



# Hyundai Tests Telematics with Zephyr Enterprise

## CASE STUDY



The process of assembling an automobile has changed dramatically with the introduction of automated machinery and robotics capable of assembling vehicles without human intervention. It is crucial to not only have software that ensures vehicles are constructed properly to be safe and functional, but that they also provide a user experience beyond just the bare minimum of driving a car.

Innovations in the field of vehicle telematics have added features to automobiles to create a truly unique, driving experience. Telematics refers to the joining of “telecommunications” and “informatics” where local information is stored and used in different business applications. Some examples of common vehicle telematics include vehicle tracking (such as through the use of GPS satellites and receivers) and wireless vehicle safety communications that assist in car and road safety.

Based in Anaheim, California, Hyundai AutoEver America is a provider of these telematics offerings through Hyundai’s Blue Link services.

## Moving from Excel to a Dedicated Test Management Solution

In an effort to move away from Excel spreadsheets for a dedicated test management solution, Dharmveer Sidhu, QA Manager at Hyundai AutoEver America, and his team selected Zephyr Enterprise.

Some specific challenges that the QA team needed to address include:

1. Could not link testcase to either defects or requirements in JIRA
2. Needed a way to see manual testcases and automated tests in one dashboard
3. Excel made reporting a time-consuming endeavor



Zephyr Enterprise

## Zephyr Enterprise fulfills Hyundai's needs

1. Zephyr Enterprise provided a bi-directional integration to JIRA, giving Hyundai's project team complete traceability
2. By integrating Zephyr Enterprise to selenium, Hyundai was able to view manual and automated tests in one dashboard
3. Hyundai saved time as reporting became a result of work being done, improving communication on status and quality

Some of the additional considerations for why Hyundai selected Zephyr over other test management products included its ease of use, configurability and proven scalability.

## Zephyr Enterprise Improves Overall QA Productivity and Efficiency

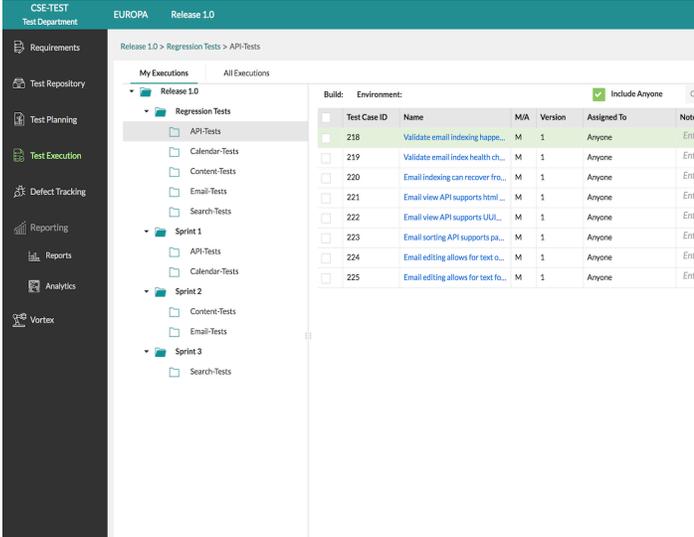
Sidhu and his team have just scratched the surface regarding Zephyr's features and capabilities, but they are currently using Zephyr Enterprise for approximately 12 projects and 2,000 test cases.

By implementing a dedicated test management solution, Hyundai has gained end-to-end traceability and saved time on reporting. Previously, Sidhu and his team would have to create formulas in Excel and augment it based on their needs, but thanks to Zephyr's dashboards and reporting capabilities, all he needs to do is send his superiors a URL to offer them full visibility into his team's testing efforts.

Thanks to Zephyr's best-in-class integrations, Sidhu and his team were able to maintain their test automation framework with Selenium and they are planning on importing their JIRA testing metrics into Zephyr's dashboards in the coming months.

With the productivity and resource utilization benefits provided by Zephyr, Sidhu and Hyundai can ensure that they are conducting the best testing processes possible, resulting in better products, more safety and satisfied customers.

"We found that it was the most mature product, as opposed to the others which we were evaluating," Sidhu said when asked why Zephyr was selected. "There are fields which you can configure yourself for Zephyr, and they can actually make things easier and more traceable as compared to Excel or other tools."



The screenshot shows the Zephyr Enterprise interface for 'Release 1.0 > Regression Tests > API-Tests'. It displays a table of test cases with columns for Test Case ID, Name, M/A, Version, and Assigned To. The table lists several test cases related to email indexing and sorting.

Test Case ID	Name	M/A	Version	Assigned To
218	Validate email indexing happens	M	1	Anyone
219	Validate email index health check	M	1	Anyone
220	Email indexing can recover from	M	1	Anyone
221	Email view API supports HTML	M	1	Anyone
222	Email view API supports UUI	M	1	Anyone
223	Email sorting API supports pagination	M	1	Anyone
224	Email editing allows for text	M	1	Anyone
225	Email editing allows for text	M	1	Anyone

