

## taking safety to a higher plane

AQD supports the key elements of an integrated Safety Management System (SMS)

- Incident/Event reporting
- Safety and Investigations
- Quality Assurance Audits
- Hazard/Risk Assessment
- Regulatory Compliance
- Causal Factor Analysis
- Centralised Action Tracking
- Performance Measurement
- Analysis & Reporting
- Information Sharing - IATA STEADES, ECCAIRS etc.

### Features of AQD

- Customisable input forms
- Extensive configuration
- Multiple languages
- Multimedia attachments
- Automatic email alerts
- Online help and user guide
- Multi-layered security model
- Comprehensive (full) logging
- Powerful search and inquiry tools
- Browser-based interface
- Oracle or SQL Server Databases
- Import & Export data exchange
- Offline capture
- Remote workbench

**Improve safety**  
**Manage risk**  
**Reduce cost**

- ICAO SMS best practice
- Enterprise risk management
- Holistic view of information
- Quickly expose 'hot spots'
- Automated processes
- Flight Data integration
- Established market leader
- Extensive industry experience
- Pedigree in aviation

### Benefits of AQD

- Operational efficiencies & effective information distribution
- Optimal fit with business processes
- Broader coverage and consistency across the organisation
- Lower cost of ownership – reduced training & maintenance costs
- Evidence-based compliance
- Reinforces the adoption of industry best practices
- Continuous investment in product innovation
- Flexibility & robustness
- Embraces a safety culture

## Integrated Safety and Risk Management Software



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For further information  
Email: [info@superstructuregroup.com](mailto:info@superstructuregroup.com)  
Website: [www.superstructuregroup.com](http://www.superstructuregroup.com)

**Head Office**  
Superstructure Group Limited  
Ash House, Fairfield Avenue  
Staines, Middlesex TW18 4AB  
United Kingdom  
Ph +44 1784 224 205  
Fax +44 1784 224 245

**Regional Office**  
Superstructure Group A. P. Limited  
Level 1, 19 Tory Street  
P O Box 19127, Courtenay Place  
Wellington, New Zealand  
Ph +64 4 385 0001  
Fax +64 4 381 3934

# HOW AQD WORKS

AQD employs safety, quality and risk management principles to facilitate a cycle of continuous improvement, using a variety of flexible and easy-to-use tools to support each phase of the process.

## 1 | Collect

Capture incident/event reports across all areas of the business for flight, maintenance, cabin and ground safety, security, environment, occupational safety and beyond via a browser-based interface using customisable forms.

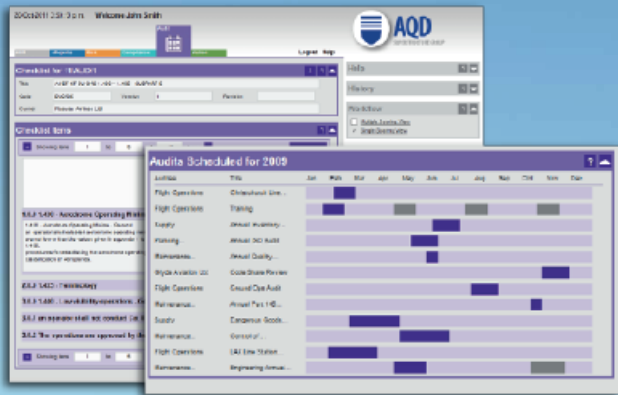


## 4 | Monitor

The effectiveness of the actions and resulting improvements are determined through the on-going monitoring processes of audit/evaluation and trend analysis using a variety of flexible and easy-to-use tools. Proactive risk reviews and assessments, risk registers and automatic alerts facilitate a cycle of continuous improvement and reduced risk across the organisation.

## Audit & Compliance

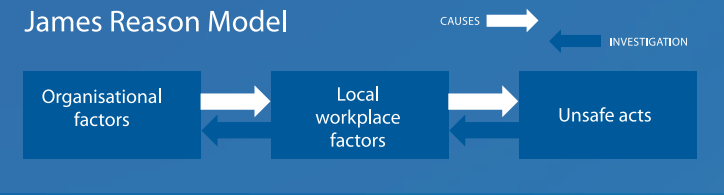
Manages quality assurance, internal evaluation, safety, audit and compliance programs, both internal and external, with scheduling tools and checklists.



## 2 | Assess

Proven tools for assessing risk and the management of the investigation and audit processes, recording of objective data and findings. Includes implementation of risk and causation models to facilitate identification of the root/primary cause.

## James Reason Model



Uses causal factors based on the James Reason model to identify why the defences have been breached. This facility is fully customisable to accommodate other causation models.



## 3 | Fix

Corrective and preventive actions solve the problems identified by risk assessments, audits and investigations to mitigate risk. Their implementation can then be precisely managed and tracked to ensure the benefits are realised.



## Analysis

Easy to use, powerful analysis tools to analyse Events, Hazards, Findings, Root Causes, Actions and Risks.

