

QuickSale for Windows EMV Payment Application Side-by-Side Integration Guide v1.1

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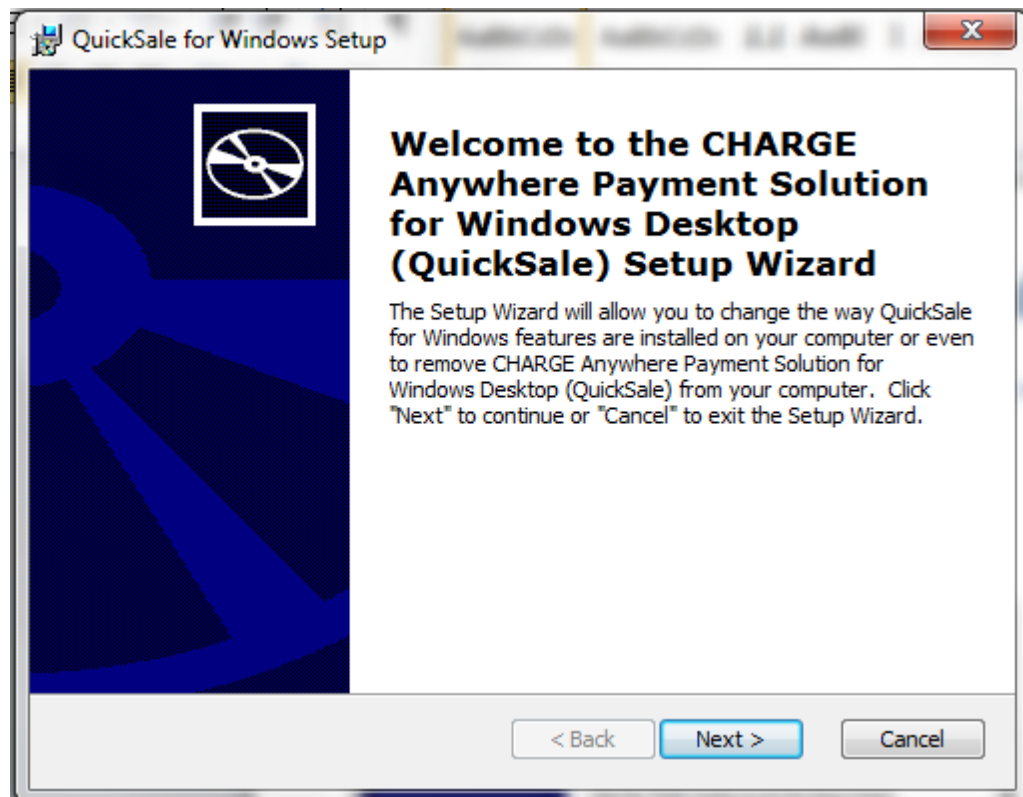
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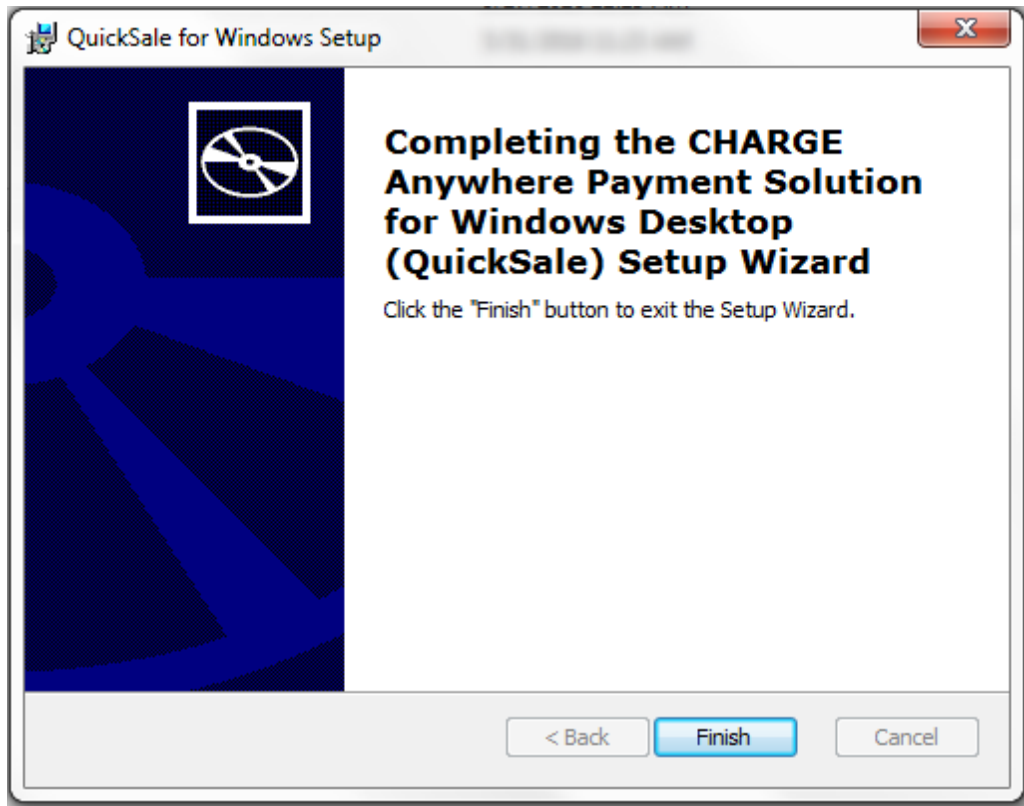
DOWNLOAD QUICKSALE FOR WINDOWS FROM THE FOLLOWING LINK

https://www.chargeanywhere.com/chargeanywheremanager/download_index.asp?Product=WindowsDesktop

Enter your License Key when prompted to initiate the Download

**Install 'QuickSale For Windows.exe' by double clicking on exe.
Press 'Next' and follow the instructions**





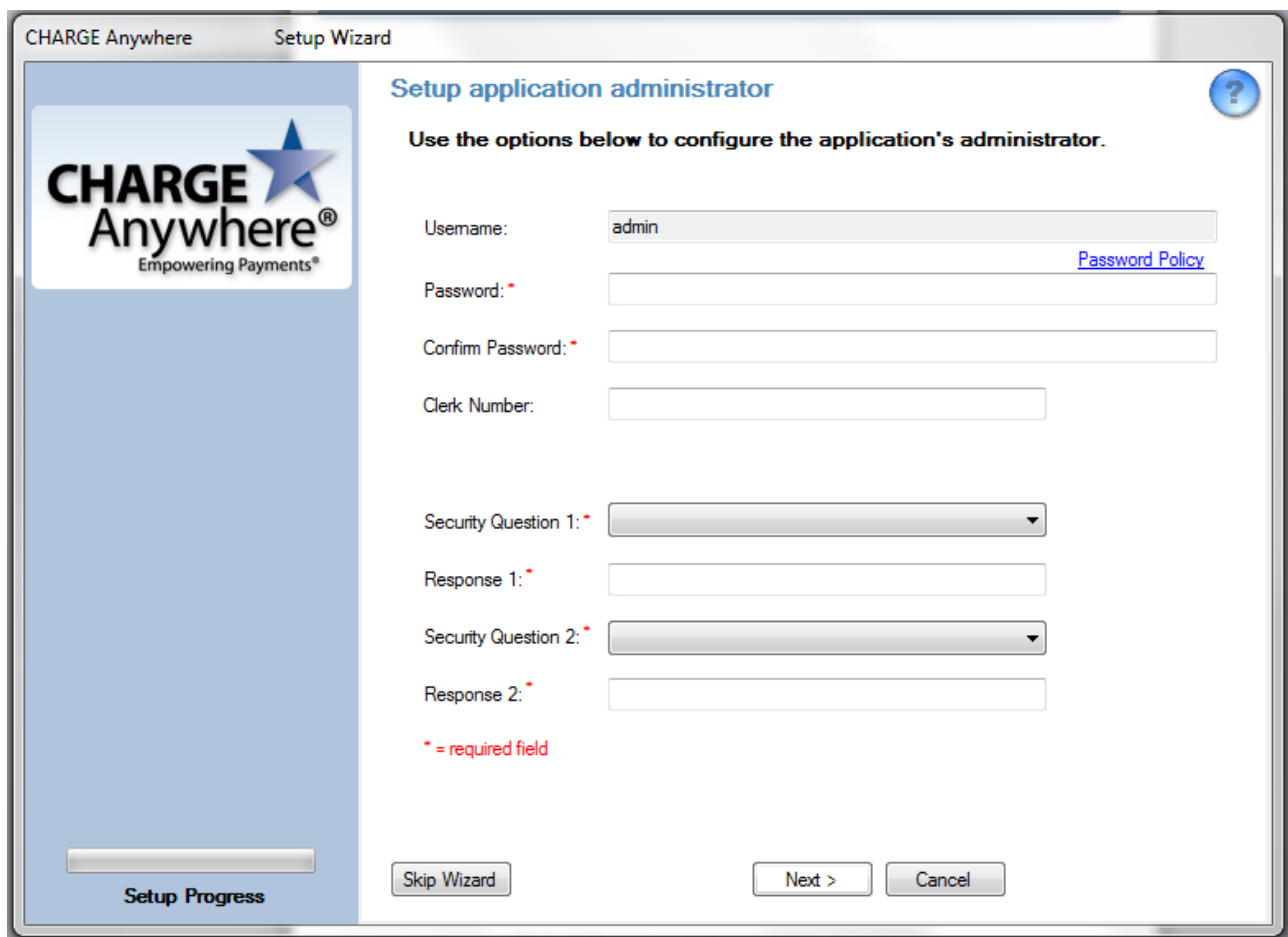
1 USER PROFILE CREATION

Go to 'Start' Menu and Select 'QuickSale for Windows'

In Chargeanywhere Setup Wizard Window

Enter Password, Clerk # (not required), Security Question and Security Answer to create User Profile.

Press "Next".



The screenshot shows the 'Setup application administrator' window in the CHARGE Anywhere Setup Wizard. The window title is 'CHARGE Anywhere Setup Wizard'. On the left side, there is a logo for 'CHARGE Anywhere Empowering Payments'. The main content area is titled 'Setup application administrator' and contains the following fields and instructions:

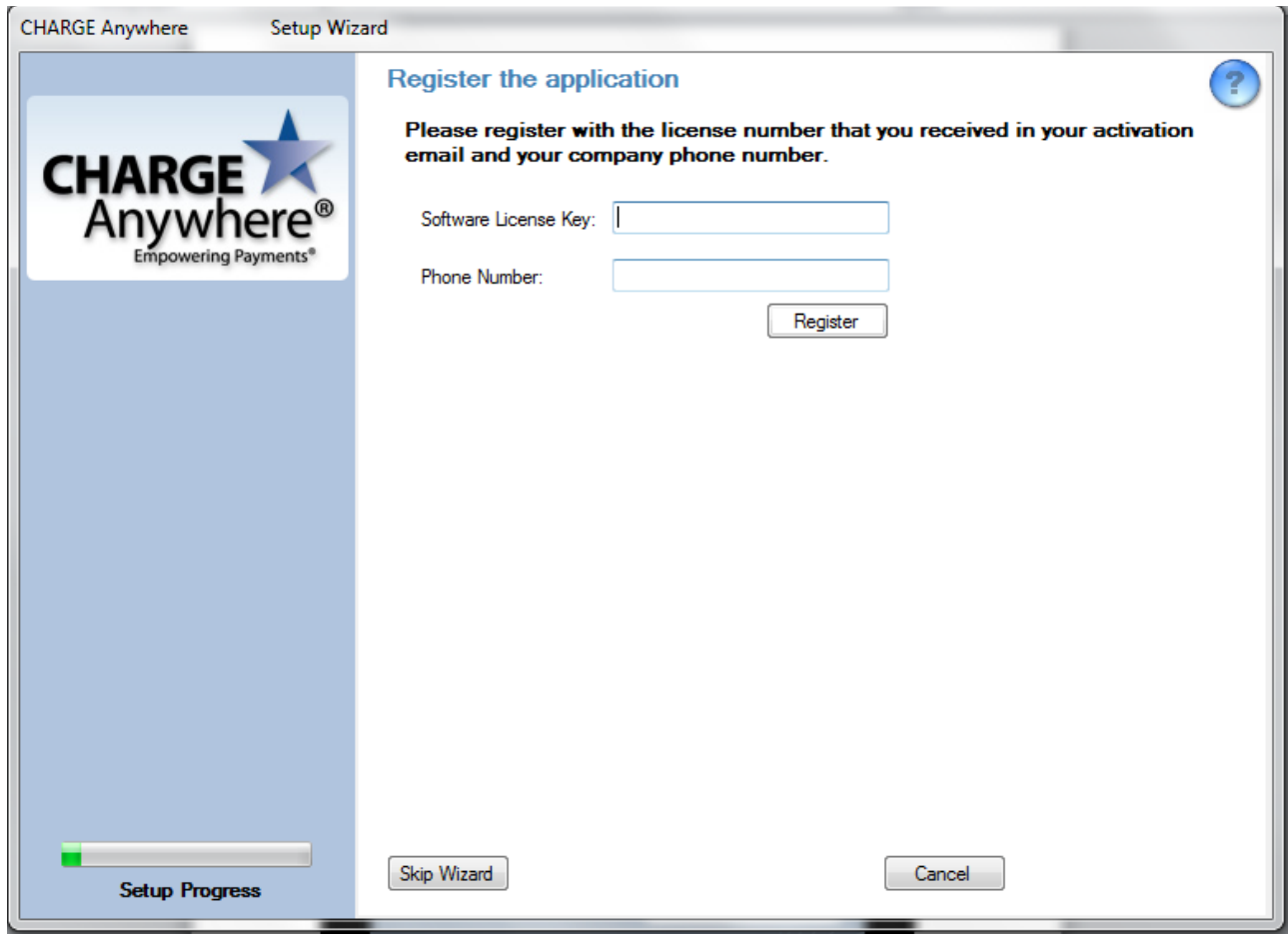
- Username:** A text input field containing 'admin'.
- Password:** A text input field with a red asterisk indicating it is required. A link for 'Password Policy' is visible to the right.
- Confirm Password:** A text input field with a red asterisk indicating it is required.
- Clerk Number:** A text input field.
- Security Question 1:** A dropdown menu with a red asterisk indicating it is required.
- Response 1:** A text input field with a red asterisk indicating it is required.
- Security Question 2:** A dropdown menu with a red asterisk indicating it is required.
- Response 2:** A text input field with a red asterisk indicating it is required.

A legend at the bottom left of the form area states: '* = required field'. At the bottom of the window, there are three buttons: 'Skip Wizard', 'Next >', and 'Cancel'. A 'Setup Progress' bar is located at the bottom left of the main content area.

2 LICENSE REGISTRATION

Enter Software License Key and Phone number. Press 'Register'

To request a demo license go to <http://corporate.chargeanywhere.com/contact-us/>

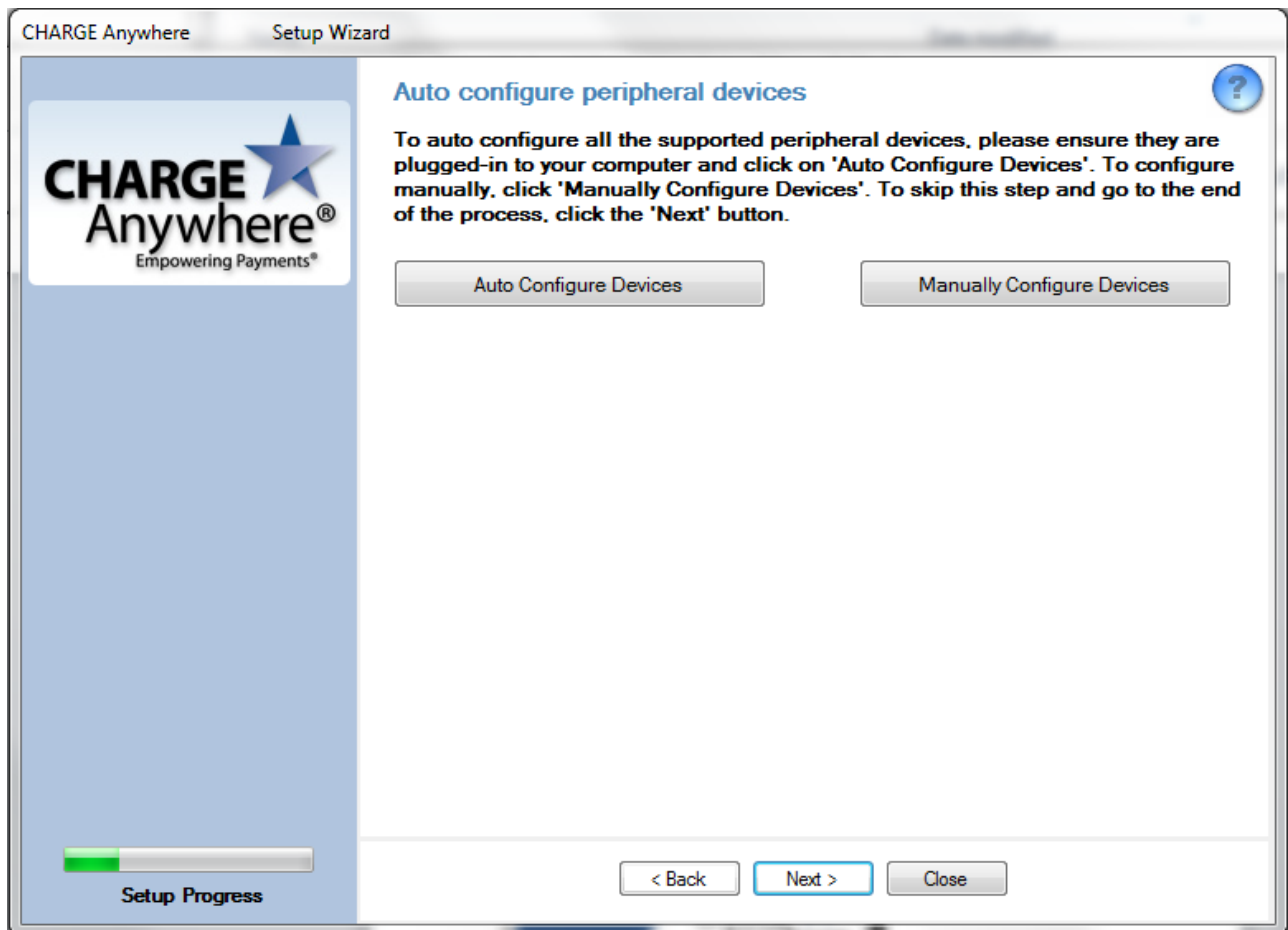


The screenshot shows a software registration window titled "CHARGE Anywhere Setup Wizard". On the left side, there is a vertical panel with the CHARGE Anywhere logo and a "Setup Progress" bar. The main area is titled "Register the application" and contains the following text: "Please register with the license number that you received in your activation email and your company phone number." Below this text are two input fields: "Software License Key:" and "Phone Number:". A "Register" button is positioned below the "Phone Number" field. At the bottom of the window, there are "Skip Wizard" and "Cancel" buttons.

Once the registration is successful, Press 'Next' and finish configuring rest of the settings

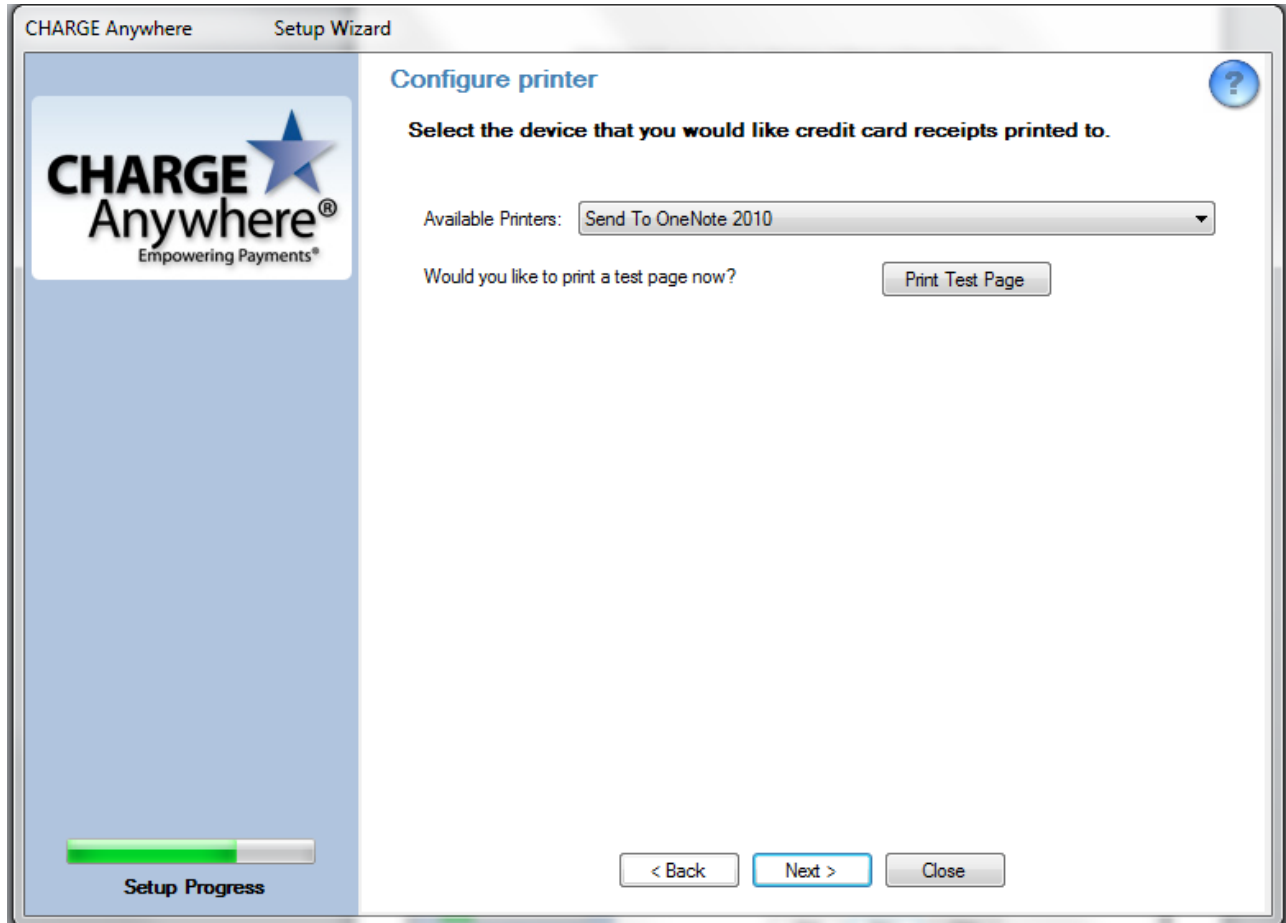
3 CONNECT TO PERIPHERAL DEVICES (SWIPER AND PINPAD)

Press either 'Auto configure Devices' / 'Manually Configure Devices' to configure Swiper. Press Next.



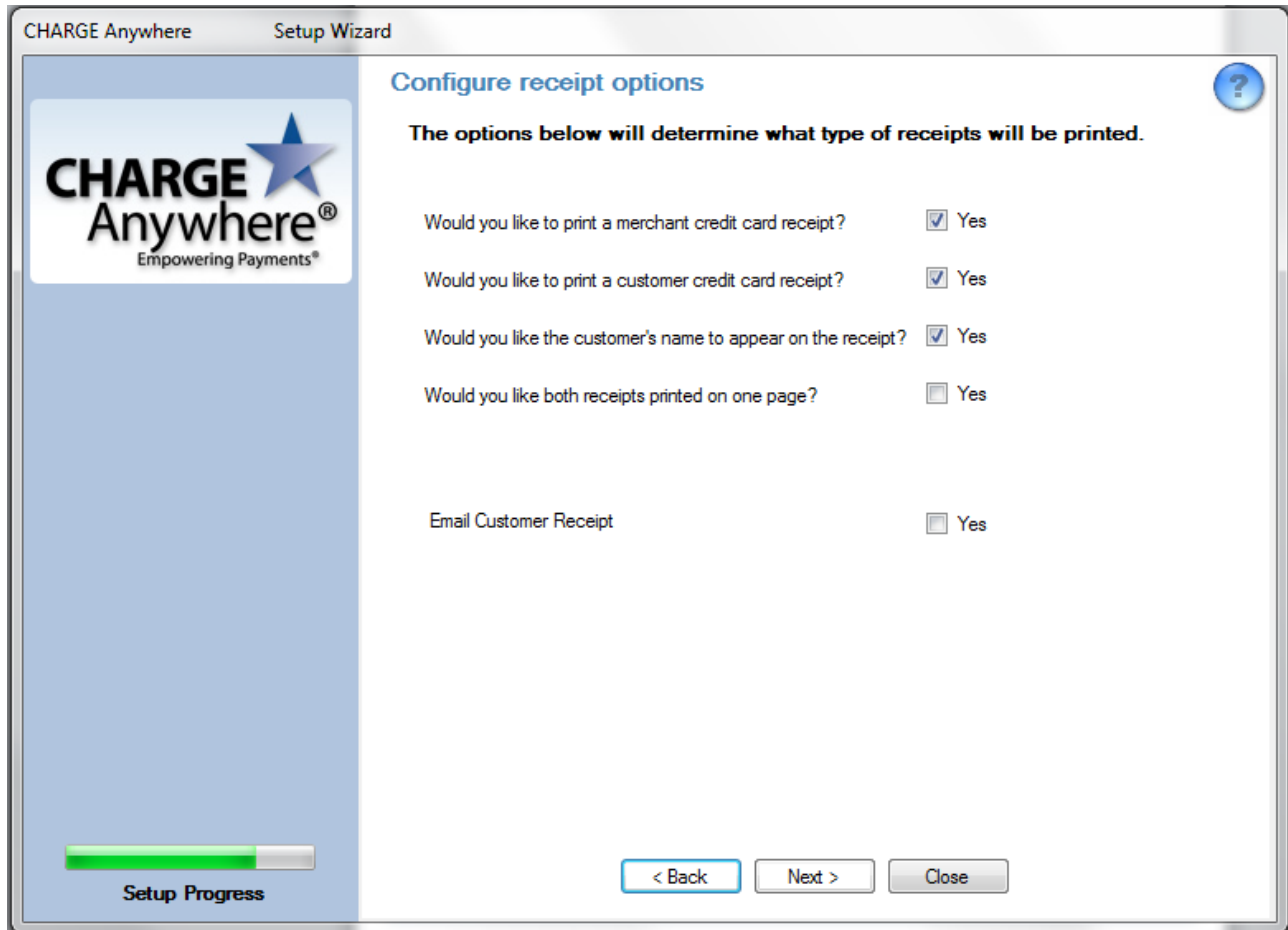
4 CONFIGURE PRINTER

Select Available Printer from the dropdown. Press 'Next'



5 CONFIGURE RECEIPT OPTIONS

After configuration Press 'Next'



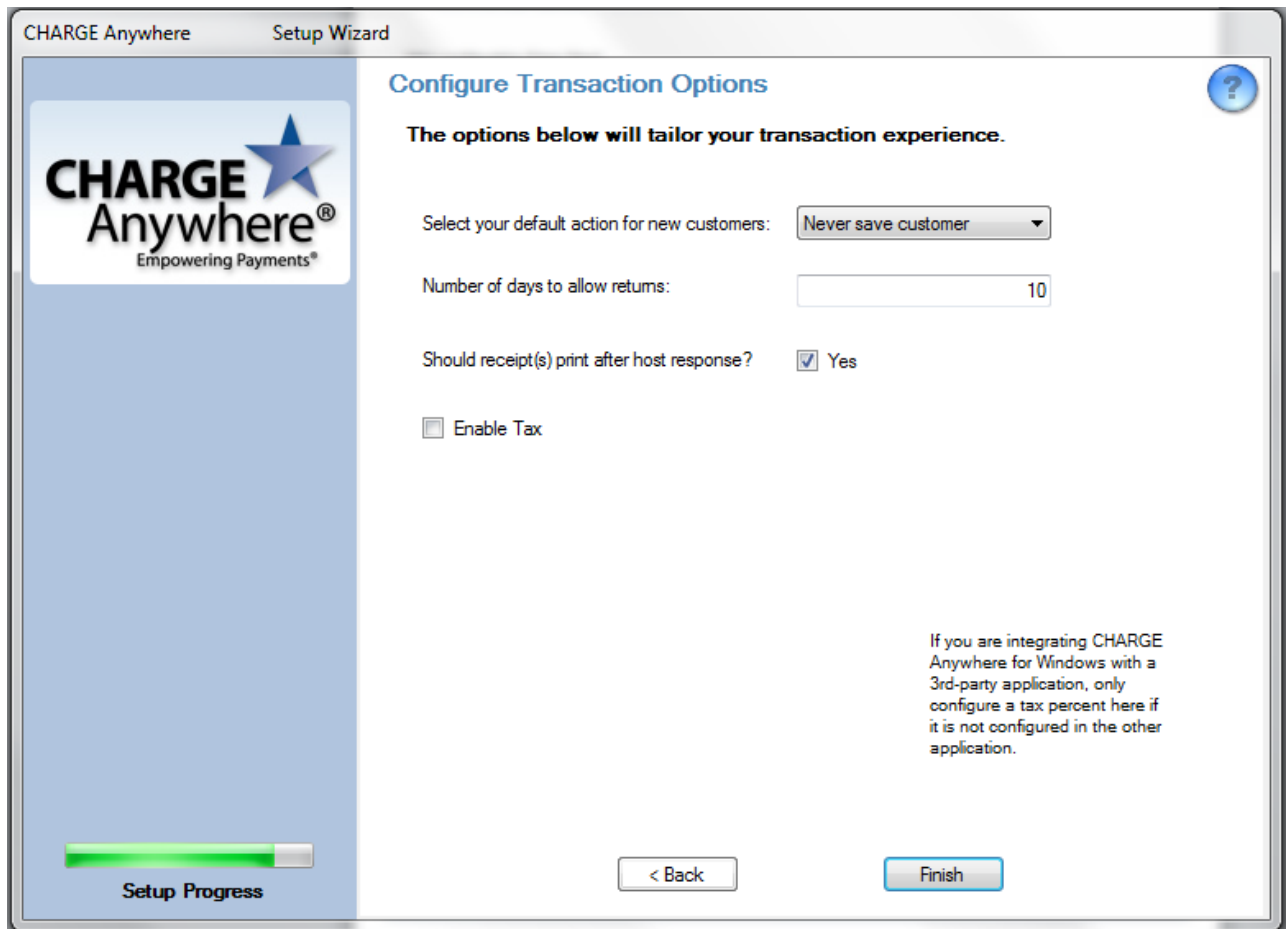
The screenshot shows a software window titled "CHARGE Anywhere Setup Wizard". The window is divided into two main sections. On the left is a vertical sidebar containing the CHARGE Anywhere logo and a "Setup Progress" bar. The main area on the right is titled "Configure receipt options" and contains a list of questions with checkboxes for "Yes" or "No".

Question	Yes
Would you like to print a merchant credit card receipt?	<input checked="" type="checkbox"/> Yes
Would you like to print a customer credit card receipt?	<input checked="" type="checkbox"/> Yes
Would you like the customer's name to appear on the receipt?	<input checked="" type="checkbox"/> Yes
Would you like both receipts printed on one page?	<input type="checkbox"/> Yes
Email Customer Receipt	<input type="checkbox"/> Yes

At the bottom of the window, there are three buttons: "< Back", "Next >", and "Close".

6 CONFIGURE TRANSACTION OPTIONS

After Configuration Press 'Finish'.



The screenshot shows a software window titled "CHARGE Anywhere Setup Wizard". The window is divided into two main sections. On the left is a vertical sidebar containing the CHARGE Anywhere logo and a "Setup Progress" bar that is approximately 75% full. The main area on the right is titled "Configure Transaction Options" and contains the following elements:

- A sub-header: "The options below will tailor your transaction experience."
- A dropdown menu: "Select your default action for new customers:" with the selected option "Never save customer".
- A text input field: "Number of days to allow returns:" with the value "10".
- A checkbox: "Should receipt(s) print after host response?" which is checked and labeled "Yes".
- A checkbox: "Enable Tax" which is unchecked.
- A help icon (question mark in a circle) in the top right corner.
- A note at the bottom right: "If you are integrating CHARGE Anywhere for Windows with a 3rd-party application, only configure a tax percent here if it is not configured in the other application."
- Navigation buttons: "< Back" and "Finish".

7 USER LOGIN

Enter User name and Password. Press 'OK'

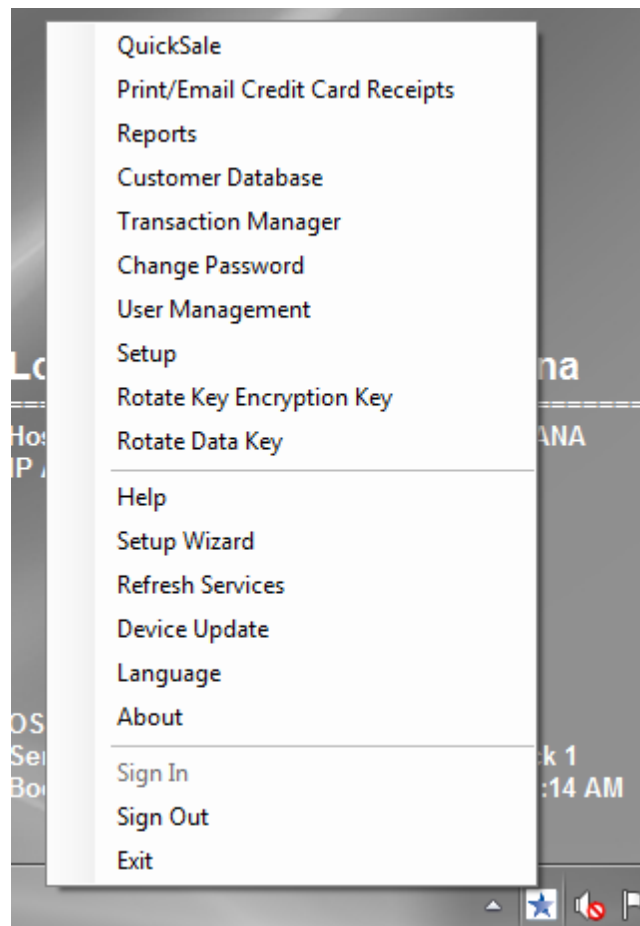


The image shows a screenshot of a software dialog box titled "CHARGE Anywhere Authentication". The dialog box has a white background with a blue header bar. On the right side of the header bar, there are three icons: a question mark, a close button (X), and a maximize button. Below the header bar, the "CHARGE Anywhere" logo is displayed. Underneath the logo, the text "Login Information" is followed by two input fields: "Username:" and "Password:". Below the "Password:" field, there is a blue hyperlink that says "Forgot my password". At the bottom of the dialog box, there are two buttons: "OK" and "Cancel".

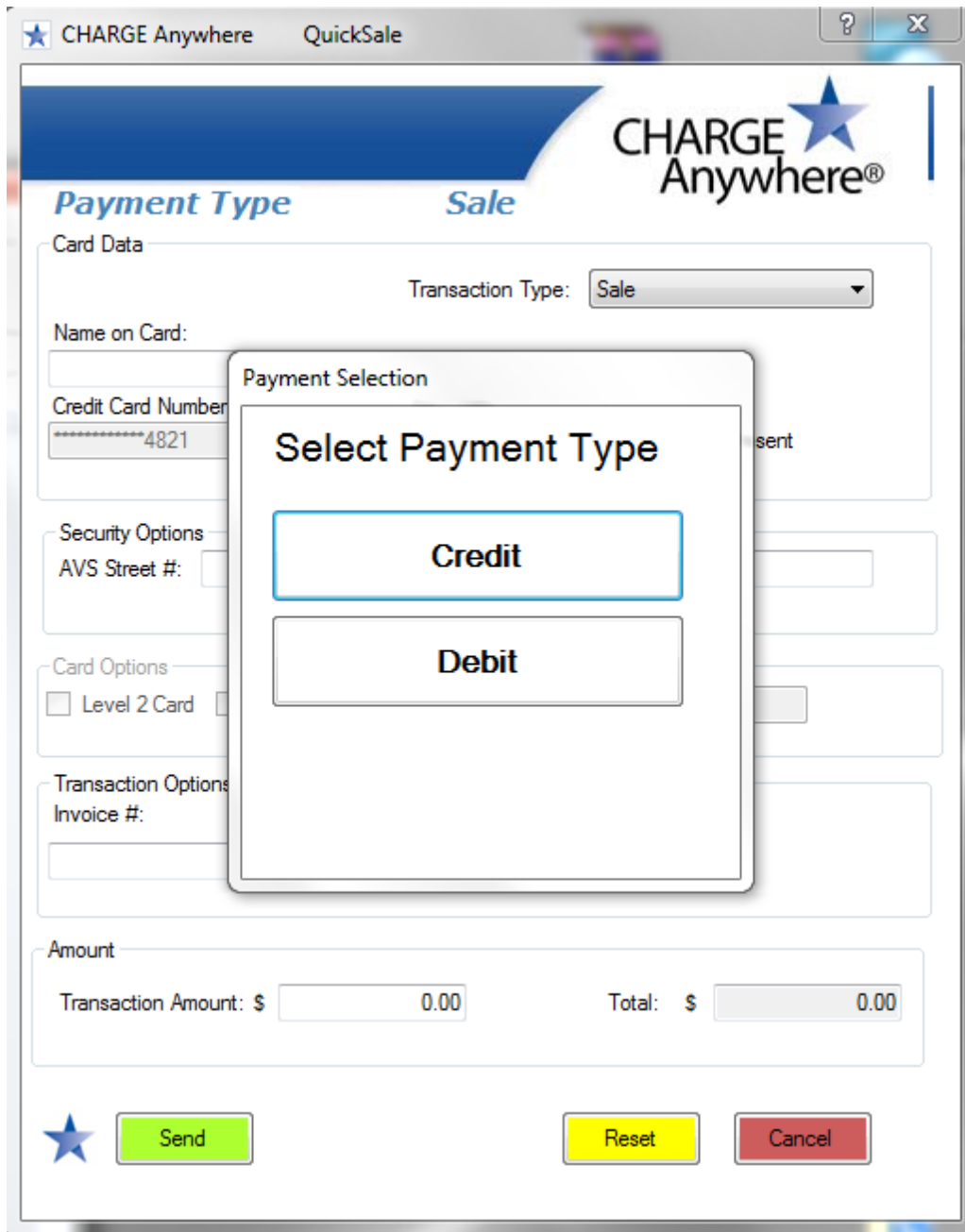
8 PROCESS A TEST TRANSACTION

8.1 Open 'QuickSale' by Right Clicking on Star icon on Task Bar menu and select 'QuickSale' or

8.2 If Swiper is configured, Swipe a card to bring up QuickSale window.



8.3 Select Credit/Debit if Swiper is connected and pin capable

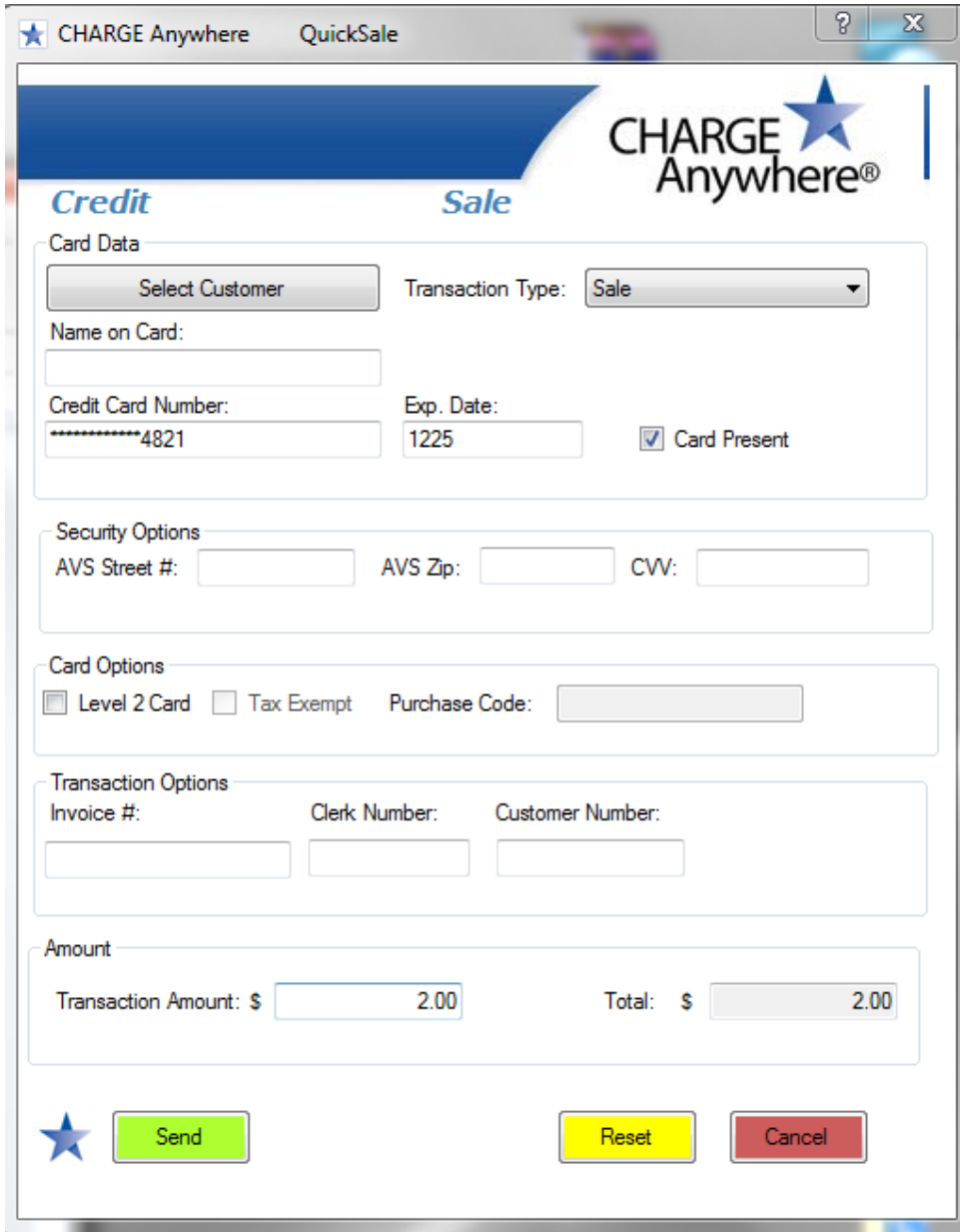


9 PROCESS A TEST TRANSACTION

To start a transaction, perform either of two steps

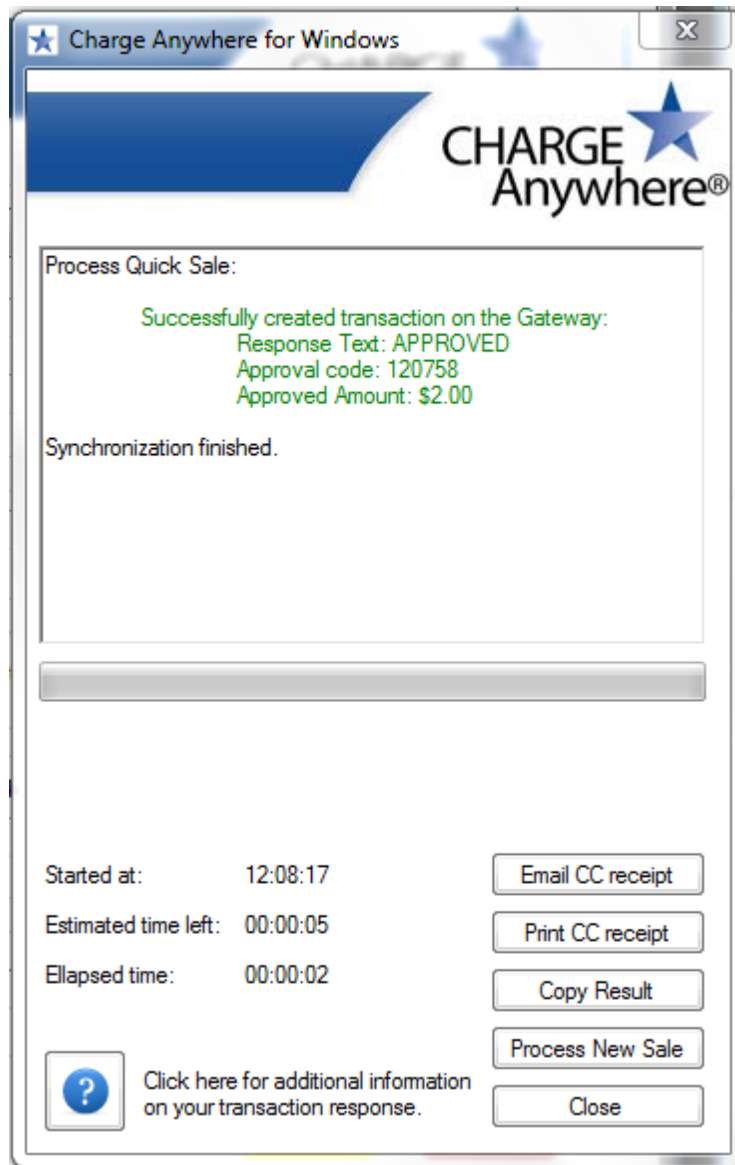
Manually enter Credit Card Information or Swipe/Insert Chip card into connected peripheral device

Enter Amount. Press Send. Follow the instructions on the screen.



The screenshot shows the 'CHARGE Anywhere QuickSale' application window. The interface has a blue header with the logo and 'Credit Sale' tabs. The main form is divided into several sections: 'Card Data' with fields for 'Select Customer', 'Transaction Type' (set to 'Sale'), 'Name on Card', 'Credit Card Number' (partially filled with '*****4821'), 'Exp. Date' (set to '1225'), and a checked 'Card Present' box; 'Security Options' with fields for 'AVS Street #', 'AVS Zip', and 'CW'; 'Card Options' with checkboxes for 'Level 2 Card' and 'Tax Exempt', and a 'Purchase Code' field; 'Transaction Options' with fields for 'Invoice #', 'Clerk Number', and 'Customer Number'; and 'Amount' with 'Transaction Amount' set to '\$ 2.00' and 'Total' set to '\$ 2.00'. At the bottom, there are three buttons: a blue star icon, a green 'Send' button, a yellow 'Reset' button, and a red 'Cancel' button.

Transaction result is shown in next window. From here, send an email/Print/Process New Sale.



10 INITIATING QUICKSALE FROM YOUR APPLICATION TO PROCESS A PAYMENT.

10.1 Open a socket connection to the host IP where QuickSale is running with PORTNUMBER 13000

The data send over the socket is in following format

ChargeanywhereProcessTransaction://?transactionType=1&saleAmount=amt

Parameter description:

Name	Type	Description
transactionType	String	1 – Sale 2 - Return
saleAmmount	String	The amount to be processed by QuickSale App.
invoiceNumber	String	The invoiceNumber to be used for this transaction.
clerkNumber	String	The clerkNumber to be used for this transaction.
customerNumber	String	The customerNumber to be used for this transaction.

Each parameter is separated by ‘&’

Data is wrapped between STX (0x02) and ETX(0X03)

Sample Code:

```
int PORTNUMBER = 13000;
byte[] bytes = new byte[1024];
try
{
    // Establish the remote endpoint for the socket.
    IPHostEntry ipHostInfo = Dns.GetHostEntry(Dns.GetHostName());
    IPAddress ipAddress = new IPAddress(new byte[] { 127, 0, 0, 1 });
    IPEndPoint remoteEP = new IPEndPoint(ipAddress, PORTNUMBER);
    // Create a TCP/IP socket.
    Socket sender = new Socket(ipAddress.AddressFamily,
        SocketType.Stream, ProtocolType.Tcp);
    // Connect the socket to the remote endpoint. Catch any errors.
    try
    {
```



```
sender.Connect(remoteEP);
Console.WriteLine("Socket connected to {0}",
    sender.RemoteEndPoint.ToString());
String dataToSend = @"ChargeanywhereProcessTransaction://?";
if (radioButtonSale.Checked)
    dataToSend += TRANSACTION_TYPE + "=" + "1";
else
    dataToSend += TRANSACTION_TYPE + "=" + "2";
dataToSend += "&" + SALE_AMT + "=" + textBoxAmount.Text;
dataToSend += "&" + CLERK_NUM + "=" + textBoxClerk.Text;
dataToSend += "&" + INVOICE_NUM + "=" + textBoxInvoice.Text;
dataToSend += "&" + CUST_NUM + "=" + textBoxCustomer.Text;
byte[] msg = WrapString(dataToSend);
// Send the data through the socket.
int bytesSent = sender.Send(msg);
// Receive the response from the remote device.
int bytesRec = sender.Receive(bytes);
String dataRec = getPayload(bytes, bytesRec);
    Console.WriteLine("Data received = {0}",
        dataRec);
    parseDataAndShowForm(dataRec);
// Release the socket.
sender.Shutdown(SocketShutdown.Both);
sender.Close();
}
catch (ArgumentNullException ane)
{
    Console.WriteLine("ArgumentNullException : {0}", ane.ToString());
    MessageBox.Show("Error in sending data:" + ane.Message);
}
catch (SocketException se)
{
    Console.WriteLine("SocketException : {0}", se.ToString());
    MessageBox.Show("Error in sending data:" + se.Message);
}
catch (Exception ee)
{
    Console.WriteLine("Unexpected exception : {0}", ee.ToString());
    MessageBox.Show("Error in sending data:" + ee.Message);
}
}
```

```
catch (Exception ex)
{
    Console.WriteLine(ex.ToString());
    MessageBox.Show("Error in sending data:"+ex.Message);
}
private byte[] WrapString(string msgToSend)
{
    int length = msgToSend.Length;
    byte[] data = new byte[length + 2];
    data[0] = stx;
    data[length + 1] = etx;
    Array.Copy(System.Text.Encoding.ASCII.GetBytes(msgToSend), 0, data, 1, length);
    return data;
}
```

10.1 Processing Payments from Sale Screen.

Opening Socket to host running Quicksale, opens up the QuickSale Window.

Enter Credit card information and press Send

If connected to external Swiper, Swipe/Insert the Chip card into the connected peripheral device. Follow the instructions on the Application.

11 RECEIVING DATA FROM QUICKSALE APPLICATION.

11.1 Data from QuicikSale Application can be received over the open socket connection.

Data is wrapped between STX (0X02) and ETX (0X03)

Return data;

“ChargeanywhereTransactionResult:\\?”

Response when payment is Approved:

" Chargeanywhere TransactionResult://?CardNumber =* * * * * 1004&

CardHolder Name=Test &Response=APPROVED& ResponseCode=000&TransactionId=900000123&

Appr oval Code=114250& ProcessReferenceNumber =989998&CVVResponse=y& AVSResponse=y&

TransactionType=Sal e&AuthorizedAmt =1.00”

Response when Payment is Declined/Payment is cancelled:

" Chargeanywhere TransactionResult://?TransactionResult =TransactionCancelled”

Parameter description:

Name	Type	Description
cardNumber	String	Truncated Card Number
cardHolderName	String	Card Holder Name (if available)
responseCode	String	Three digit Response Code returned by Gateway
responseText	String	Response Text
avsResponse	Char	One character AVS Response (if available).
cvvResponse	Char	One character CVV Response (if available).
approvalCode	String	6 digit Approval code from Gaetway
transactionId	String	9 digit Transaction ID
gatewayReferenceNumber	String	Reference Number (if available) returned by Gateway
processReferenceNumber	String	Reference Number (if available) returned by Processor
authorizedAmount	String	Amount authorized by Gateway