

Airline Passenger (PSS & DCS)

Booking & search

Flight search, fare classes, seat selection and PNR creation from one screen.

Online check-in

Web check-in with seat maps, boarding passes and cabin configuration rules.

Check-in desk (DCS)

Airport check-in, baggage tagging, weight capture and boarding control.

Manage booking

Itinerary changes, ancillaries, special-service requests and reissue.

Ticketing & fares

E-ticketing, fare rules, quotes, invoices and refund processing.

Disruption handling

Rebooking and passenger notifications during schedule changes.

Cargo & Freight Forwarding

Shipment intake

Capture shipper, consignee, commodities, dims and dangerous-goods flags.

Rates & quotes

Rate cards, spot quotes and chargeable-weight calculation.

Public tracking

Customer-facing milestone tracking from acceptance to delivery.

AWB & manifests

Air waybill issuance, house/master AWBs and flight manifest build-out.

Warehouse handling

Inbound/outbound handling with barcode and QR scanning.

Audit & KPIs

Full cargo audit trail plus utilization and revenue KPI dashboards.

Flight Operations

Scheduling & dispatch

Flight scheduling, dispatch release and airport network management.

Release sign-off

Dispatcher review, sign-off workflow and operational alerts.

Load & trim sheets

Weight & balance, center-of-gravity limits and fuel planning.

Ops analytics

On-time performance, delays and dispatch analytics dashboards.

Fleet & Maintenance

Aircraft register

Fleet register with aircraft types, configurations and operating limits.

Document expiry

Tracking of expiring certificates and aircraft documents with alerts.

Maintenance logs

Scheduled and unscheduled maintenance records (MRO) per airframe.

Fleet KPIs

Utilization, availability and reliability metrics across the fleet.

Crew Management

Rosters & scheduling

Crew rostering, pairing and duty assignment per flight.

Duty & rest

Flight-time limitation and duty/rest compliance monitoring.

Qualifications

Licences, type ratings and currency tracking with expiry alerts.

Training records

Training-school records, checks and recurrent qualification history.

Finance & Compliance

Automated journals

Revenue postings from tickets, cargo and ancillaries into journals.

Invoices & refunds

Passenger and cargo invoicing with controlled refund workflows.

Finance dashboard

Revenue, refunds, invoices and receivables in one finance view.

Regulatory templates

Compliance reporting templates and Super Admin ops controls.

Ready to see it in action?

Every module above runs on a single tenant-aware platform with role-based access, audit logging and your own branded subdomain. Visit vrinventa.cloud to start free.