

PCIntegrate

Simple Payment Integration for Complex EMV Standards

The PCIntegrate concept:

PCIntegrate is a method of integrating a TechTrex EMV payment terminal or PINpad into existing PC POS clients or register devices. The concept is simple, take our S700 PINpad which is already capable of running as a terminal, provide a simple S700 PINpad software interface to the PC and use that S700 PINpad as the "payment engine" for your existing PC POS solution for processing EMV debit and credit transactions.

How is it done?

Rather than provide developers with a complicated list of API commands and communication protocol that is costly and time-consuming to learn and implement, PCIntegrate takes a completely different approach by allowing a developer to interact directly with the application on the terminal via virtual keystrokes.

The Benefits:

- ✓ Extremely fast, simple integration is now achievable as the developer only simulates key strokes
- ✓ Avoid PC POS certification since existing certified S700 PINpad handles 100% of all communication to the financial host
- ✓ Highly secure as personal card data is not passed to PC



PCIntegrate works with any PC POS system

PCIntegrate

PCIntegrate Transaction Flow



S700 PINpad specifications

Processor	32-bit ARM9 processor								
Memory	64MB Flash, 32MB SDRAM								
Real Time Clock (RTC)	RTC has power backup for data retention while the external power is turned off								
Magnetic Stripe Card Reader (MSR)	ISO MSR will read Tracks 1,2,3								
SD Card Reader	Applicable								
Display	Graphical LCD with resolution 128 x 64								
Keypad	Software programmable. Integrated LED backlight								
Speaker	Integrated Single-tone Speaker								
Communication Options	<ul style="list-style-type: none"> • 1 RS232 port, 1 RJ45 Ethernet Port, 1 Dial up Port, 1 USB • Wired dial up modem 14400bps – V.21, V.22, V.22bis, V.23, V.29, V.32bis, Bell 103 and Bell 212 								
Power	AC/DC power adapter, external, 100-240V								
Environmental Specifications	<ul style="list-style-type: none"> • Operating Temperature 0°C to 40°C • Operating Humidity: 10% to 90% non-condensing 								
Hardware Warranty	1 year								
Size (L x W x H)	6.125" x 3" x 1.5"								
Certifications	<table border="0"> <tr> <td>Interac TSTR</td> <td>FCC part 15</td> </tr> <tr> <td>PCI 2.X</td> <td>FCC part 68</td> </tr> <tr> <td>EMV Level I</td> <td>Industry Canada</td> </tr> <tr> <td>EMV Level II</td> <td></td> </tr> </table>	Interac TSTR	FCC part 15	PCI 2.X	FCC part 68	EMV Level I	Industry Canada	EMV Level II	
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S700 PINpad