

BP-Tools:

Help for Daily Electronic Payment Analysis

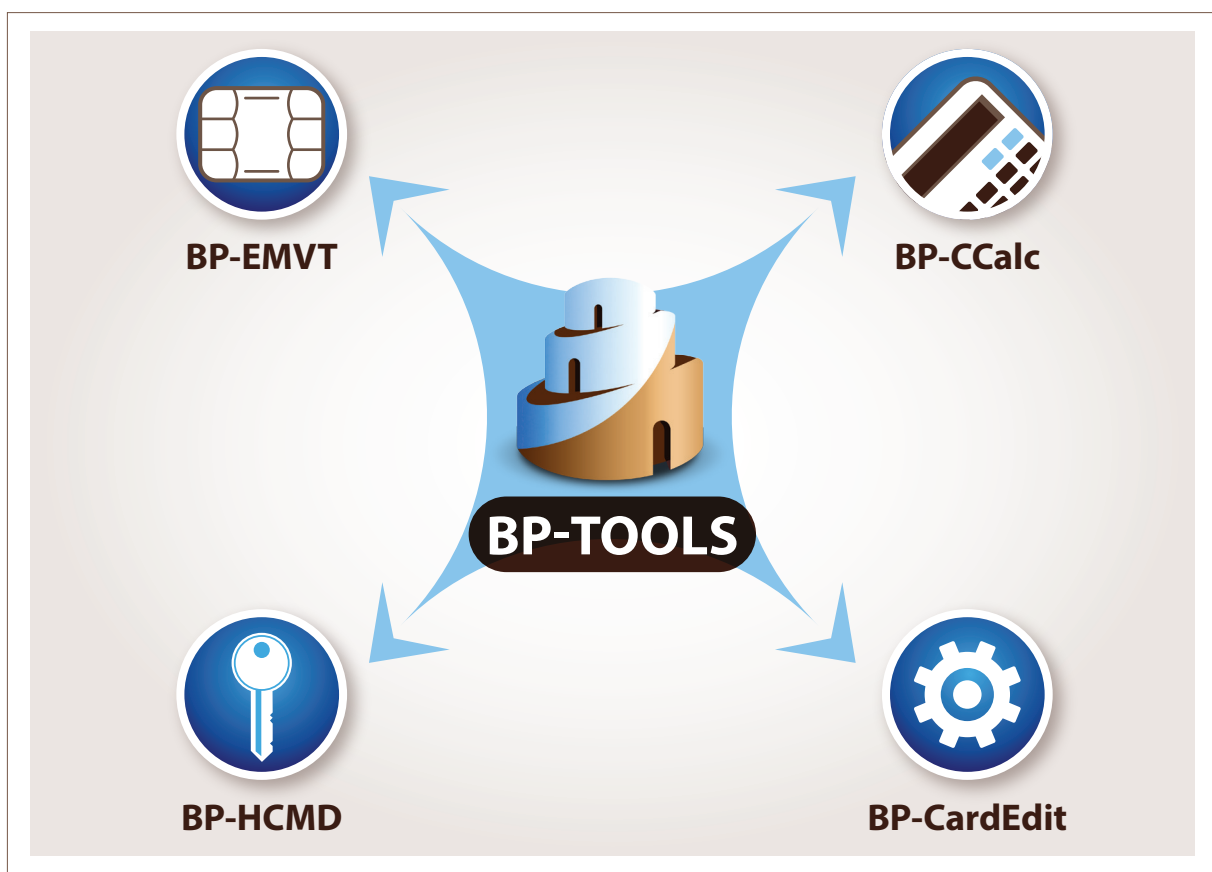


Are you developing or providing an electronic payments service?

Electronic payments systems are a core element of modern businesses. It is often critical to bring new payment solutions to market quickly and reliably.

EFTlab understands the complexities of electronic payments and has developed **BP-Tools** – a suite of freeware analysis applications – to help payment analysts perform their daily tasks and accelerate EFT system development.

BP-Tools comprises the following modules, all of which are available for free download from our website.



BP-Tools:

Helping you with your everyday payment analysis



- ✓ UNDERSTAND, DEVELOP AND TEST CRYPTOGRAPHIC OPERATIONS
- ✓ DIAGNOSE AND FIX CARD PRODUCTION ISSUES
- ✓ FORM CUSTOM COMMANDS AND TEST YOUR HSM
- ✓ GET AN UNDERSTANDING OF EMV

BP-CCalc: a Cryptographic Calculator:

BP-CCalc is a retail cipher calculator with support for the most frequent cryptographic operations.

It addresses day-to-day payments industry needs by providing key generation, PIN-block operations, security field validation and retail cryptography.

BP-EMVT: an EMV Knowledge and TLV Diagnostic Tool

BP-EMVT speeds-up EMV data analysis and ICC applications development by translating major EMV fields into human-readable form.

BP-EMVT eliminates the need to:

- Continually review EMV specifications
- Look-up codes
- Parse EMV data by hand

BP-HCMD: an HSM Commander

BP-HCMD consists of tools to query HSMs and analyse their response.

BP-HCMD users can issue commands directly to an HSM (e.g. TMK generation, MAC field validation, PIN block translation) and view the response in a human-readable form.

BP-HCMD also provides tools to analyse an HSM's DES calculation performance and provides diagnostics to determine the impact of network latency on security processing between the primary site and an HSM located at a DR site.

BP-HCMD makes it possible to determine if the HSM is powerful enough to meet system demands while still in a production environment.

BP-CardEdit: a Card Production File Editor

BP-CardEdit is a file viewer that allows users to see and understand the content of Thales P3™ input and output files. (The Thales P3™ is a security device used for in-house migration from magnetic stripe cards to EMV smart cards.)

The analytics provided by BP-CardEdit enable card issuers to understand the content of files consumed and produced by the Thales P3™, which is essential for all related analytic operations.



Would you like to know more? Please visit our website www.eftlab.com.au or e-mail us at info@eftlab.com.au for more details. We'd be happy to receive your call too on [+61 \(0\) 421 088 162](tel:+610421088162).