

# Embed Testing in Your Application Lifestyle with Mendix Application Test Suite

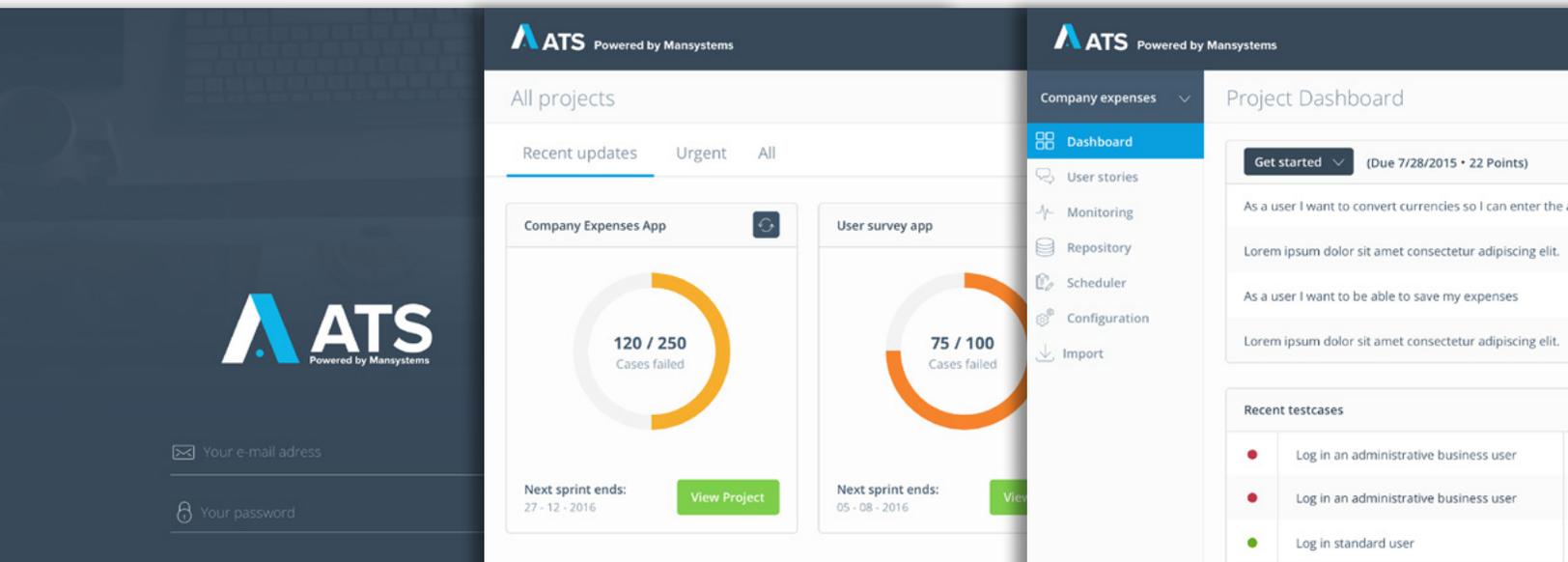
## Define, Automate and Manage Your Tests

Testing and quality assurance are essential disciplines in all software development projects. However, functional and regression testing can quickly become a burden for applications that go through iterative cycles of development and deployment. Mendix addresses this challenge by providing a unique cloud service to define, automate and manage your tests.

## Prevent the Cost of Defects and Reduce Spend on Testing

The cost of defects can rise exponentially depending on the stage in the lifecycle. Applying the right test approach helps to proactively address functional flaws and technical defects early on. Despite the benefit, testing easily consumes 25 percent of the development project's budget.

With the Mendix Application Test Suite, you can easily automate your functional tests for the user stories you are developing and bring down overall cost of testing to less than 10 percent of your budget. The Application Test Suite offers a full suite of tools for embedding testing in your application lifecycle. These tools are built in Mendix on top of Selenium.



*“LV= has made great progress with the Mendix platform and has very quickly built some substantial applications. The automated testing and performance analytics capability of the Application Test Suite and Performance Monitor is just what we need to allow testing and performance tuning in order to continue at the same rapid pace as the development.”*

**Rod Willmott, Fast Track Innovation Director at LV=**

## Functional Test Automation

The Mendix Application Test Suite applies the principles of keyword-driven testing, the fastest way to automate your functional tests. Define a test case in just a few minutes using out-of-the-box automation blocks.

- **Keyword-Driven Testing** – Create your own keywords as reusable building blocks. Use parameters for keywords to pass/return data and use them in multiple scenarios. Avoiding redundancy saves time and keeps tests maintainable.
- **Reusable E2E Tests** – Once designed, tests can be reused infinitely without additional effort. Use the same tests for multiple purposes in different stages (development, smoke/sanity, system, regression, etc).
- **Cross-Browser Testing** – Design tests once and run them in Firefox, Chrome and Internet Explorer without any changes.
- **Refactoring** – Change is a constant factor in any application. The intelligent refactoring mechanism helps you keep your tests consistent and avoid redundancy.
- **Scheduling** – The scheduler runs your test at any time without manual input. By running tests in parallel, you can process a full regression test suite in less time.
- **Platform Version Compatibility** – Don't worry about Mendix Platform updates. We normalize differences between platform versions and make them transparent. No broken tests, no changes required.



## The Power of an Ecosystem

Mendix Application Test Suite has been developed in partnership with Mansystems. Mansystems was founded in 1991 and has a proven track record in delivering integrated Service Management Solutions. A Mendix partner since 2010, Mansystems has become a leading business and technology partner in our ecosystem. The Mendix Application Test Suite is a unique offering providing the Mansystems product as a Mendix Cloud service.

## GETTING STARTED

The Mendix Application Test Suite comes as an add-on subscription for a single application or for your whole portfolio.

To maximize the value of using the test suite, we have defined a starter pack that offers training and coaching for developers and managers, delivered by experts from Mansystems.

▶ **Get the Mendix Application Test Suite:**

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Mendix enables companies to build, integrate and deploy web and mobile applications faster and with better results, effectively driving ROI in days, not months.

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