



IRIS POS & Merchant

Fully integrated acquiring solution for end-to-end requirements of merchant acquirers

Today, consumers expect a convenient, fast and secure payment experience; whether it's online or at a physical store. At the same time, banks are not only challenged with decreasing merchant discount rates, but also required to increase their acquiring base in an ever-increasing competitive environment. There is a strong need for a solution that streamlines payment processing capabilities of the banks and offers omnichannel payment options to customers in both, card-based, supporting contact and contactless scenarios, and cardless use cases through QR Code based push payments.

IRIS POS & Merchant is a fully integrated solution that is designed to meet end-to-end requirements of merchant acquirers, ranging from merchant onboarding and management to delivering insights. Whether you are a bank, an aggregator or a third party processor, our solution enables you to manage your acquiring business through its multi-channel capabilities and cost-effective technology footprint, which is high-performance, reliable and secure.

Features at a Glance

The solution offers the following salient features:

- Distribution network and geographic regions setup
- Merchant definition and lifecycle management
- Merchant discounts rates and service-based charges support
- Velocity parameters at merchant, terminal, and transaction level
- VISA, MasterCard and UnionPay acquiring services and dispute management
- PIN and signature-based authorizations
- Card-based and cardless EMV transactions
- QR code-based push-payments
- Manual entry and bulk transactions posting
- Merchant settlement and payout extraction

Business Advantages

IRIS POS & Merchant is a scalable, reliable and flexible solution, enabling you to deliver a seamless merchant acquiring service regardless of transaction volume or acquiring channels.

As a PA-DSS certified solution, IRIS POS & Merchant helps ensure compliance with international payment regulations and security standards.

IRIS POS & Merchant Management supports domestic as well as international payment schemes acquiring, including but not limited to Visa, MasterCard and UnionPay.

Capabilities:

Merchant Management

The Merchant Management module allows you to quickly set up merchant profiles using pre-defined products for various merchant parameters including but not limited to transaction types, distribution network, geographic regions, transaction limit and discount profiles, default merchant category codes and permitted business hours.

The solution supports the creation of different distribution networks, for example, chains of stores, multi-department stores as well as standalone merchant profiles. Merchants can also be organized based on their geographic location, and tags are also supported for ease of management.

Debit, credit and throughput limits are applied to the merchants and terminals. The merchant limits can also be shared within the hierarchy by sub-merchants or outlets. The restrictions are also enforced based on the volume and velocity of a transaction type. Voice authorizations can be subjected to additional limits and dual-



authentication. For blacklisted merchants, all transactions are declined, and their payments are withheld.

The fee can be applied as a discount rate with cost-plus pricing, using a variety of selectable parameters, or as a one-time or recurring service-

based setup, rental, or minimum-use charges.

POS Management



The POS terminal profile can be created using templates with predefined parameters. In addition to linking with merchants, terminals can also be assigned to distribution networks and region hierarchies. POS entry mode and terminal capabilities can also be configured in addition to hardware details. Both dial-up and GPRS POS terminals are supported through NAC, using ISO 8583 message format.

The POS Management module offers real-time transaction monitoring, batch management, and bulk transaction posting; where the transactions can be staged and validated against POS parameters before sending them for authorization.

In addition to PIN encryption, DUKpT and message level MAC support is also available.

Settlement & Dispute Management

In case of a distribution network, for example, a chain of stores, the merchant bank accounts can be shared within the hierarchy by the outlets.

The solution supports multiple payment cycles for the merchants including same day and next day payment options. The payable amount can be withheld against a single transaction or the net-position of the merchant for any abnormal sales,

a dispute or split payments. Merchant payout file can be exported based on configurable payment frequency and statements can be generated against individual merchants.

Fully integrated dispute management enables

acquirers to automatically withhold merchant payment against the incoming disputes from the schemes. The operators can finalize the dispute and manually post adjustments after detailed inspection. The adjustment and additional charges are also configurable.



IDEAS THAT **CONNECT**
INNOVATION THAT **DELIVERS**

TPS Advantage

TPS is a leading provider of cards and payment solutions trusted by over 130 customers spread across 30+ countries including Asia and Africa with increasing footprint across other regions. Our solutions focused on mobility and reliable services enable banks, telecoms, central banks, payment processors, national switches and other institutions in their mission critical digital banking, cards and payments services. TPS is a leading provider of cards and payment solutions trusted by over 130 customers spread across 30 countries in Asia Pacific, Middle East, Africa and Europe. Our mobility focused solutions and reliable services empower financial institutions, telecoms, central banks and payment processors in their mission critical digital banking and payment services.

We offer a blend of business consulting and technical expertise in cards management, ATM and POS terminal driving, merchant management, bill aggregation, payment gateway, remittance processing, internet and mobile banking, Omni-channel management and enterprise payment switching services.

For sales and partnership opportunities contact sales@tpsworldwide.com. For product and company details visit www.tpsworldwide.com.

