



# Sonata hybris Capabilities

## CASE SUMMARY

Client is one of the largest fabric, craft and home decorator company in Australia with stores in every state and territory as well as operations in New Zealand, and through Asia. The company's business operates over 100 stores employing more than 6,000 people, with stores occupying more than 3,000,000m<sup>2</sup> of retail space. The company's rapidly expanding store network is now being complemented by its shop-at-home service.

For execution of this e-commerce based implementation, Hybris with its inbuilt PCM being key differentiator, was chosen; with the initial phases

of the implementation centered around getting the base e-commerce capabilities in place including the fulfilment processes and home delivery service for Australian customers, it was imperative to ensure this base implementation was tested and verified against the business needs and the evolving market space.

Product Engineering  
Enterprise IT Services  
Technology Infrastructure



**DEPTH MAKES A DIFFERENCE**

## SOLUTION FROM SONATA

Sonata offered End-to-End Testing Services on Hybris Platform that included Product Information Management (PIM), Hybris Management Console (HMC), Customer Service (CS) Cockpit, Order fulfilment and SAP CRM Interface testing.

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### SCOPE & FUNCTIONAL HIGHLIGHTS

- Hybris 5.1
- Testopia for Test Management
- Selenium ( for Script Automation)
- SOAP UI

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### KEY HIGHLIGHTS

- Regression of the platform based and functional test scenarios for Phase 1 of the project.
- E2E Testing Services for Phase 2 of the project that involved testing enhancements to the instances across the geos – Australia and NZ
- Test Planning, Test Case Authoring
- Test Scripting & Automation
- Hybris Cockpits Testing
- Sonata's RAPID Test Platform - Automation,
- Performance / Load, Regression and Mobility Testing
- Metrics Management
- Documentation & Reporting
- Identify, implement, manage re-usable assets
- Identify common & critical test scenarios on the e-commerce platform – automate & re-use

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### CHALLENGE

#### Team

- Quick ramp up of team with testing expertise on specific modules Hybris platform
- In-depth knowledge of Hybris platform to help identify scripting and testing challenges ahead of time

#### Scripting

Functional handover – understand requirements and platform limitations & challenges; identify and address scripting limitations & challenges and ensure E2E testing coverage

#### Timelines

Functional handover, team ramp up and UAT script delivery within the narrow timeline to ensure no-impact to the production go-live.

#### Process

Implementation of testing process with the documentation of key aspects and managing the testing artifacts.



## Platform and Technology

- Hybris 5.1
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## BENEFITS

### RAPID (Test Automation) Framework

- Quick set up
- Reduced execution cycle time
- Reusable Components
- Configuration driven
- Cross platform reusable assets
- Integrated & Extensible

### Cost & Effort Impact

- Manual Effort – 3 days per person (7 member team) for individual modules involved.
- With Automation – (over-night scheduled) 23 hour execution (across all modules)
- 30 % effort savings in test suite execution



### ABOUT SONATA SOFTWARE

Sonata Software is a global IT services firm focused on catalyzing transformational IT initiatives of its clients through deep domain knowledge, technology expertise and customer commitment. The company delivers innovative new solutions for Travel, Retail and Consumer Goods industries by integrating technologies such as Omni-Channel Commerce, Mobility, Analytics, Cloud and ERP, to drive enhanced customer engagement, operations efficiency and return on IT investments. A trusted long-term service provider to Fortune 100 companies across both the software product development and enterprise business segments, Sonata seeks to add differentiated value to leadership who want to make an impact on their businesses, with IT.



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