

Abacus POS (iOS)

Pairing and Transaction User Guide

Updated on, by: 27 May 24, KL

Reviewed on, by:
13 Dec 24, TB
24 Jan 25, TB

mx51



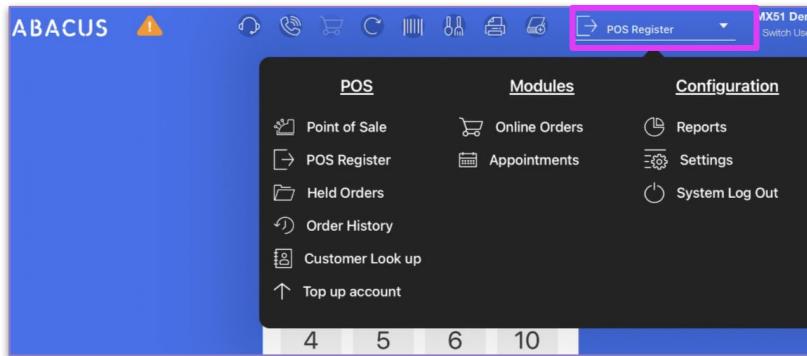
Table of Contents

- System Requirements
- Pairing the Point-of-Sale (POS) to the EFTPOS Terminal
- Perform a test Purchase Transaction
- Perform a test Refund Transaction

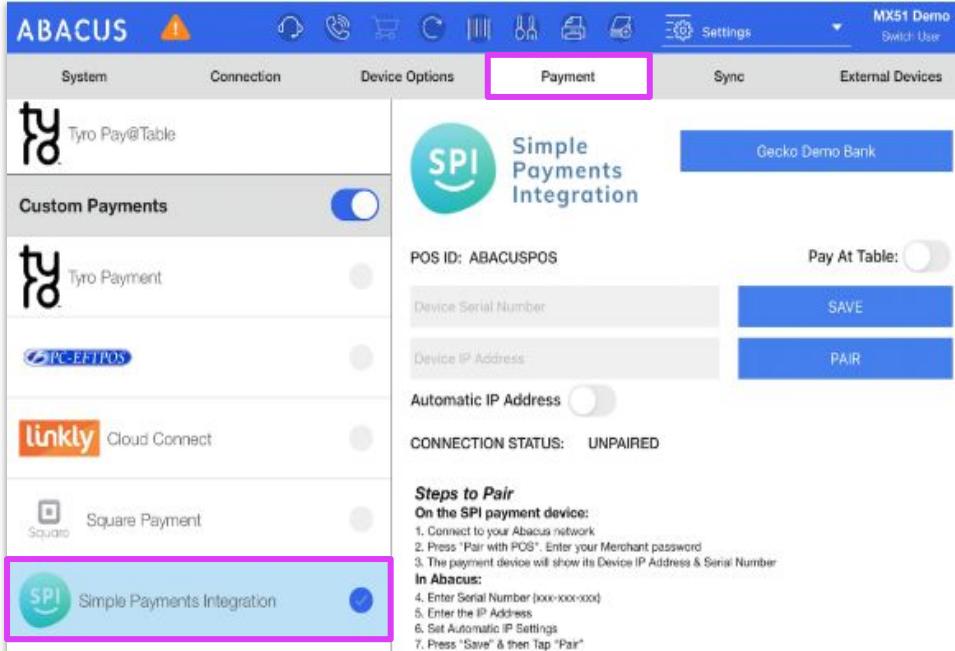
System Requirements

Systems	Requirements
Connectivity	Both the Point-of-sale (POS) system and EFTPOS Terminal need to be connected to the same Local Area Network . (This is usually setup by the Abacus technician during POS install).
POS Version	Version: 2.11.27(20241128.1730) and above
POS Operating System	iOS, iPadOS
Integration Type	SPI

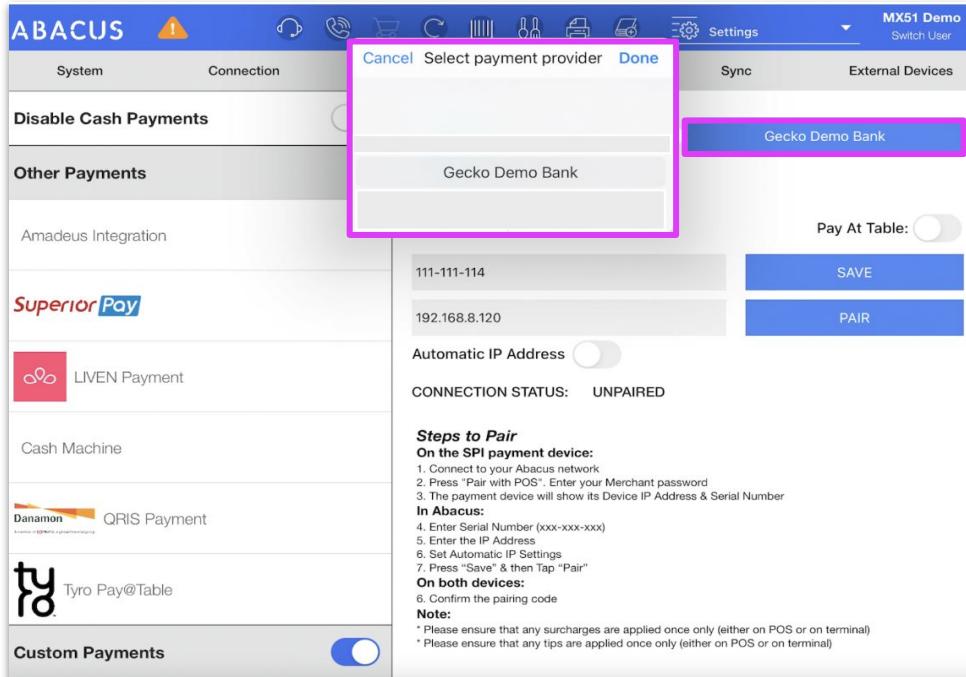
Pairing the POS to the EFTPOS Terminal - *POS configuration (1 of 5)*

Steps	Example screens
<ol style="list-style-type: none">1. Launch the Abacus App2. Enter credentials, then select SIGN IN <i>This is merchant specific and the credentials can be obtained from the merchant or POS Vendor.</i>	 The image shows the Abacus POS login screen. It features a blue header with the word 'ABACUS' in white. Below the header are two input fields: 'Username' with a user icon and 'Password' with a lock icon. At the bottom is a blue 'SIGN IN' button.
3. Open the dropdown menu in the top right corner, then select Settings	 The image shows the Abacus POS dashboard. At the top, there is a toolbar with various icons. On the far right of the toolbar is a dropdown menu button with a pink border. A dropdown menu is open, showing three main sections: 'POS', 'Modules', and 'Configuration'. The 'POS' section contains icons for 'Point of Sale', 'POS Register' (which is highlighted with a pink border), 'Held Orders', 'Order History', 'Customer Look up', and 'Top up account'. The 'Modules' section contains icons for 'Online Orders', 'Appointments', and 'System Log Out'. The 'Configuration' section contains icons for 'Reports', 'Settings', and 'System Log Out'. The bottom of the dashboard has a navigation bar with numbers 4, 5, 6, and 10.

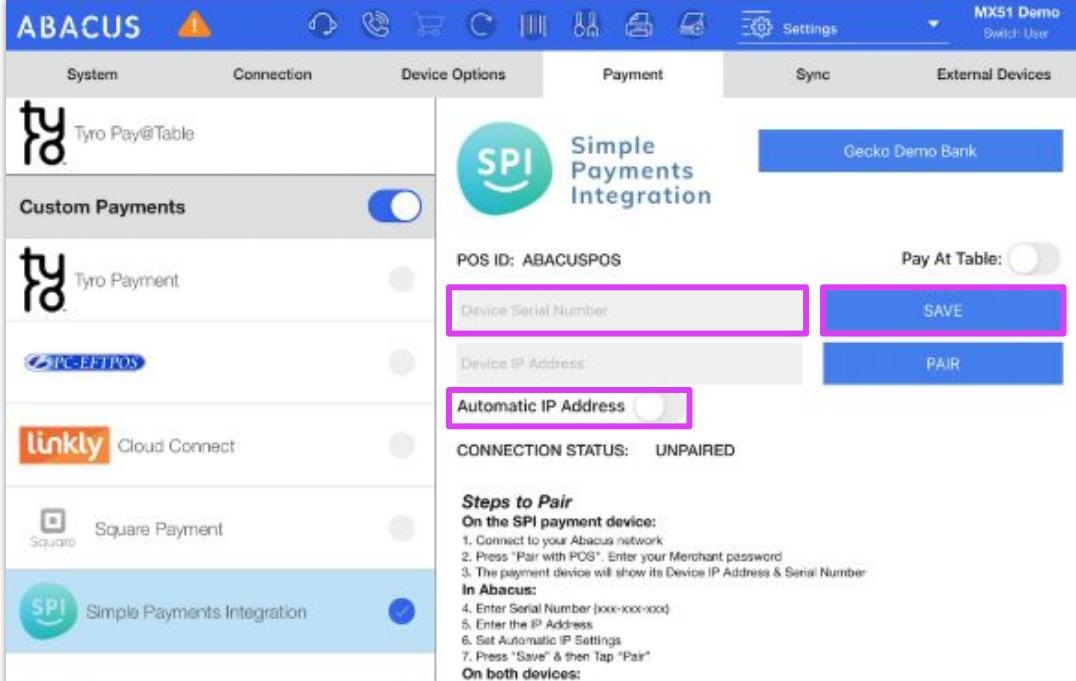
Pairing the POS to the EFTPOS Terminal - *POS configuration (2 of 5)*

Steps	Example screens
<ol style="list-style-type: none">4. Select the Payment tab5. Enable the Custom Payments flag6. Select Simple Payments Integration	 <p>ABACUS ! MX51 Demo Switch User</p> <p>System Connection Device Options Payment Sync External Devices</p> <p>Tyro Pay@Table</p> <p>Custom Payments <input checked="" type="checkbox"/></p> <p>Tyro Payment <input type="checkbox"/></p> <p>PC-EFTPOS <input type="checkbox"/></p> <p>linkly Cloud Connect <input type="checkbox"/></p> <p>Square Payment <input type="checkbox"/></p> <p>SPI Simple Payments Integration <input checked="" type="checkbox"/></p> <p>POS ID: ABACUSPOS <input type="checkbox"/> Pay At Table: <input type="checkbox"/></p> <p>Device Serial Number <input type="text"/> SAVE</p> <p>Device IP Address <input type="text"/> PAIR</p> <p>Automatic IP Address <input type="checkbox"/></p> <p>CONNECTION STATUS: UNPAIRED</p> <p>Steps to Pair</p> <p>On the SPI payment device:</p> <ol style="list-style-type: none">1. Connect to your Abacus network2. Press "Pair with POS". Enter your Merchant password3. The payment device will show its Device IP Address & Serial Number <p>In Abacus:</p> <ol style="list-style-type: none">4. Enter Serial Number (xxx-xxx-xxx)5. Enter the IP Address6. Set Automatic IP Settings7. Press "Save" & then Tap "PAIR"

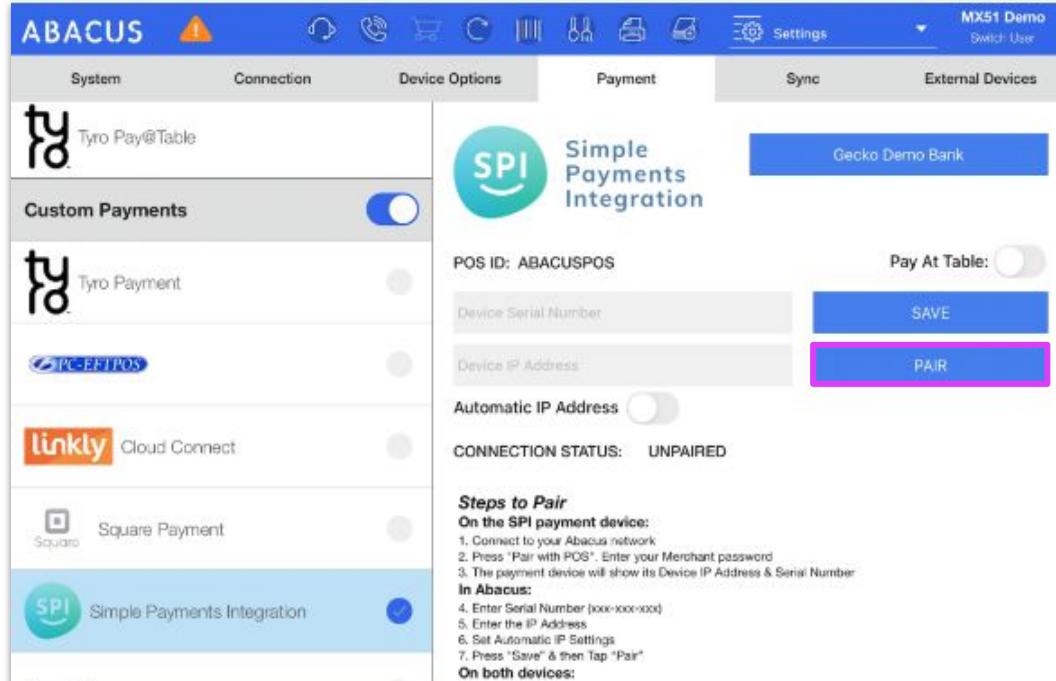
Pairing the POS to the EFTPOS Terminal - *POS configuration (3 of 5)*

Steps	Example screens
7. Tap the button in the top right hand corner, then select the relevant Payment Provider	 <p>The screenshot shows the ABACUS POS software interface. The main screen displays various payment method options: Disable Cash Payments, Other Payments (Gecko Demo Bank selected), Amadeus Integration, Superior Pay, LIVEN Payment, Cash Machine, Danamon QRIS Payment, Tyro Pay@Table, and Custom Payments. A modal dialog box titled "Select payment provider" is overlaid on the screen, with "Gecko Demo Bank" highlighted by a pink box. The dialog also includes "Cancel", "Done", "Sync", and "External Devices" buttons. Below the main screen, there are fields for IP address (111-111-114 and 192.168.8.120), an "Automatic IP Address" toggle, and a "PAIR" button. The "CONNECTION STATUS" is shown as "UNPAIRED". A "Steps to Pair" section provides instructions for pairing with an SPI payment device, including steps for the POS and Abacus, and a "Note" section with tips for surcharges and tips.</p>

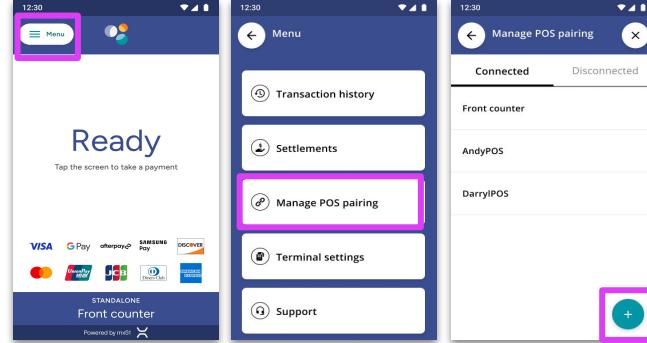
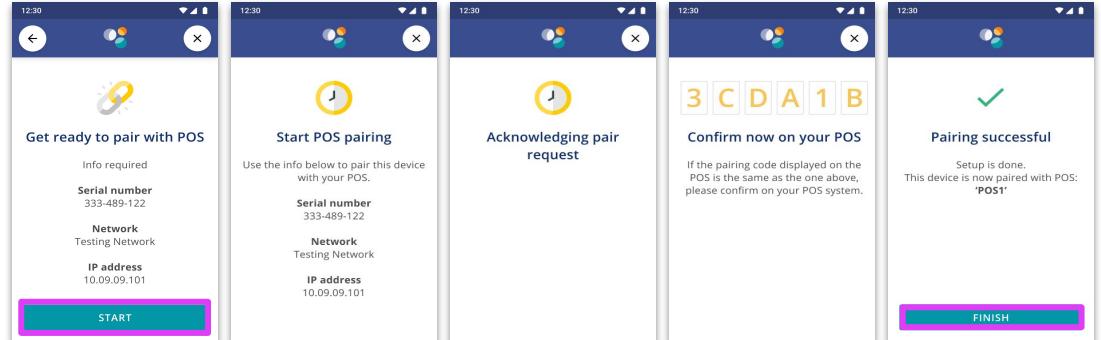
Pairing the POS to the EFTPOS Terminal - *POS configuration (4 of 5)*

Steps	Example screens
<p>8. Enable the Automatic IP Address flag.</p> <p>9. Enter the Device Serial Number, then select SAVE</p> <p><i>(When the Automatic IP Address flag is enabled, the IP address of the EFTPOS terminal will automatically populate the Device IP Address field after you click SAVE)</i></p>	 <p>ABACUS</p> <p>System Connection Device Options Payment Sync External Devices</p> <p>MX51 Demo Switch User</p> <p>Tyro Pay@Table</p> <p>Custom Payments <input checked="" type="checkbox"/></p> <p>Tyro Payment <input type="radio"/></p> <p>PC-EFTPOS <input type="radio"/></p> <p>linkly Cloud Connect <input type="radio"/></p> <p>Square Payment <input type="radio"/></p> <p>SPI Simple Payments Integration <input checked="" type="checkbox"/></p> <p>POS ID: ABACUSPOS</p> <p>Device IP Address: <input type="text"/></p> <p>Device Serial Number: <input type="text"/></p> <p>Pay At Table: <input type="checkbox"/></p> <p>Automatic IP Address <input checked="" type="checkbox"/></p> <p>SAVE</p> <p>PAIR</p> <p>CONNECTION STATUS: UNPAIRED</p> <p>Steps to Pair</p> <p>On the SPI payment device:</p> <ol style="list-style-type: none">1. Connect to your Abacus network2. Press "Pair with POS". Enter your Merchant password3. The payment device will show its Device IP Address & Serial Number <p>In Abacus:</p> <ol style="list-style-type: none">4. Enter Serial Number (xxx-xxx-xxx)5. Enter the IP Address6. Set Automatic IP Settings7. Press "Save" & then Tap "Pair" <p>On both devices:</p>

Pairing the POS to the EFTPOS Terminal - *POS configuration (5 of 5)*

Steps	Example screens
<p>10. Select Pair.</p> <p><i>Proceed to next slide to continue process on EFTPOS terminal</i></p>	 <p>ABACUS</p> <p>System Connection Device Options Payment Sync External Devices</p> <p>Tyro Pay@Table</p> <p>Custom Payments <input checked="" type="checkbox"/></p> <p>Tyro Payment</p> <p>PC-EFTPOS</p> <p>linkly Cloud Connect</p> <p>Square Payment</p> <p>Simple Payments Integration <input checked="" type="checkbox"/></p> <p>POS ID: ABACUSPOS</p> <p>Device Serial Number <input type="text"/></p> <p>Device IP Address <input type="text"/></p> <p>Pay At Table: <input type="checkbox"/></p> <p>Automatic IP Address <input type="checkbox"/></p> <p>SAVE PAIR</p> <p>CONNECTION STATUS: UNPAIRED</p> <p>Steps to Pair</p> <p>On the SPI payment device:</p> <ol style="list-style-type: none">1. Connect to your Abacus network2. Press "Pair with POS". Enter your Merchant password3. The payment device will show its Device IP Address & Serial Number <p>In Abacus:</p> <ol style="list-style-type: none">4. Enter Serial Number (xxx-xxx-xxx)5. Enter the IP Address6. Set Automatic IP Settings7. Press "Save" & then Tap "Pair" <p>On both devices:</p>

Pairing the POS to the EFTPOS Terminal - *EFTPOS Terminal (1 of 1)*

Steps	Example screens
<ol style="list-style-type: none">1. On the EFTPOS terminal, Select Menu <i>Note: If there is no existing pairing, the "Manage POS pairing" button will show</i>2. Select Manage POS pairing3. Select +	
<ol style="list-style-type: none">4. On the EFTPOS Terminal<ul style="list-style-type: none">○ Select START○ Ensure the code displayed matches what is displayed on POS, then select YES○ Select FINISH	

Perform a Test Purchase Transaction

Steps

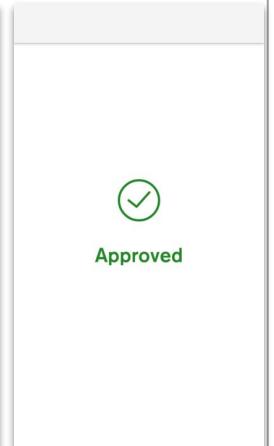
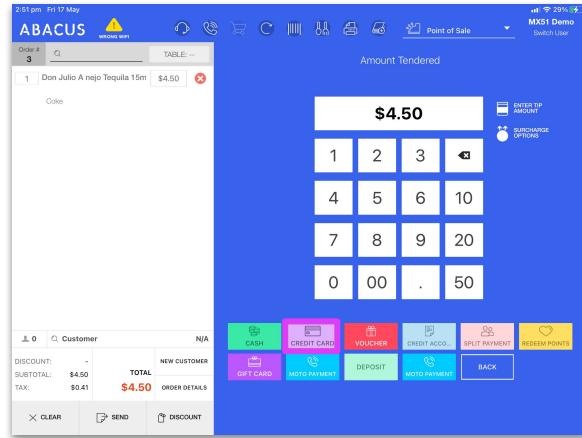
To perform a test Purchase Transaction

1. Select the Product
2. Select Pay
3. Select Credit Card.

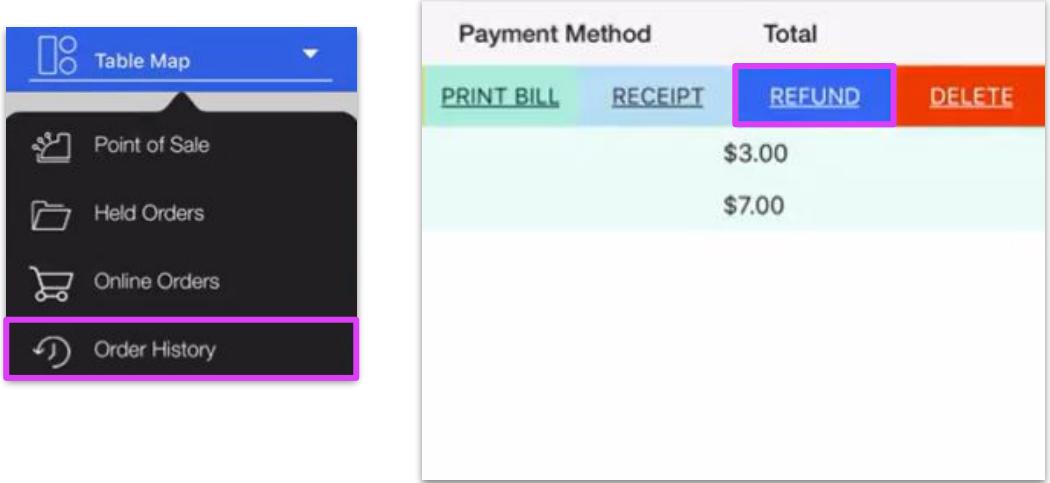
The transaction will be sent to the eftpos terminal for payment.

4. Present Card

Example screens



Perform a Test Refund Transaction - (1 of 2)

Steps	Example screens								
<p>To perform a test Refund Transaction</p> <ol style="list-style-type: none">1. From the drop down in the top right corner, select Order History2. Select the order to be refunded then select Refund	 <p>The left screenshot shows a dropdown menu with the following options: Table Map, Point of Sale, Held Orders, Online Orders, and Order History. The 'Order History' option is highlighted with a pink box. The right screenshot shows a payment screen with the following table:</p> <table border="1"><thead><tr><th data-bbox="1230 303 1441 335">Payment Method</th><th data-bbox="1441 303 1633 335">Total</th></tr></thead><tbody><tr><td data-bbox="1230 368 1441 400">PRINT BILL</td><td data-bbox="1441 368 1633 400">\$3.00</td></tr><tr><td data-bbox="1230 400 1441 433">RECEIPT</td><td data-bbox="1441 400 1633 433">\$7.00</td></tr><tr><td data-bbox="1230 433 1633 465" style="background-color: #ff0000; color: white;">REFUND</td><td data-bbox="1633 433 1825 465" style="background-color: #ff0000; color: white;">DELETE</td></tr></tbody></table>	Payment Method	Total	PRINT BILL	\$3.00	RECEIPT	\$7.00	REFUND	DELETE
Payment Method	Total								
PRINT BILL	\$3.00								
RECEIPT	\$7.00								
REFUND	DELETE								

Perform a Test Refund Transaction - (2 of 2)

Steps	Example screens
<ol style="list-style-type: none">3. Select Credit Card4. Select Refund<p><i>The transaction will be sent to the eftpos terminal for payment.</i></p>5. Enter Secure Passcode on EFTPOS terminal6. Present card	