auth Key has been generated.	

ACTION 4: Setting Up the Terminal with SPIn Proxy, continued

Creating a New Paired Connection

Step	Action	Display
6.	<ul style="list-style-type: none">Navigate to the “Terminal Details Screen”	 <p>The screenshot shows the DeNovo Merchant Portal interface. The main content area is titled 'TestForDemo Terminal Details'. It includes sections for 'Common data' (Description, Status: Active, Company Name: @Company, SPIn Connection: Not Connected), 'Locations' (a table with one entry), and 'Parameters' (a list of services like Call Me, Merchant Portal, etc., with 'Enabled' checkboxes). A red box highlights the 'Paired Connections' link in the 'Common data' section.</p>
7.	<ul style="list-style-type: none">From the drop down list select the available Auth Key for this terminalClick on “Save” <p><i>Note: One Auth Key can be paired with multiple terminals.</i></p>	 <p>The screenshot shows a 'Creating new connection' dialog box. It contains instructions to select an available Authorization Key and press 'Save'. Below the instructions is a 'Select Auth Key' dropdown menu with 'Demo key 1[B8Ka7IFn92]' selected. At the bottom, there are 'Save' and 'Cancel' buttons, with the 'Save' button highlighted by a red box.</p>

ACTION 4: Setting Up the Terminal with SPIn Proxy, continued

Step	Action	Display																																		
8.	<ul style="list-style-type: none"> When the terminal is paired successfully a tab is displayed with credentials for connecting to SPIn Proxy for terminal and for the POS. 	 <table border="1" data-bbox="495 842 1425 1066"> <thead> <tr> <th colspan="10">Settings for PCDS(Shell/POS)</th> <th colspan="4">Settings for Terminal parameters (POS, Reverse)</th> </tr> <tr> <th>#</th> <th>AuthKey</th> <th>Register ID</th> <th>Host (IP address)</th> <th>Port</th> <th>URL</th> <th>Host</th> <th>Port</th> <th>URL</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>108</td> <td>888a79f8d</td> <td>69402284</td> <td>test.dennos.com</td> <td>80</td> <td>spn</td> <td>test.dennos.com</td> <td>8080</td> <td>spn</td> <td>Active</td> </tr> </tbody> </table>	Settings for PCDS(Shell/POS)										Settings for Terminal parameters (POS, Reverse)				#	AuthKey	Register ID	Host (IP address)	Port	URL	Host	Port	URL	Status	108	888a79f8d	69402284	test.dennos.com	80	spn	test.dennos.com	8080	spn	Active
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9.	<ul style="list-style-type: none"> From the Spin Proxy Paired Connections tab click on the terminal icon  and then on “Yes, Continue” to save the terminal parameters to the STEAM system as well. It is now necessary to do a Partial Download in the terminal to pick up the SPIn Proxy newly created Auth Key and parameters in the device. (For instructions on performing a partial load, follow the steps on page 6 and select “PARTIAL” Instead of FULL on step 6.) 	 <p data-bbox="776 1591 987 1625">SPIn Settings</p> <p data-bbox="651 1656 1114 1717">Please confirm that you want to change terminal parameters and switch this terminal to SPIn Proxy Service. Need to do an update of terminal, after new settings will be approved.</p> <p data-bbox="716 1780 1073 1843"> <input type="button" value="Cancel"/> <input type="button" value="Yes, continue"/> </p>																																		