



FOX FOR AIRLINES

Optimized Training Operations

Fox is designed to support the challenging requirements of the aviation industry. Fox manages learning, scheduling, qualifications and compliance for pilots, cabin crews and maintenance staff in a centralized platform. Optimize your training operations, and gain actionable insights into your training programs with Fox!

TRAINING DEVELOPMENT & PERSONALIZED LEARNING EXPERIENCES



- Supports AQP, ATQP, EBT and traditional programs
- Maintains job task lists with TPO, SPO and EO performance grading scales and additional properties such as criticality, currency and evaluation strategy
- Utilizes performance-based training to personalize training programs
- Enables effective remote learning; provide trainees with access to courseware and performance results in personalized portals
- Builds reusable, version-managed training programs and curriculum templates
- Designs, validates, implements and evaluates training procedures required for qualification, based on predefined criteria



RESOURCE MANAGEMENT

- Manage instructor and physical resources more efficiently to increase training capacity and cut costs
- Manage resource availability, maintenance, loans and balance workload
- Setup scheduled and ad-hoc maintenance
- Enable distributed resource management based on airline structure, location or other needs
- Manage resource plan and actual 'cost and consumption' budget using Fox's economic model



SCHEDULING & PLANNING OPTIMIZATION

- Simplify and automate complex scheduling tasks with Fox's proprietary algorithms
- Schedule training periods based on predefined curricula, resource availability, scheduling rules, instructor qualifications and availability
- Define different sets of business rules, policies and preferences to ensure automated schedules are valid, and indicate any manual rule violations
- Ensure maximum pilot availability for peak seasons
- Create alternative schedules and run 'what-if' scenarios to compare between plans based on optimization objectives (minimum cost, maximum throughput, specific type of training priority, training continuity and resource coverage)



QUALIFICATION MANAGEMENT

- Standardize qualification training across the entire airline and ensure personnel acquire and maintain the skills and certifications to perform their duties
- Define performance and experience criteria for qualification and renewal processes – including non-training criteria such as medical checkups and security clearance
- Determine the approval process after qualification criteria are met
- Issue certifications directly from Fox
- Ensure readiness by monitoring current and forecasted qualified personnel numbers
- Monitor employee qualifications to ensure currency and automatically send notifications regarding expiration and renewal
- Integrate with resource management to ensure only qualified personnel are assigned to activities



GRADING & EVALUATION

- Define and customize evaluation forms, grading scales and data entry validation to ensure accurate performance data collection
- Auto-generate evaluation forms based on training objectives and performance standards
- Manage competencies and evaluate by scenarios
- Enable online and offline grading and evaluation with Fox's mobile app
- Track trainee progress through predefined task objective checklists
- Make adaptive training recommendations based on trainee progress
- Employ a structured evaluation model that supports all training development methodologies including ADDIE, AQP, ATQP, EBT...
- Incorporate xAPI and performance reports with evaluator entries for unified performance records and evaluation



LEARNING MANAGEMENT

- Launch and run different types of content and courseware; track trainee progress and achievements (SCORM 2004 and xAPI compliant)
- Easily create and maintain personalized training portals
- Upload your current training materials, or create in-house training entities for your personnel
- Enable efficient reuse of materials, courseware and performance progress and tests with centralized learning materials
- Ensure personnel compliance with eLearning modules; assignments are automatically assigned based on personnel type, organization or current qualification status
- Automate test completion and grading using Fox's testing mechanisms
- Collect feedback from trainees and instructors once a training event is completed





INNOVATION

- Leverage AI-powered personalized learning experiences and performance-based training
- Interop with VR and other training devices to provide an integrated personnel file
- Fox's proprietary algorithms optimize scheduling and resource requirements for thousands of courses and events



RECORDKEEPING

- Store and manage all data for trainees and instructors in personal records
- Export data in AQP/ATQP format and print in defined templates
- Keep records for any required time period as defined by the airline or regulatory authorities



REPORTS & ANALYTICS

- Track and analyze all aspects of the training operations to enable real-time training improvements
- Transform data into meaningful Business Intelligence to mitigate problems, and maximize decisions and performance
- Evaluate operational training activities, performance and assessment results for individuals, teams and units
- Identify training weaknesses by revealing overall training health with student and instructor performance trends and results; asset utilization and capacity, schedules, compliance, and qualification status
- Generate built-in and customized reports, graphs and dashboards to comply with regulatory and corporate reporting requirements and audits



Qualtero, formerly Britannica Knowledge Systems

Qualtero provides a comprehensive integrated training and readiness management solution for civil aviation, defense, security forces and corporate training management. The flagship product, Fox, is an innovative web-based training management system that optimizes the training, scheduling and operational readiness of complex global training organizations. Fox oversees the use of costly resources, simplifies complex scheduling tasks, and manages the complete lifecycle of qualification training.

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