

# BP-Sim:

## Babylon Payments Simulator

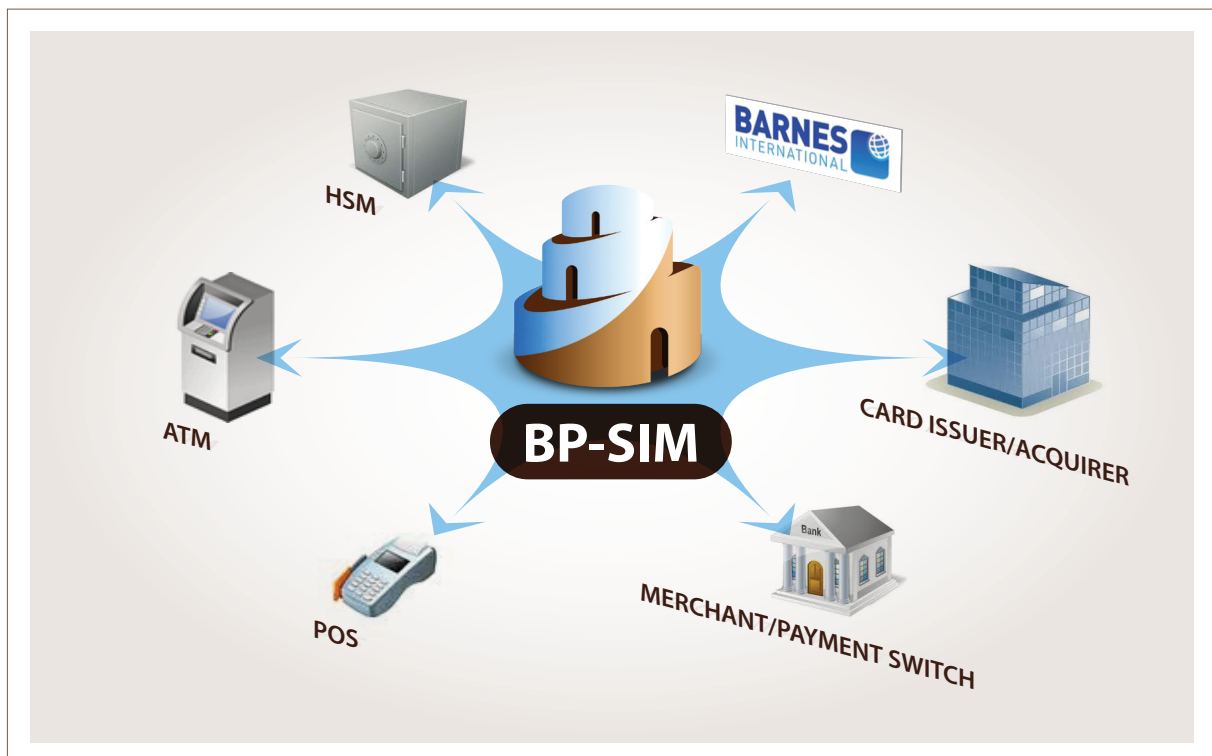


## Are you a bank, merchant or payment service provider?

We don't have to tell you how important testing is in the electronic payments industry, but we can show you how easy it can be when you use EFTlab's Babylon Payments Simulator.

BP-Sim is a suite of flexible, cost-effective testing tools designed from the ground up to meet your testing needs.

- ✓ Test all elements of the entire payment infrastructure (POS, Switch, Acquirer, Issuer etc.)
- ✓ Modular design enables rapid customization
- ✓ Support all common interchange formats
- ✓ Test your payment systems with the latest payment technologies (EMV, NFC, mobile payments)
- ✓ BP-Sim feels easy to beginners and powerful to professionals
- ✓ Regression testing is fully automated
- ✓ Provide efficient stress testing and capacity planning
- ✓ Simulation capabilities eliminate the need for expensive hardware such as HSM, payment terminals and ATMs



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### BP-SIM CONSISTS OF THE FOLLOWING MODULES:

- **BP-Source:** A payment transaction simulator. Generates payment messages based on their transaction format, security, card scheme used and messaging rules.
- **BP-Host:** A transaction authorisation service emulator. Enables validation and appropriate response to incoming payment messages.
- **BP-ATM:** An emulation of a real physical ATM with all of its screens, cassettes, cash and problem management. Replaces an entire ATM lab with a single instance application for fast ATM testing.
- **BP-HSM:** A Hardware Security Module emulator. Reduces the complexity and expense of security features development and testing.

Transaction formats:	Security supported:	Testing modes:	Other key features:
<ul style="list-style-type: none"><li>• APACS</li><li>• AS2805</li><li>• ISO8583 87' &amp; 93' dialects</li><li>• SPDH</li><li>• TCM</li><li>• BIC ISO</li><li>• NDC+</li><li>• DDC</li><li>• Aprta</li></ul>	<ul style="list-style-type: none"><li>• ANSI X9.8, X9.9</li><li>• DUKPT</li><li>• ZKA (Zentraler Kreditausschuss)</li><li>• EMV 4.1/4.2</li><li>• NFC</li><li>• ISOLINK</li></ul>	<ul style="list-style-type: none"><li>• Primary mode - POS transaction emulation &amp; Test scripting</li><li>• Load Testing - High volume parallel payment streams processing</li><li>• Batches - Complex testing scenarios employing multiple modules and transaction formats</li></ul>	<ul style="list-style-type: none"><li>• Multiplatform support</li><li>• External USB reader interface for contact and contactless EMV transactions</li><li>• Internal EMV card, terminal and issuer emulation</li><li>• Thales HSM RG7XXX, RG8XXX, RG9XXX emulation</li><li>• SafeNet Luna emulation</li><li>• In-depth transaction parsers for transactions and additional fields</li><li>• Guaranteed 2000 TPS (full 3DES DUKPT) from common office desktop</li><li>• Query-able transaction SQL database</li><li>• BarnesTest Integration</li></ul>

Would you like to know more? Please visit our website [www.eftlab.com.au](http://www.eftlab.com.au) or e-mail us at [info@eftlab.com.au](mailto:info@eftlab.com.au) and request a BP-Sim demo. We'd be pleased to show you how we can meet your needs, reduce the stress of new system installation and the expense (and time) of third party testing. We'd be happy to receive your call too on +61 (0) 421 088 162.