

Developers SDK for EMV Pin Pads and Card Readers

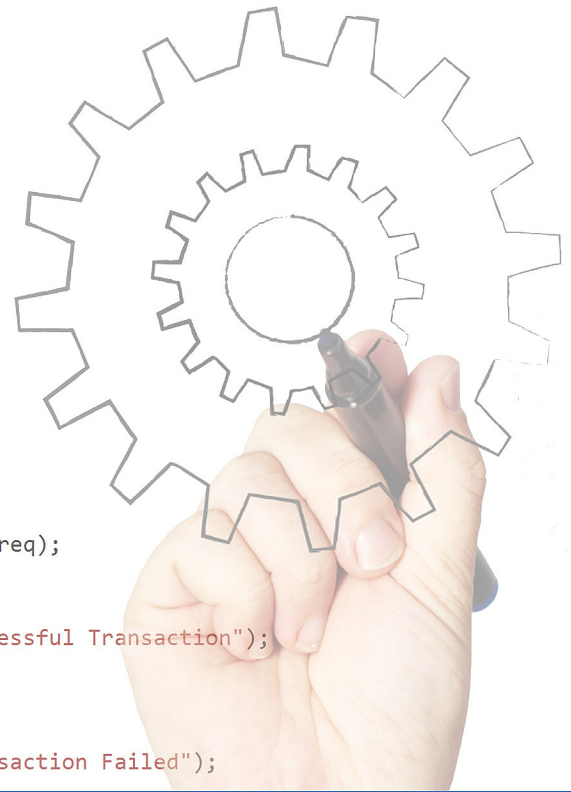
TAKE CONTROL OF YOUR PAYMENT PROCESSING

```
// Specify how to connect
DeviceConnectRequest connectReq = new DeviceConnectRequest();
connectReq.configfile = txtINIFilename.Text;
connectReq.commport = cmbQuickCOMPort.SelectedItem.ToString();
connectReq.ip = txtQuickIPAddress.Text;
connectReq.port = int.Parse(txtQuickPort.Text);

// Specify transaction configuration option
DeviceTransactionConfig cfg = new DeviceTransactionConfig();
cfg.cfg_emvEnabled = (chkQuickEMV.Checked) ? "1" : "0";
cfg.cfg_swipeEnabled = (chkQuickSwiped.Checked) ? "1" : "0";
cfg.cfg_contactlessMode = cmbQuickContactless.SelectedItem.ToString();
cfg.cfg_cashback = (chkQuickCashback.Checked) ? "1" : "0";
cfg.cfg_credit = "1";
cfg.cfg_PINdebit = "1";
cfg.cfg_gift = "0";
cfg.cfg_totals = "1";
cfg.cfg_signature = "1";

// Setup the transaction request details
DeviceTransactionRequest req = new DeviceTransactionRequest();
req.username = "R4366435";
req.deviceid = System.Environment.MachineName.Substring(0, 8);
req.product = "Transaction Example";
req.transtype = "SALE";
req.amount = txtQuickAmount.Text;
req.allow_duplicates = "1";
Hardware hw = new Hardware();

// Process the transaction
DeviceTransactionReply reply = hw.ProcessTransaction(connectReq, cfg, req);
if (reply.response() == "SUCCESS")
{
    Console.WriteLine(response + "\r\n" + reply.description, "Successful Transaction");
}
else
{
    Console.WriteLine("\r\n" + reply.description, "Transaction Failed");
}
```



KEEP OUT OF PCI SCOPE

3 SOLUTIONS TO CHOOSE FROM

Card Types

- Credit
- PIN-Debit
- Gift-Loyalty

Pin Pads

- Verifone
- Ingenico
- IDTech

1

.NET

```
// Setup the transaction request details
DeviceTransactionRequest req = new DeviceTransactionRequest();
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req.deviceId = System.Environment.MachineName.Substring(0, 8);
req.product = "Transaction Example";
req.transtype = "SALE";
req.amount = txtQuickAmount.Text;
req.allow_duplicates = "1";
Hardware hw = new Hardware();

// Process the transaction
DeviceTransactionReply reply = hw.ProcessTransaction(connectReq, cfj);
if (reply.response.ToUpper() == "SUCCESS")
{
    MessageBox.Show(reply.response + "\r\n" + reply.description, "Sl
}
else
{
    MessageBox.Show(reply.response + "\r\n" + reply.description, "Tr
```



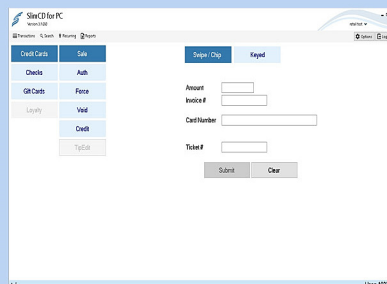
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POSVPN



3

LAUNCH OUR APP



DEVICE AND PROCESSOR INDEPENDENCE

- Switch between pin pads and processors as needed, without changing your source code
- Point-to-Point Encryption and Tokenization
- Full support for Retail, Lodging, Healthcare, and Restaurant transactions
- Signature capture and manual card number and entry supported on capable pin pads
- Custom user input forms available on some pin pads

All Slim CD Supported Pin Pads use Manufacturer Default Firmware. No Proprietary Firmware Loading Required.



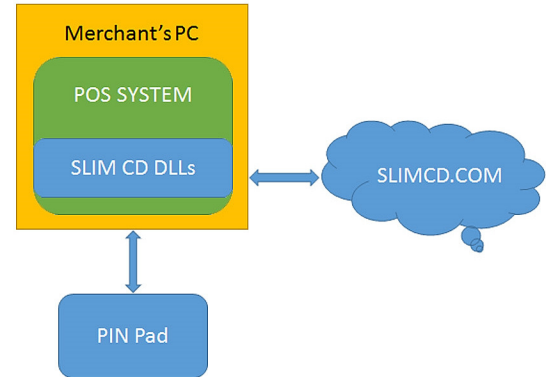
EMV MADE EASY
DEVELOPERS

POS SOLUTION - Software Semi-Integrated

POS System Integration



Transaction Flow Diagram



POS SOFTWARE – SEMI-INTEGRATED

```
DeviceConnectRequest connectReq = new DeviceConnectRequest();
connectReq.commport = cmbQuickCOMPort.SelectedItem.ToString();

DeviceTransactionConfig cfg = new DeviceTransactionConfig();
cfg.cfg_emvEnabled = "1";
cfg.cfg_swipeEnabled = "1";

DeviceTransactionRequest req = new DeviceTransactionRequest();
req.username = "RP4887A";
req.password = "";
req.transtype = "SALE";
req.amount = "1.00";

Hardware hw = new Hardware();
DeviceTransactionReply reply = hw.ProcessTransaction(connectReq, cfg, req);

MessageBox.Show(reply.response + "\r\n" + reply.description);
```

Visual Studio



Android



Multilane Devices

VeriFone MX915/925
Ingenico ISC250/480

Countertop Devices

Ingenico IPP320/250
VeriFone VX805/820

Desktop/Laptop

IDTECH Augusta

Mobile (Android-only)

IDTech UniPay 1.5/III

API Supports

- Eliminates PA/DSS & EMV Certifications
- Point-to-Point Encryption
- Tokenization on all transactions
- Keyed transactions on MultiLane and Countertop
- Easy implementation
- Device & Processor Independence
- Custom forms, signatures and line items

INDUSTRIES

- Retail
- Restaurant
- Lodging
- HealthCare (IIAS/Flex Spending)

CARD TYPES

- Credit
- PIN Debit
- Gift Cards



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VPN/Cloud Solution – Hardware Semi-integrated

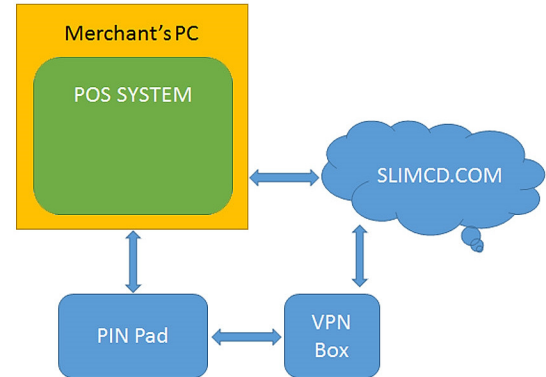
POS System Integration



VPN HARDWARE – SEMI-INTEGRATED

```
SlimCDPOSVPN posvpn = new SlimCDPOSVPN();  
  
DeviceConnectRequest connectReq = new DeviceConnectRequest();  
connectReq.vpn_id = "211d4158-2a05-5ddd-95de-73c6cc1bca25";  
connectReq.vpn_username = "RP4887A";  
connectReq.vpn_password = "";  
connectReq.DLLClass = "Ingenico"; // Ingenico or VeriFone  
  
DeviceTransactionConfig transconfigReq = new DeviceTransactionConfig();  
transconfigReq.cfg_emvEnabled = "1";  
transconfigReq.cfg_swipeEnabled = "1";  
  
DeviceTransactionRequest transReq = new DeviceTransactionRequest();  
transReq.username = "RP4887A";  
transReq.password = "";  
transReq.transType = "SALE";  
transReq.amount = "1.00";  
DeviceTransactionReply reply = posvpn.ProcessTransaction(connectReq,  
transconfigReq, transReq);  
MessageBox.Show(reply.description, reply.response);
```

Transaction Flow Diagram



Also Works With
SLIM CD Hosted
Payment Pages

Windows MAC iPhone Android IE Chrome



Multilane Devices

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Ingenico ISC250/480

Countertop Devices

Ingenico IPP320/250
VeriFone VX805/820

API Supports

- Eliminates PA/DSS & EMV Certifications
- Removes transaction data from POS altogether
- Point-to-Point Encryption
- Tokenization on all transactions
- Keyed transactions on MultiLane and Countertop
- Easy implementation
- Device & Processor Independence
- Custom forms, signatures and line items

INDUSTRIES

- Retail
- Restaurant
- Lodging
- **HealthCare (IIAS/Flex Spending)**

CARD TYPES

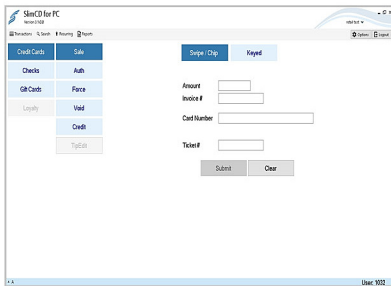
- Credit
- PIN Debit
- Gift Cards



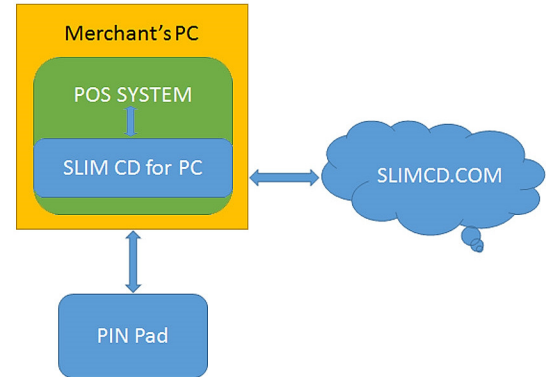
EMV MADE EASY
DEVELOPERS

Traditional Solution – Launch Our Software

Easy Software Integration



Transaction Flow Diagram



LAUNCH OUR APP– SEMI-INTEGRATED

```
<XMLVPOS>
  <transtype>SALE</transtype>
  <amount>4.95</amount>
  <first_name>Bob</first_name>
  <last_name>Smith</last_name>
  <client_transref>Invoice 123</client_transref>
  <address>123 test st</address>
  <city>Test Town</city>
  <state>FL</state>
  <zip>33333</zip>
  <country>US</country>
  <phone>561-555-1212</phone>
  <email>test@slimcd.com</email>
</XMLVPOS>
```

Visual Studio



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INDUSTRIES

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- Restaurant
- Lodging
- HealthCare (IIAS/Flex Spending)

CARD TYPES

- Credit
- PIN Debit
- Gift Cards



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FACT SHEET - Specifications

FACT SHEET

- Point-to-Point Encryption
- Tokenization on each transaction
- Avoid PA-DSS Validation
- Avoid EMV Certification
- Reduce PCI Scope for merchants
- Accept EMV, Swipe, Keyed transactions on the devices
- Custom forms, including custom line item and signature capture
- Accepts Credit Cards, PIN Debit Cards, and Gift Cards
- Performs TIP prompting
- Supports Lodging data fields
- Supports Auto Rental data fields
- Supports HealthCare IIAS/Flex Spending Cards
- Platform-specific libraries which can be directly integrated into your software
 - o Software Semi-integrated for .NET 4.5 and Android
 - o Web Services calls (XML or JSON) for the VPN/Hardware Semi-integrated solution
 - o Libraries in .NET, Android and iPhone for the VPN/Hardware Semi-integrated solution
- Devices can be USB, TCPIP or on our VPN (TCP/IP)
- Device Independence. Devices can be from
 - o Ingenico
 - o VeriFone
 - o IDTech
- Processor Independence
 - o First Data
 - o Vantiv
 - o TSYS

SLIM CD Customer Support for your customers is included

**Additional API Documentation, <http://developer.slimcd.com>
www.slimcd.com • 877-475-4623 • support@slimcd.com**



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