

Why monitor the development of a viewfinder land?

Objective

The performance of a viewfinder on Earth depends on its level of stabilization. But this is not everything!

The electronic box attached to it manages exchanges with its external environment and the data between different devices.

For this, the sight of land consisting optronics, electronics and software must be developed in accordance with international standards as well as the repository of the company adapted to the constraints of the defense sector.

Our Approach

Assist the project manager from the tender to delivery of finished product in respect of the implementation of development processes

Optimizing the tasks of quality control by capitalizing the reports and documents in order to reduce the timely development, technical meetings and reviews

Being the interface between the various partners in client meetings and during development



Viseur panoramique stabilisé

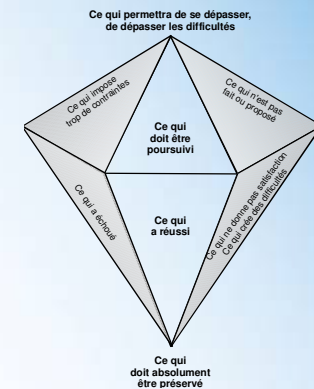
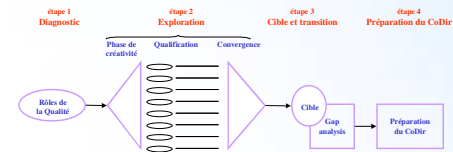
How "Quality" put in place will maximize value in a context of changing strategic sector and results in evolution of markets?

Objective

Certified on the basis of a relatively traditional part of the variation of process covering the entire enterprise and its management, the company feels that lack of proper quality procedures creates tensions within projects, despite the special care in the selection of quality men.

Our Approach

-Organizational design, implementation of quality processes and project management in complex projects of military and civilian
Analysis, synthesis, long-term vision and innovation in organizational solutions to implement
The ability of our consultants to understand the context in its entirety to combine the different objectives of parties involved and provide advice



Results

-Quality Value Added boosted and helped in clarifying the objectives and conditions for transition to a level of maturity and appropriation of sufficient quality.

Quality Assurance of air-ground weapons and infrared seeker system

Objective

Background: The unit had to develop and internal kit guiding a weapon system air-ground modular and develops in a co-prime contractor between two manufacturers of Defense seeker infrared to a surface to air missile.

Our objectives:

Guidance kit. Crossing successfully milestones (models, magazines end phase, Aptitude journals shots), impacting the program's benchmarks of fire tests of manufacturers.

IR seeker: Establish the quality organization in preliminary design phase, conduct design reviews and preliminary definition, taking out the contract documents for client review.

Our Approach

- Participation in the preparation of program plans (management, development, quality, configuration management, ...)
- Preparation and participation in reviews of late phases of the customer's quality system (launch, preliminary design, detailed design, validation, qualification and assessment of project)
- Validation of project documents (drawings, specifications, design documents, procedures and reporting trials) and contract documents
- Quality monitoring the progress of various internal working groups (sites or projects)
- Quality monitoring of suppliers of subsystems (tender, magazine launch acceptance ,...).



Results

- Guidance kit: On-time delivery of material models, prototypes and pre-series "
- IR seeker: Establishment of a risk management program. Timely delivery of plans and documents in the file definition and file proof of the definition.

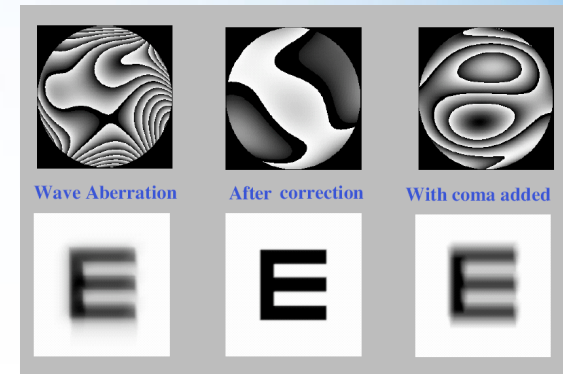
Establishment of a optical center

Objective

From the knowledge about the defects of a lens, improving the quality of photos taken with a mobile phone, the objective was to train the team of choice and qualification of camera phones to the fundamentals of optic

Our Approach

- Design, supply and installation of a bench measurement wavefront (knowledge of the defects of a lens)
- Writing algorithms of image correction
- Validation of real photos
- Provide training sessions



Results

-Resolution of images (FTM) improved by 50%