



AIRPORT ESTATE & REVENUE INTELLIGENCE SYSTEM

ADD-ON MODULE DOCUMENTATION

Online Payments

Architecture, feature inventory, data, integrations and controls — written for airport IT, finance systems and information security review.

DOCUMENT	Technical & feature documentation
MODULE	Online Payments
REQUIRES	Active AERIS platform licence
DELIVERY	Live within 3 weeks of approval and merchant account activation.
CLASSIFICATION	Commercial in confidence

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INTRODUCTION

Scope of this document

This is the technical and feature documentation for the AERIS Online Payments add-on module. It covers how the module runs on your AERIS tenancy, the complete feature inventory, the data it holds, the integration points, the controls that sit around it and what is required from the airport to deploy it.

Tenants pay by card with 3-D Secure through a hosted payment gateway, and the receipt, ledger entry and invoice status all update themselves. No card data ever touches the platform.

ARCHITECTURE

How the module is built

Aspect	Specification
Runs on	The core AERIS tenancy, with card capture handled entirely on the gateway's hosted payment page.
Card data	No cardholder data is entered into, stored by, or transmitted through AERIS at any point.
Merchant account	Funds settle directly into the airport's own merchant account. The vendor never takes custody of tenant funds.
Gateway	Hosted payment page integration; the tenant is redirected to the gateway and returned with a signed result.
Result handling	Payment results are confirmed server-to-server, so a closed browser tab never loses a payment.
Receipting	A branded receipt is issued automatically on an approved transaction and attached to the tenant record.
Reconciliation	Each transaction carries the gateway reference, so the ledger reconciles line for line against the settlement file.

CAPABILITIES

Feature inventory

Tenant experience

- Pay now button on every invoice and statement
- Card payments with 3-D Secure on a hosted payment page
- Instant receipt by email and in the tenant portal
- Part payments where your policy allows them

Finance experience

- Payments post straight to the ledger against the right invoice
- Real-time status in the staff payments register
- Settlement and gateway reconciliation reporting
- Failed and abandoned payments flagged for follow-up

Controls

- Payment methods switched on or off centrally
- No card data stored — hosted gateway only
- Full audit trail on every transaction attempt
- Funds settle directly to your airport's merchant account

DAY TO DAY

Operating cycle

- 01. Your merchant account is provisioned with the acquiring bank
- 02. We connect the gateway credentials and run test transactions
- 03. The Pay now button is switched on across invoices and the portal
- 04. A tenant pays; the gateway confirms and the ledger posts automatically
- 05. Settlement reports reconcile the day's takings

DATA MODEL

Data held by the module

- Transaction reference, amount, currency, status, timestamp and the invoice it settles.
- Card brand and last four digits only, where returned by the gateway, for reconciliation purposes.
- Failed and abandoned attempts logged so finance can see why a tenant did not complete.
- Bank transfer and cash receipts recorded manually by finance, in the same ledger and ageing.

INTEROPERABILITY

Integration points

- Payment gateway hosted page with server-to-server result verification.
- Invoicing & Billing module for automatic allocation against the open invoice.
- Email receipting through your authenticated sending domain.
- Settlement and receipt exports in CSV or XLSX for your accounting system.

GOVERNANCE

Controls and audit

- Only authorised finance roles can record an offline payment, refund or allocation change.
- Every allocation, reversal and refund is written to the audit trail with the acting user.
- Tenants can pay only their own open invoices, enforced at the database.
- Amounts are taken from the issued invoice — a tenant cannot alter what is charged.

DELIVERY

Deployment requirements

Requirement	Detail
Prerequisite	Active AERIS platform licence; Invoicing & Billing recommended for automatic allocation.
Airport inputs	Merchant account and gateway credentials, receipt template, refund policy, accepted card brands.
Configuration	Gateway connected and tested end to end with live low-value transactions before enabling for tenants.
Training	Finance walkthrough covering reconciliation, refunds and offline receipts.

Typical timeline: Live within 3 weeks of approval and merchant account activation.

DELIVERABLES

What the vendor hands over

- Hosted payment page integrated end to end
- Receipting and automatic ledger reconciliation
- Test transactions signed off with your finance team
- Gateway settlement reporting and staff training

FAQ

Questions we are usually asked

Whose merchant account is used?

Your own. Funds settle directly to the airport; Trident never holds tenant money.

Are card details stored?

Never. The tenant enters card details on the gateway's hosted page and the platform only ever sees the result.

What about tenants who do not pay by card?

Bank transfer and cash remain available and are recorded exactly the same way.

This document is written for airport IT, information security, finance systems and procurement reviewers. Commercial terms are issued separately on a formal quotation and are visible to verified airport accounts in the AERIS client portal.

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