

CUSTOMER STORY

Vignal Group

Vignal Group optimizes its Quality Management System to ensure compliance with IATF software standards with Tuleap



3x

PRODUCTIVITY

With a better organization of the teams during the projects.

2x

EFFICIENCY IN PROJECT MANAGEMENT

Through improved productivity, collaboration and team coordination.

100%

TRACEABILITY

To ensure compliance with software standards.

Summary

THE ORGANIZATION

Vignal Group is a global player specialized in innovative lighting as well as safety products and systems for major manufacturers of commercial and off-roads vehicles. Operating over 3 continents (America, Asia and Europe) with more than 600 employees. Vignal Group currently has 6 production sites and develops more than 20 product lines.

GUILLAUME DUPUIS

Guillaume Dupuis is an expert and member of the electric development team.



THE AUTOMOTIVE INDUSTRY CHALLENGE

Lately, the automotive industry has kept on evolving due to the impact of new technologies for electronic equipments' design and manufacturing. Nowadays, **software has become increasingly important** and is now catalyzing a growing share of the products' value. As a consequence, this «software revolution» has also brought in new **compliance regulations** - such as the **IATF 16949, ISO 9001 and ISO 14001** ones - encompassing more and more software standards-related topics to ensure the quality of developments. This means implementing a project management method that has both to be compatible with the business specificities and to harmonize processes, tools and teams in order to ensure an end-to-end traceability.

In short, this few lines sum up the challenge Vignal Group was faced with: succeeding in **implementing traceability throughout the whole software development process**. Here's the two main reasons for this: on the one hand, ensuring an end-to-end traceability and on the other hand, keep providing an outstanding quality by **delivering value to customers more quickly**.

“ Thanks to Tuleap, we are now able to meet 100% of our traceability requirements. ”

| Guillaume Dupuis, Development director at Vignal Group

Why did Vignal choose Tuleap to optimize its Management Quality System?

THE « MUST-HAVES » FOR A GOOD SMQ TOOL

- Simplify the management of complex projects
- Centralize all the information **on a single platform** that all stakeholders can access at any time, from anywhere.
- Provide **transparency and visibility** on all the projects to get real-time updates.
- Implement the same tool to Hardware development
- Ensure integration with the tools already deployed within the company, including with SVN files, Office and Altium - this latter being the business reference for the the computer-aided design of electronic systems.
- Ensure the implementation of **an end-to-end traceability system** to easily **prove software quality**, especially for audit purposes.

Another key factor that made the difference when choosing the tool: the **expertise and responsiveness of the Tuleap team**.

«The reactivity of the Tuleap team and their particular business philosophy really surprised us... as soon as we need help, they provide us with precise answers to solve the issue. Hats off to them! »

THE PROGRESSIVE IMPLEMENTATION OF TULEAP IN THE DEVELOPMENT PROCESSES

Users have progressively relied on Tuleap's functionalities to optimize their daily work, such as version management with Subversion, task and incident management with Tuleap Trackers and document management allowed having a tool that centralizes all crucial information.

Now, the members of the R&D, quality and project management departments now « meet » on Tuleap, so they use it as a reference base. This **transparency and information sharing** allowed Vignal Group to facilitate the visualization and monitoring of the activities' progress via real-time notifications.

Tuleap has been deployed also to improve **requirement management and tracking** throughout the whole development cycle, ensuring a complete visibility and traceability on all the items of a given project; this is an essential factor for both the presentation of deliverables to internal quality experts and quality (external) audits.

Their results: end-to-end traceability and a better productivity

“ Tuleap has become our reference for projects management and centralization. ”

| Guillaume Dupuis, Development director at Vignal Group

With Tuleap, Vignal succeeded in better managing its software development projects and implementing a unique full traceability system. The teams were able to see **significant results in just 6 months**.

- **2 times more efficiency in project management**

«Tuleap is natively collaborative. It enables Vignal Group to improve its coordination, collaboration and productivity. This, alongside the optimization of both visibility levels and internal communication that therefore allowed to **enhance the development cycle efficiency**.»

- **3 times more teams productivity**

« Tuleap has already encouraged a better organization and progress of projects, multiplying by three the teams' productivity and satisfying at 100% our need for **version management** in electronic developments. »

- **Traceability** objective met at **100%**

Tuleap allows users to stay informed in real time on different projects, but it is also (and above all) able to provide evidence of unique **traceability throughout software development** to make software quality **a true competitive advantage**.



www.tuleap.org