

Product brief: CADAS-WFM

Efficient workflow management for AIM

Smooth workflow management is required to make Aeronautical Information Management (AIM) flexible, to ensure a high level of data quality and to keep processing times short. CADAS-WFM delivers on these objectives by consolidating aeronautical information and ensuring full traceability, while boosting the quality of both data and processes. Under international regulations AIM stakeholders are required to establish an end-to-end electronic audit trail and to achieve a high degree of automation. CADAS-WFM, the solution for business process workflow management, addresses these requirements through its easy integration with other systems and its orchestration of those other systems within day-to-day AIM processes.

Flexible process management and integration tool

CADAS-WFM features a workflow engine allowing organisations to design and configure individual business processes, acting roles and permissions.

Users can enforce their own business processes and monitor interactions between the various stakeholders along the workflow. Configurable input forms allow for the tracing of decisions and the collection of process-relevant metadata.

CADAS-WFM can manage manual user tasks as well as automated system steps and integration calls. Automated options support the creation of a more data-driven process chain with minimal human interaction.

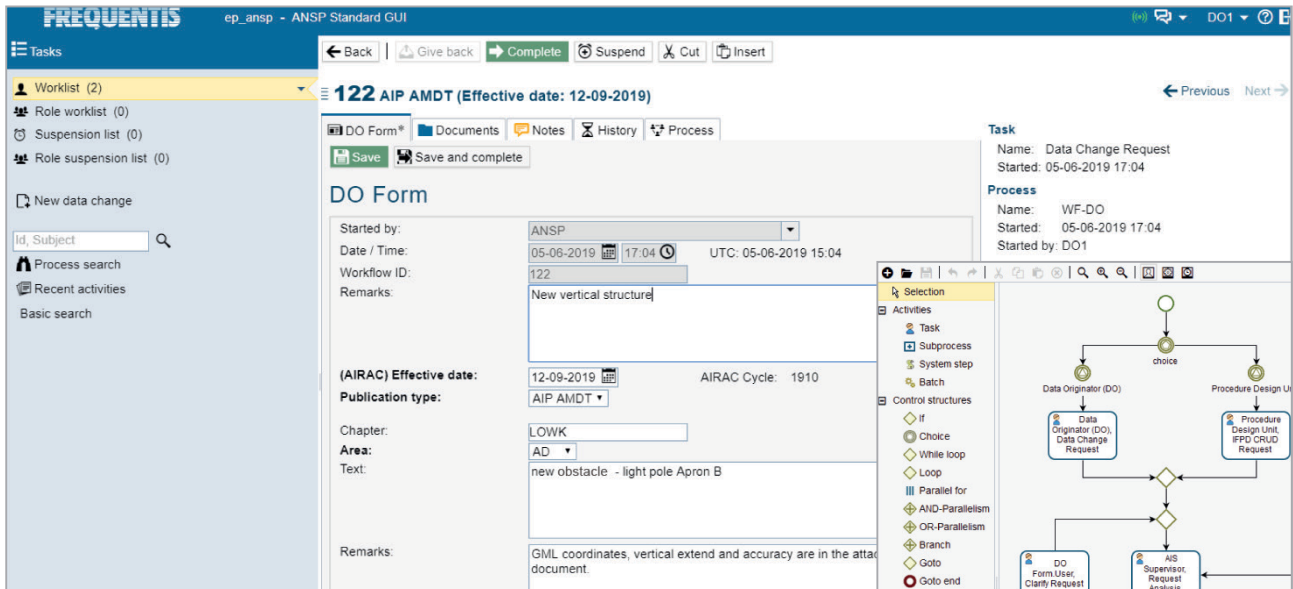
Key features

- Extensive audit trail for monitoring data and user interactions along the digital data chain
- AIS data management process orchestration tool between data originators and AIS units
- Quality management tool as suggested by ICAO PANS-AIM
- Decision and task management support on supervisor level
- Support for high-level automation and integration along the digital data chain of organisations
- Exhaustive reporting capabilities
- Document management system



CADAS-WFM at a glance

- API as orchestration layer for tasks along the digital data chain
- Built-in report designer for workflow tasks and metadata
- Seamless quality monitoring and management reporting
- Full audit trail for complete data traceability and transparency in accordance with ADQ requirements
- Flexible configuration to enable mirroring of individual customer processes
- Capable of orchestrating the whole CADAS suite



Benefits

Configurable workflow engine

The software can be set up to mirror manual and automated tasks in each customer's individual business process chain.

Permission management

CADAS-WFM supports granular permission management to control access rights at the levels of task, role and organisation.

Configurable input and task forms

Users can define individual task actions and collection of supporting data.

Powerful API

CADAS-WFM provides functions, interfaces and APIs to ease integration with other systems, data exchange and process control.

Reporting

Integrated creation of reports on workflow-related queries. These reports can be saved as templates and may be triggered automatically according to user preference.

Document management system

Documents can be stored, hierarchically organized, versioned, accompanied by meta-data, private/public notes and protected by access rights.

Facts and figures

Industry standards	<p>Process definition language: BPMN, WDL</p> <p>Document management: files can be digitally signed by standard X.509 signatures</p> <p>Document management system can be used with any file type</p> <p>CADAS-WFM can supply any file type to an API (e.g. AIXM 5.1, CSV, DVOF, CAD, etc.)</p>
Compatibility	<p>Windows, Linux, Mac</p> <p>DB: Oracle, MS-SQL, Derby, Postgres, Firebird</p> <p>Browser: Microsoft Edge, Firefox, Chrome, Safari</p>

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