SMARTBEAR
Zephyr Enterprise
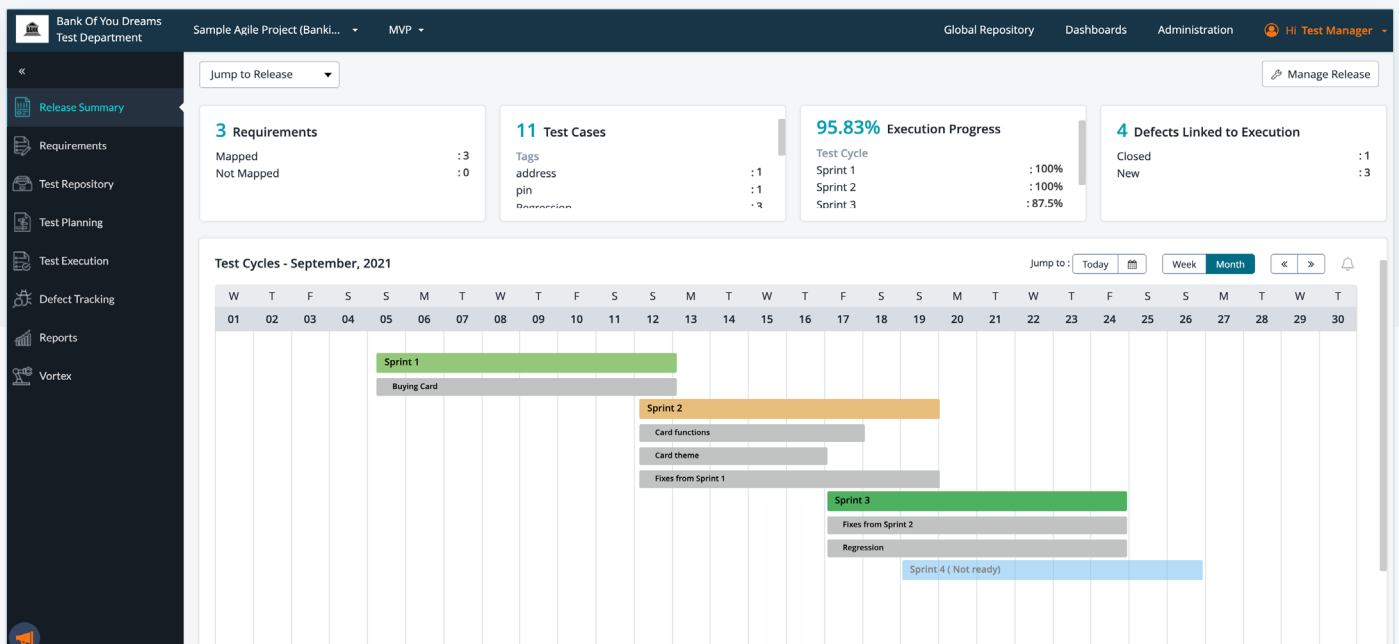
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L3HARRIS™
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How Zephyr Enterprise Empowers L3Harris Technologies

L3Harris Technologies is a leading technology innovator that works with governments and commercial customers around the world. L3Harris offers software and hardware systems for tactical communications, air traffic management, space and intelligence, weather systems, avionics and electronic warfare, and geospatial services. With such a broad portfolio, L3Harris needs a test management tool able to keep up with the pace of each product's innovation, while ensuring the highest quality.
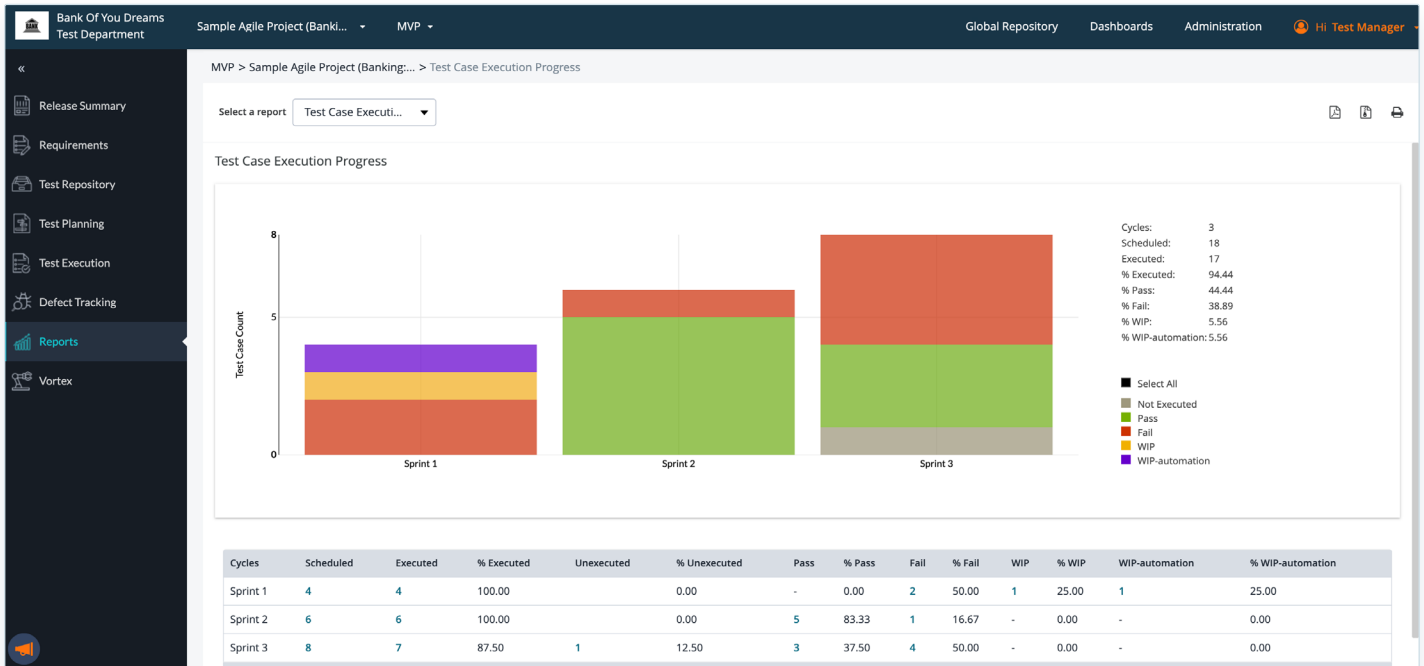

Testing challenges

L3Harris supports more than 300 projects simultaneously, across multiple product lines Release schedules range from 2-3 major releases per year to 1-2 baselines per week.

In addition to managing the sheer volume of products and projects, L3Harris also needs to integrate testing to Jira for requirements-test case traceability, manage automated and manual tests, and track weekly regression results. To streamline all these processes, L3Harris decided to evaluate a test management platform.

Choosing Zephyr Enterprise

L3Harris Technologies chose Zephyr Enterprise over other test management systems for a few key reasons: its price, its deep Jira integration, and its ability to run in Windows

and Linux environments. However, a range of attributes made Zephyr Enterprise the best tool for all of L3Harris Technologies's needs.

Test Management Benefits

Support for hardware test management

L3Harris first brought Zephyr Enterprise into a new effort, to acclimate teams to the change in development. As L3Harris learned the value of Zephyr Enterprise, it migrated hardware test management to reap further benefits. L3Harris trained technicians to modify the daily work routine around Zephyr Enterprise, and now uses the tool to create all new test cases, as well as conduct weekly regression testing. L3Harris now manages far more work – instead of being limited to 300 pieces of hardware at a time, the organization is effectively managing over a thousand items. This will help them significantly as their client base grows.

Real-time reporting

L3Harris uses the report generation facility in Zephyr Enterprise to share test results and link in Jira to connect known issues. Using Zephyr Enterprise and

Jira to track known issues means these issues can be corrected more quickly, which saves hours every week. The reports generated by Zephyr Enterprise improve information sharing and increase efficiency in workflow management. The Project Dashboard enables easy access to workload status, which reassures stakeholders that everything is on schedule. The test management solution inspires everyone to accomplish tasks and solve issues quickly to achieve clean regression test runs.

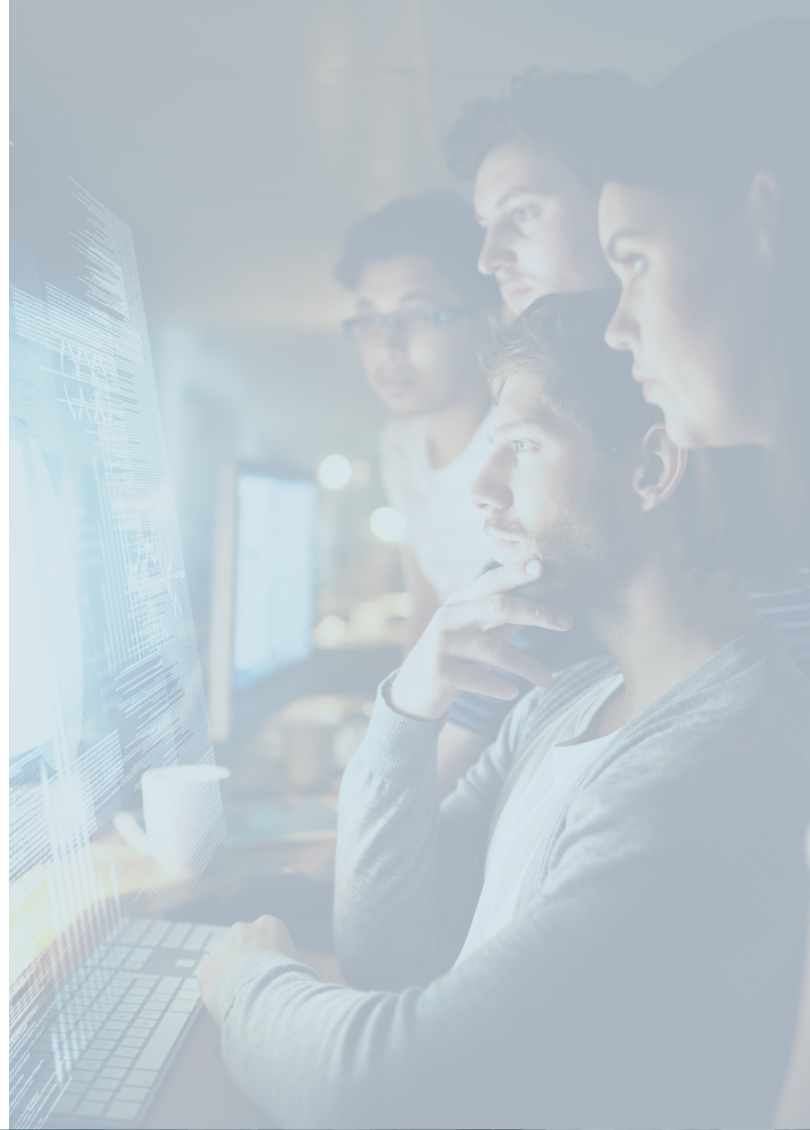### Managing multiple methodologies, product and projects in parallel

Zephyr Enterprise also enables L3Harris to support Agile testing methodologies more effectively. The organization uses incremental development and a modified Agile approach through Jira to plan its month-long sprints to deliver new functionality. When Jira is paired with Zephyr Enterprise, the team can monitor progress across projects, move work to future initiatives, and facilitate communication. The software team can use the tools to report on overall feature development and break down tasks into manageable parts.

Seamless integration with any automation tool

The integration of Sikuli with Zbots allows the integration of manual and automated tests. It reduces paperwork and allows one report to be developed for both automated and manual tests. It also allows the automation to be remotely kicked off on another machine, so nightly batches of scripts to be run.

Whether your company has a broad portfolio or focuses on a single product, Zephyr has the tools you need to deliver quality.

See how Zephyr Enterprise can help you. For more information, visit the SmartBear Zephyr Enterprise page or contact us directly.

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About SmartBear

At SmartBear, we focus on your one priority that never changes: quality. We know delivering quality software over and over is complicated. So our tools are built to streamline your DevOps processes while seamlessly working with the products you use – and will use. Whether it's TestComplete, Swagger, ReadyAPI, Cucumber, Zephyr, Bugsnag, or one of our other tools, we span from test automation, API lifecycle, collaboration, performance testing, test management, app stability and error monitoring, and more. Whichever you need, they're easy to try, easy to buy, and easy to integrate. We're used by 16 million developers, testers, and operations engineers at 32,000+ organizations – including world-renowned innovators like Adobe, JetBlue, FedEx, and Microsoft. Wherever you're going, we'll help you get there. Learn more at smartbear.com, or follow us on LinkedIn, Twitter, or Facebook.