

AOIC [■]

AVIATION OPERATIONAL INFRASTRUCTURE CONSORTIUM

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Aviation runs on 21st-century aircraft. It still runs on 20th-century coordination.

Today, no neutral system records who received what operational information, when they received it, whether they acted — or proves it to insurers and regulators. Disruptions cascade. Litigation grows. Evidence disappears. The cost to the global industry exceeds USD 30 billion annually.

AOIC is the first neutral operational infrastructure designed to close this structural gap — permanently, globally, and without touching any airline's internal systems.

What AOIC Does

AOIC is an international non-profit foundation that develops and operates a neutral layer of operational traceability, real-time inter-airline coordination, and automatic auditing — across the entire aviation chain.

Operational Traceability

- Verifiable record of who received what
- Timestamp-locked read & action confirmation
- Immutable audit trail exportable for litigation
- Automatic evidence for insurers & regulators

Real-Time Inter-Airline Coordination

- Feeder delays, gate & slot changes synced
- Neutral OCC-to-OCC structured messaging
- NOTAM normalisation & de-duplication
- Disruption cascade prevention

Why Now

The conditions that make AOIC inevitable have converged simultaneously:

- Insurers demand verifiable operational evidence — and will reward it with lower premiums
 - Regulators are raising traceability standards (ICAO Annex 19, SMS)
 - Airlines are losing millions daily to uncoordinated disruptions
 - AI and modern APIs make neutral shared infrastructure genuinely buildable — today
 - No incumbent (IATA, SITA, any airline) has the neutrality to build it alone
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Governance: Neutral by Design

AOIC is a Swiss foundation — the only jurisdiction that guarantees political neutrality, legal stability, and global institutional trust. No airline, alliance, vendor, or government can capture it. Governance runs on a distributed voting model:

Membership Tier	Investment	Voting Weight	Key Benefits
Tier A — Founding Airlines	USD 100–300k + USD 50k/yr	40%	Full access + roadmap control
Tier B — Insurers & Airports	USD 50–150k + USD 30k/yr	20%	Audit access + risk data
Tier C — Regulators	No cost	0% (voice only)	Reports & transparency
Tier D — Technical Partners	USD 10k/yr	0%	Standards access

Voting weight is encoded in smart contracts and immutable rules. Regulators and observers hold no vote. IATA may participate as a non-voting institutional observer only. The Neutral Technical Operator retains 20% of governance weight to ensure execution independence.

Who Benefits

Airlines (Tier A & B)

- USD 1–6M/yr in reduced disruption costs
- Litigation reduced 30–60%
- Verifiable compliance for audits
- Proactive, not reactive, OCC decisions

Insurers & Airports (Tier B)

- Evidence-grade data for underwriting
- Reduced claims frequency & severity
- Hub congestion down 5–12%
- Premium incentives for member airlines

Integration: Zero Friction

AOIC does not replace any existing system. It adds a neutral coordination layer on top. Full integration requires only four event types (gate change, schedule change, cancellation, reschedule) via a standard REST API — with no access to internal systems and no migration required. Typical onboarding: 4–6 weeks.

Founding members define the global standard.

AOIC is inviting a limited group of Tier A and Tier B founding members to co-create the infrastructure that will govern operational coordination in aviation for the next 30 years. Founding members shape the roadmap, lock in preferential pricing, and earn permanent seats on the Founding Council. Those who join later adapt to the standard others defined.

This is not a product. This is critical infrastructure. The question is not whether you will adopt AOIC — it is whether you will shape it.

Contact:

partners@aviationconsortium.org | governance@aviationconsortium.org | <https://aviationconsortium.org>