

# CASE STUDY



## Enhancing Regression Testing in Electronics: GME's Transformation with Inflectra

### The Company

- GME Pty Limited is a preeminent manufacturer and wholesaler in Australia's radio communications sector, recognized for its extensive global network of dealers and service agents
- **Industry:** Consumer Electronics, such as 4WD & Touring, Boating & Fishing, Agriculture & Heavy Vehicles, and Outdoor Recreation
- **Team Size:** 50
- **Number of Projects:** 35

### The Challenge

GME Pty Limited faced a significant challenge in managing the lifecycle of their consumer electronics, particularly with regression testing as products neared their end-of-life phase. Their primary concern was to find an effective solution to streamline their application lifecycle management and test automation.

### The Project & Objectives

GME deployed SpiraTeam on their **Project XRS390** with a strategic objective of developing an IP67, a GPS-enabled version of the XRS radio.

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## Previous Tools Used

Prior to adopting Inflectra's platforms, GME relied on tools like **Excel**, which proved inefficient due to excessive setup and maintenance requirements.

## Why SpiraTeam?

GME's decision to use SpiraTeam was influenced by:

- **Proven Track Record:** Effective performance in previous projects.
- **Deployment Versatility:** cloud and on-premise options.
- **Cost-Effective Licensing:** Competitive pricing model
- **Advanced Functional Features:** Compliance, traceability, auditability, requirements management, and test automation capabilities.

## The Project Outcome

With SpiraTeam, GME achieved an effective verification and validation for market release. Specifically, the company

- Significantly improved the process of setting up requirements and matching test cases.
- Efficiently managed the entire product lifecycle, including regression testing for electronics approaching the end-of-life.

## Unexpected Benefits:

The built-in document management system within Inflectra's products was particularly beneficial.

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## Competitive Advantage

Inflectra's turnkey solutions allowed GME to implement robust software practices quickly, reducing setup and implementation time of requirements and test cases from months to days.

The effectiveness of remote test features for regression testing automation further enhanced GME's competitive edge in the consumer electronics industry.

## Future Plans

GME plans to further expand their use of Inflectra's platforms, focusing on scaling the use of requirements and test cases.

“

The speed at which we could set up the requirements and matching test cases in Inflectra's system was quite impressive. The Remote test feature was particularly beneficial for automating regression testing.

”

Derek M.

PMO & Portfolio Manager

## Customer Satisfaction

- Inflectra Support Team Rating: **10/10**
- Likelihood to Recommend SpiraTeam: **10/10**
- Quality of Outcome: **6/6**

For more information on how Spira can benefit your organization, contact [sales@inflectra.com](mailto:sales@inflectra.com).

