

# cl POS Management

## cashless 3.0

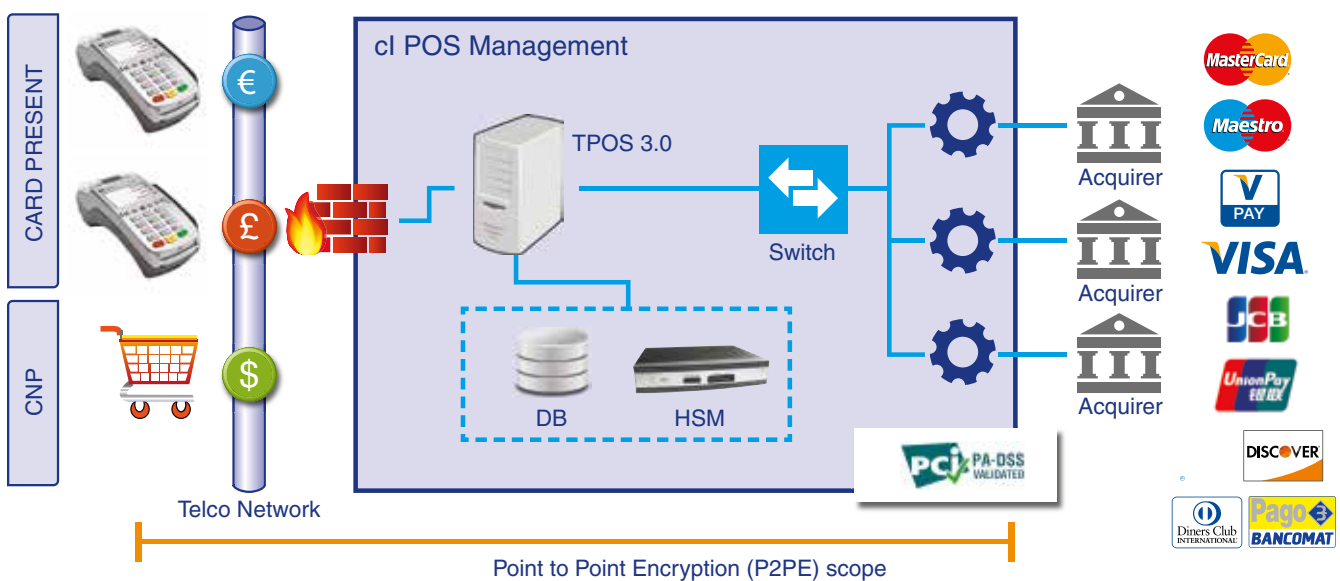
A unique multi-acquirer card present and CNP solution for cross border merchants.



Overcome terminal-to-acquirer standards fragmentation in payment acceptance markets. The cl POS Management solution, part of **cashless 3.0**, maximizes on recent regulations for cross border acquiring and point-to-point encryption (P2PE) certification.

Large merchants who have hundreds or even thousands of stores have thousands of point-of-sale (POS) systems and PIN entry devices (PEDs) requiring PCI compliance. Achieving and maintaining this is complex, time consuming and costly for PSPs.

Built for Payment Service Providers to offer convenient propositions to merchants, cl POS Management inserts P2PE during transactions to avoid security breaches, whether in-store or e-commerce initiated. The result: PSPs enjoy significant money savings.



# Functionalities

## Benefits and advantages:

- Acceptance of all card schemes plus charge cards (Amex, Diners, JCB)
- Magstripe / Contact / Contactless
- Transaction data
- PEDs Status message
- Unique ID transaction
- Tokenization
- Standard data extraction for reconciliation and reporting
- Payments
  - ◆ Authorisation and settlement
  - ◆ Refund
  - ◆ Reversal / Void
  - ◆ Referrals
  - ◆ Offline
  - ◆ Pre-Authorisation
  - ◆ Cash-Back
  - ◆ 3DSecure & CVN Processing
  - ◆ MOTO
  - ◆ DCC
  - ◆ Tax Free
  - ◆ Installment
  - ◆ Gratuity/TIP
  - ◆ Loyalty
- Multi - BANKING
- Multi - LANGUAGE
- Multi - CURRENCY
- Multi - COUNTRY
- Multi - ACQUIRER

cl POS Management functionalities also available as SaaS from the TAS Group Data Centers.

# Components

## cl POS Management consists of:

- Terminal management & monitoring console
  - ◆ Terminal configuration
  - ◆ EMV parameters
  - ◆ BIN tables
  - ◆ File download scheduling
- Transaction processing engine
  - ◆ Data capture
  - ◆ Transaction transfer
  - ◆ Real-time and batch
  - ◆ Clearing and Settlement
- 3D Secure Merchant Plug In
- MOTO transaction interface
- Key Management System
- Acquirer Switch
- Merchant console

## Technology Overview

- Full Compliance with Java EE 6.0/Java SE 1.5 or higher
- Compatible with the latest generation of application servers
  - ◆ RedHat JBoss Enterprise Application Server 6.4
  - ◆ IBM Websphere Application Server 8.5
  - ◆ Oracle Web Logic 12c
  - ◆ Apache Geronimo 1
- Compatible to the latest generation of RDBMS
  - ◆ DB2 LUW and z/OS 9.x/10.x
  - ◆ Oracle 11g/12c
  - ◆ Oracle MySQL 5.5/5.7
  - ◆ PostgreSQL 9.x/10.x
  - ◆ MySQL 5.1
- TPOS3.0 version 2.4 is supported on Oracle Linux 7 and Oracle Exadata

TAS Group provides services and technological applications for cards, payment systems and financial markets. We operate globally, delivering innovative solutions to empower our customers' business.

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