



B2 PINPad Integration Training

Since the October 2015 liability shift, support for EMV is essentially mandatory for processors in Canada and the US. However, adding support for EMV to a POS application is a complicated and challenging process. The EMV specifications are complicated, PINPad Interfaces have become significantly more complex and testing & certification has become a more demanding endeavour.

For many merchants and integrators, the first challenge is to know where to start. B2 has created a specialized training course to assist merchants and integrators who are embarking on an EMV project. The course is aimed at developers, QA, product and project managers and is designed to provide in-depth knowledge of the EMV standard, PINPad interface and industry requirements & best practices.

B2 brings extensive EMV and industry knowledge as well as hands-on knowledge of the most common PINPad interfaces, with the following APIs supported:

- Verifone XPI
- Ingenico TCPX
- Ingenico UIA

The B2 PINPad Integration Training course is delivered onsite and provides the technical knowledge required to properly plan and execute an EMV project.

DAY 1	DAY 2
<ul style="list-style-type: none">• Introduction to EMV & Contactless• EMV Functional Architecture• EMV Technical Transaction Flow• Contactless Transaction Flow• Compliance	<ul style="list-style-type: none">• PINPad API Transaction Flow• PINPad API EMV Commands• PINPad API EMV Configuration• POS Integration Recommendations• Merchant Issues and Questions

Topics covered include contactless & NFC card entry, QuickChip, cryptography and POS terminal management.

The schedule on Day 2 includes comprehensive discussions on EMV best practices and integration issues such as receipts, reports, fallback to MSR, test tools, debugging and transaction data logging. Time is also set aside for discussions around merchant specific issues and questions

Course materials include a binder with course slides, an EMV Reference Document and sample PINPad traces.

Contact B2 Processing Solutions for pricing and additional information.

About B2 Processing Solutions: A North American company with offices in Toronto and Atlanta, B2 Processing Solutions is a recognized industry leader, providing training, consulting, EMV™ Test Tools and Software Development to the Electronic Payments and Processing Industry since 2005.