

A Documentation Portal adapted to a new industrial organization

The work method will in all cases be common to all parties, thanks to VPM, a source data management tool that sets the framework for the procedures governing the creation, the management and the configuration follow up of the documentation.

Once integrated into the IDB, the information can be published as hard copy, on the Web or on a CD-ROM.

A PRECISE SCHEDULE CENTERED ON THE AIRCRAFT'S CERTIFICATION

- 2004 – IDB implementation starts
- Nov. 2004 – Publication of preliminary documentation (first volume)
- Mai 2006 – Provisional documentation (normally produced at the time of aircraft certification)
- – Initial Issuance of the documentation (delivery of aircraft to first customer)

CONCLUSION

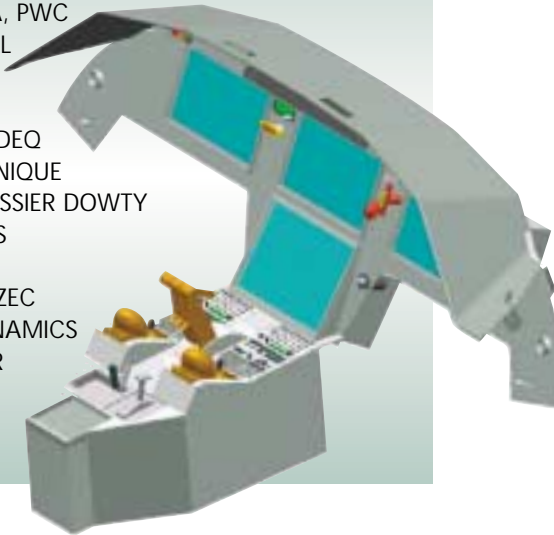
With this ambitious project and in particular through the complete prime contracting delegated to it for the documentation and the creation of interfaces between the partners, Sogitec sees the perimeter of its documentation system become an integral part of the process.

This role of integrator for partner data strengthens Sogitec as a system builder for documentation engineering.



F7X PARTNERS

- EADS SOCATA, LATECOERE
- SONACA, STORK FOKKER
- EADS CASA, PWC
- HONEYWELL
- TRW, ELTA
- ECE
- DASSAULT DEQ
- INTERTECHNIQUE
- PARKER MESSIER DOWTY
- ABSC, ACSS
- GOODRICH
- SGS, LE BOZEC
- FLIGHT DYNAMICS
- L'HOTELLIER
- MPC
- SOGITEC



FALCON F7X



Commissioned by Dassault Aviation, Sogitec is setting up an interactive documentary portal for the partners contributing to the future aircraft. A new dimension for establishing consistent maintenance documentation via the continuous flow of information.



Dassault Aviation

A long-range three-engine aircraft equipped with fly-by-wire flight controls and sophisticated avionics, the Falcon F7X (up to fifteen passengers) will most likely be the next "must" in corporate jets. Aside from its advanced technical characteristics, Dassault Aviation's future business jet will be the manufacturer's first aircraft entirely designed using a digital mockup, managed by VPM (Virtual Project Management) and produced with CATIA (CAD software).



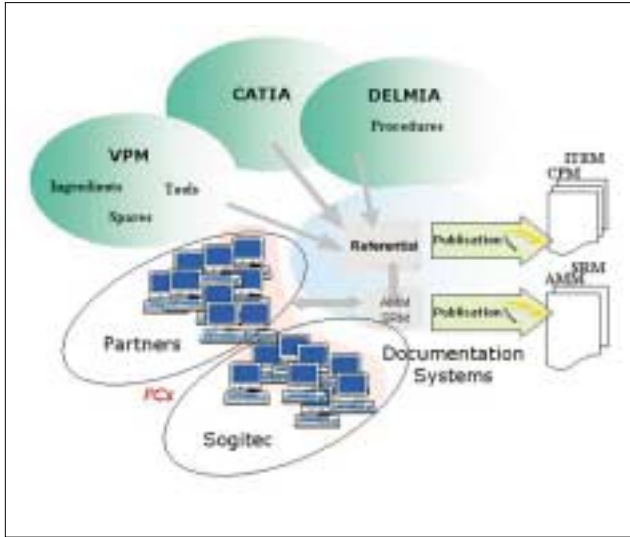
Dassault Aviation



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THE DOCUMENTATION PORTAL SPREADS ITS WINGS



It is in this context that Dassault gave Sogitec the task of designing, producing and implementing the industrial database (IDB), a Documentation Portal adapted to the new aircraft program.

Sogitec was also tasked to perform the integration of documentation units (DU) produced by the partners, and of publishing the documentation released to the operators.

Sogitec thus stands as the specifier and as the integrator of the documentation produced by the partners (text and illustrations) into a "virtual documentation plateau", i.e. the IDB, to which these partners are connected for producing their documentation.

This role of integrator started far up the line by the writing of general and detailed specifications concerning production of the documentation and by defining the qualitative management for the documenting process (Design Justification Plans and Files).

AN INTERACTIVE DATABASE

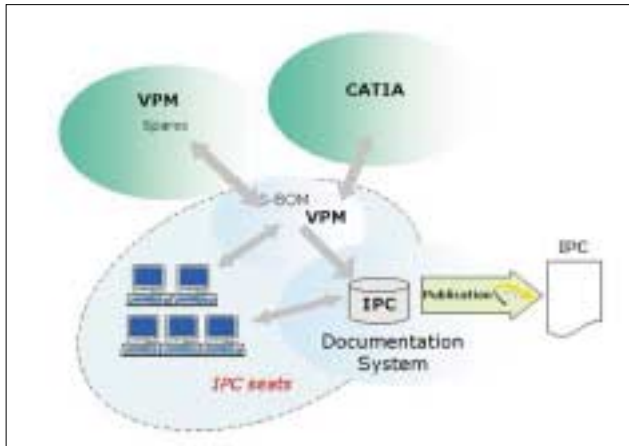
The industrial organization as defined from the beginning with the program's partners is also applied to the aircraft's support documentation, and it involves the application of a new process for the integration of support data (MSG3, ASL, Documentation).

Moreover, for the 7X program, Sogitec has developed and provided its partners with a specific software application for producing, managing and integrating MSG3 data.

The objective is to share the use of common and interactive software tools among the partners, for both Engineering and Support.

Sogitec was given the task by some of the partners of performing their maintainability and maintenance analyses per the MSG3 standard.

TECHNICAL DOCUMENTATION SERVED ON A VIRTUAL PLATEAU



Scenario 1: the partner acquires the IDB F7X documentary access stations required for productions of its DU,



Scenario 2: the partner acquires only one IDB F7X documentary access station to integrate its DU,



Scenario 3: the partner integrates its DU on IDB F7X documentary access stations provided by Sogitec,



Owing to these permanent interactive exchanges with the industrial partners involved in the F7X program, Sogitec will avoid the successive compilations of their production and will truly drive the entire process, while providing the required traceability of their data.

This continuous, fully secure interactivity will allow the posting of the produced documentation on the Web while maintaining the database at the most recent level of revision at all times.

This means that the documentation will effectively match the completed aircraft as delivered to the customer.

The IPCs (Illustrated Parts Catalog) will be directly generated from the support data (Spares) integrated into VPM (SBOM) by Dassault Aviation and F7X partners.

As a general rule, and this is one of its new features, the documentation engineering process will allow updates to be made from the continuous flow of support data input.

The documentation will reuse a maximum of product life cycle management system data (PLM/Product Lifecycle Management). In this way the time required for circulation of a design office modification in all the impacted documents will be optimized.

INDUSTRIAL ORGANISATION FOUNDED ON COHESION

As Dassault Aviation's delegated prime contractor for the integration of documentary data, and within the framework of Work Package # 44, Sogitec will propose three scenarios to the partners allowing them to master the documentary part of their production.