



AUTOMATE
THE PLANET

Transforming Testing Efficiency: A Test Automation Success Story

 **sportal365**
Part of Ringier Sports Media Group

ABOUT SPOTAL365:

The world's first headless sports content management system that lets media publishers, betting companies and sports rights holders manage sports data, news, images, videos, and live content from a single interface.

Initial Situation

When Automate the Planet began working with Sportal365, the company was facing several challenges:

- ⊖ **14 days** release cycles
- ⊖ Release procedure elapsing between **3 to 5 work days** per sprint
- ⊖ 3 products, requiring **different approach** for testing
- ⊖ **30 to 50 Manual Test Cases** executed per release (out of 350)
- ⊖ Automation coverage mainly in API level
- ⊖ Identified knowledge improvement areas
- ⊖ **Missing** unified and scalable way to implement and maintain an **Automation suite**

Solution Implementation

The project was structured in multiple phases over two years, focusing on comprehensive automation across three key areas:

1. CMS TESTING:

- Implemented automated regression testing covering **90% of critical functionality**
- Implemented nearly **1800**
- System tests executed within **4 hours**
- Integrated test reporting with screenshots and video captures
- Established daily automated test execution

2. API TESTING:

- Achieved **100%** coverage of public APIs with **CRUD** testing
- Integrated test execution into **CI/CD** pipeline
- Implemented nearly **1800** tests executed within **15 minutes**
- Set up automated **test result analysis** and reporting

3. WIDGET TESTING

- Developed **1120** visual testing
- Covering **100% of Storybook** pages and widgets
- Created **1200** functional tests for **100% of widgets** (41 out of 41)
- Implemented cross-browser testing across top **5 screen resolutions**
- Achieved test execution within **1 hour**

Key Results

The implementation delivered significant improvement

TIME SAVINGS:

- Reduced release cycle from 2 weeks to multiple releases per day
- Decreased regression testing time by 70%
- Cut deployment and testing time from 5 days to 1 day

QUALITY IMPROVEMENTS:

- 40% of defects discovered through automated tests
- Increased test coverage from 50 to 5000+ test cases
- Enabled comprehensive testing across different browsers and configurations

TEAM ENABLEMENT:

- Successfully trained existing team members in automation
- Integrated new QA team members with automation capabilities
- Provided documentation and workshops for continued team growth
- Enabled developers to contribute to the test automation project

The project also implemented innovative solutions such as dynamic test data integration, visual testing for design validation, and AI tool integration for enhanced analysis. The automation framework was built with scalability in mind, allowing for future expansion and maintenance by the internal team.

Business Impact

This success story demonstrates how strategic test automation implementation can transform a company's testing practices, leading to faster delivery cycles while maintaining high quality standards.

The transformation enabled Sportal365 to:

- ✓ Dramatically accelerate their release cycle
- ✓ Improve quality through comprehensive testing
- ✓ Reduce manual testing effort
- ✓ Enable faster feedback on code changes
- ✓ Support continuous delivery practices



MORE ABOUT AUTOMATE THE PLANET

