

Title Slide

- AirQMS Logo
- Digitalizing Compliance: How a Purpose-Built eQMS Transforms Quality Management in Pharmaceutical Air Cargo
- IATA Cargo Expert Conference – Brussels, September 2025
- Presented by: Navot Hirschhorn

The Challenge

- Pharma air cargo is highly regulated, yet often managed with fragmented tools
- Limited visibility across stakeholders and sites
- QA and RP teams overwhelmed by documentation and manual tracking
- Compliance becomes reactive instead of risk-based and strategic

The Need for a Purpose-Built Approach

- General QMS tools don't fit the complexity of pharma air logistics
- One-size-fits-all platforms lack operational relevance
- What's needed: a solution built for GDP, CEIV, and real-world logistics

Introducing AirQMS

- An eQMS built from the ground up for pharma air cargo
- Fully aligned with GDP, CEIV Pharma, WHO, and ISO 9001
- Modular, multilingual, and scalable
- Designed by QA professionals for operational teams

Our Guiding Principles

- Process-driven, not document-driven
- Risk-based logic across all modules
- Support for proactive compliance and continuous improvement
- Empower QA and RP teams with actionable insights

Core Capabilities Overview

- Proactive Deviation & CAPA Management
- Risk Management
- Change Control & Integrated PDCA
- Temperature Mapping & Qualification
- Audit & Smart Checklists
- AI Tools: RCA, SIPOC, Risk Assessment
- Training & Competence Management

Proactive Deviation Management

- Real-time deviation capture and classification
- Integrated Root Cause Analysis with AI support
- CAPA plans tracked to closure with effectiveness checks
- Part of a continuous PDCA improvement loop

Risk-Based Oversight

- Lane Risk Assessments and Route Qualification
- Risk scores tied to corrective actions
- FMEA embedded in workflows
- Integrated with change control and SOP revision

Smart Checklists & Audit Tools

- Dynamic checklists triggered by shipment context
- GxP-aligned audit modules with role-based access
- Real-time compliance tracking across functions and regions

Infrastructure & Temperature Control

- Facility and equipment registry
- Preventive maintenance, pest control, calibration tracking
- Auto-generated temperature mapping protocols
- 3D layout for logger placement and pass/fail reports

AI-Enabled Quality Intelligence

- Built-in AI agents for:
 - - Risk Assessment
 - - SIPOC Mapping
 - - RCA Drafting
- QA teams can focus on analysis—not manual data crunching

Impact for QA & RP Teams

- Less time on admin, more on quality decisions
- Structured, intuitive workflows
- Real-time visibility into compliance status
- Scalable from station-level to global quality teams

Benefits for Management

- Centralized dashboards with real-time KPIs
- Consistent implementation across all sites
- Early warning signals for risk exposure
- Stronger quality culture through transparency

Supporting Every Organization

- SMEs: ready-to-use templates and guided CEIV onboarding
- Enterprises: global standardization and benchmarking
- Modular setup supports local adaptation within a unified structure
- Built-in tools ensure program sustainability

Our Vision

- Digital tools should empower—not burden—QA professionals
- Move from documentation to insights
- From compliance tracking to continuous improvement
- Let's redefine quality in pharma logistics

Thank You

- Let's connect and shape the future of digital quality
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- Q&A