

MECHANICAL & ELECTRICAL

Aviation

ALTEN ADDED VALUE

Performance, quality, and productivity
Reactivity and flexibility
Strong knowledge of client's products and design methodologies

KEY DATA

Team Size: 8 Engineers
Time: 5 Years
Work Package

KEY TOOLS & TECHNOLOGIES

Tools: CATIA V5
Development: C++, VBA
Client's Standards

ALTEN TECHNOLOGY

BUSINESS JET COMPLETION

OVERVIEW

Our client was responsible for defining, developing, and justifying the commercial layouts of a business jet range.

ALTEN worked with our client in the design and development phases in the context of new aircraft or refurbishing.

PROJECT DETAILS

Mechanical and Electrical Design

- Analysis and study of client STBs
- Furniture definition and design
- Definition of wiring, including harness change notification and wiring request change production (WRCP)
- Layout definition of fluid and electrical systems
- Avionics equipment installation definition
- Realization of justification files
- Design issue treatment

Procedures and Tools

- Application and optimization of client's design methodologies
- Optimization of furniture standards management tools

Management

- Dedicated ALTEN service center
- Management of schedules and resource-specific training

