



SAP Testing – Making Life Easier
Modern Test Methods from Across the Globe

This Slide Deck....

- The contents of this slide deck are in context of a live demo showing how to make SAP testing easier for business users.
- Business users are often called in to assist with SAP testing.
- There are many other topics associated with SAP testing that TTC is happy to talk about.
- The live demo is not shown in this slide deck.
 - Capture business user activity, use information for testing
 - Convert business user activity into manual test cases and/or user guides
 - Convert manual tests into automated tests.

Who we are

- Grant Borrie, Technical Director, TTC Global Test Delivery
- Josh Dickinson, Senior Technical Consultant, Technical Test Solutions



What we are going to show you



- Simple tricks to make testing easier for business users
- Some cool stuff
 - Capture business activity
 - Convert into manual tests
 - Automate those tests



Follow on

“...our testing budget for a release of a tier 1 app was \$210,000. We delivered it for \$10,000...”

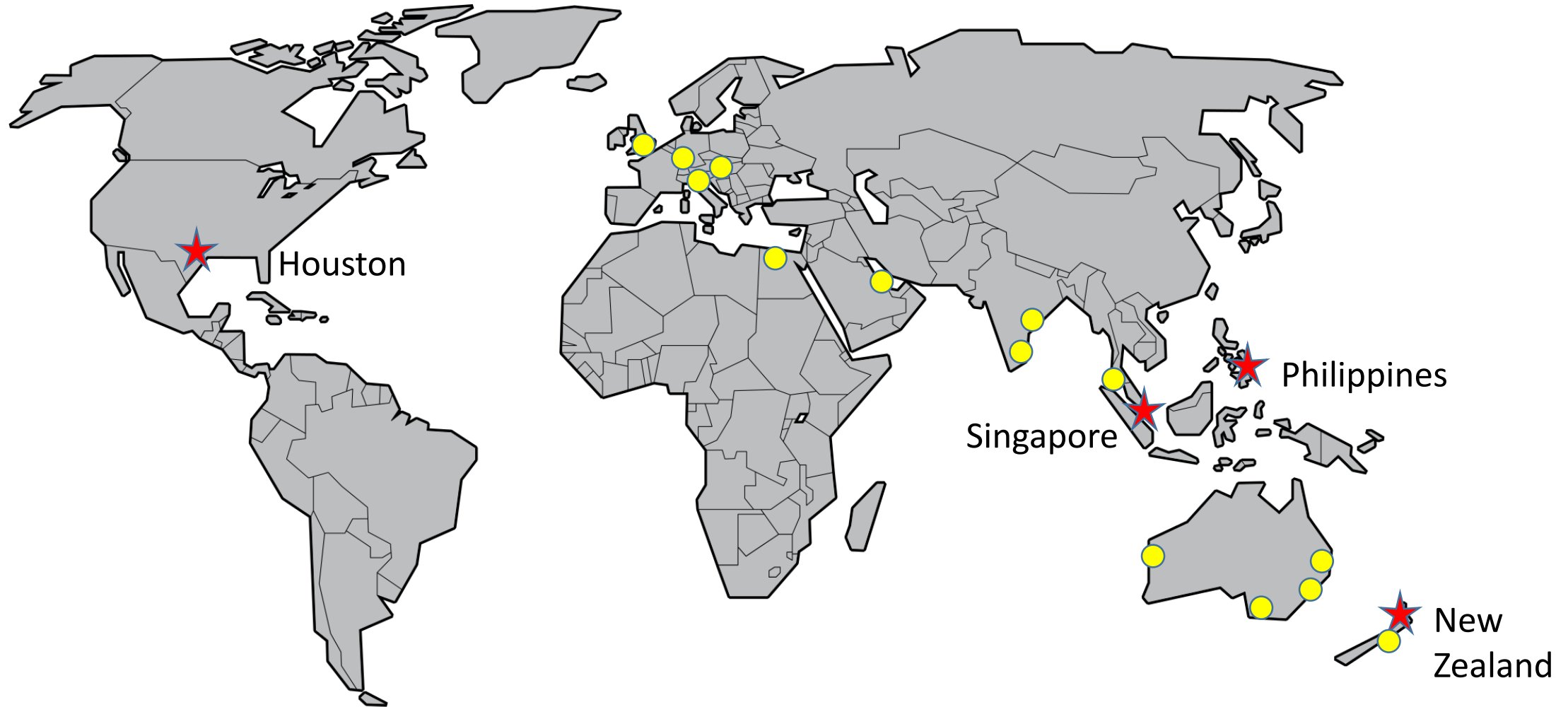
Manager ITTS at MSD

Presentation to SAP Users Group, Wellington

17th April 2013...

... in relation to TTC's innovation around Model Driven Automation, Test Design and Data Management

Where we test



Change is good

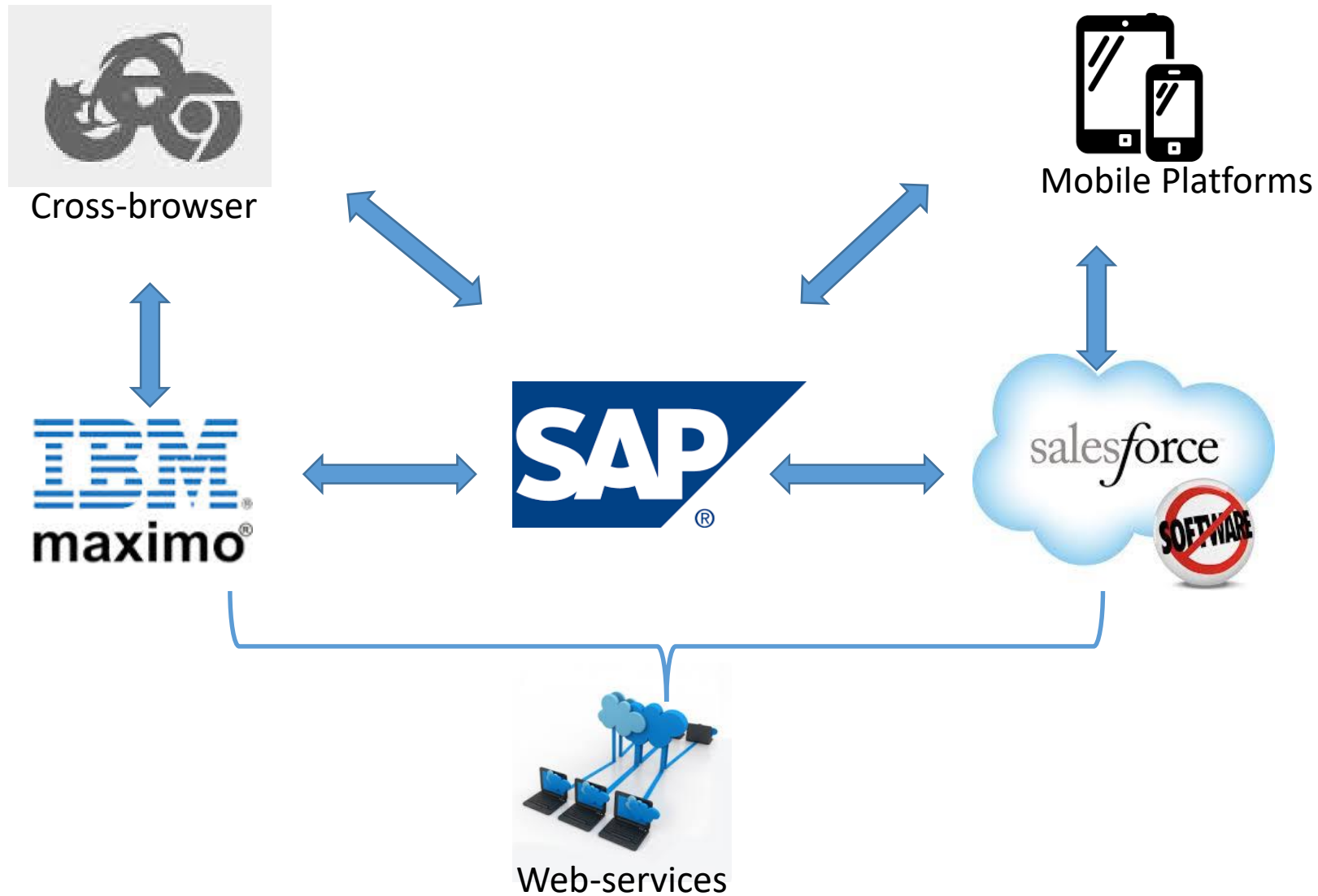


TTC tests across all SAP environments



SAP WinGUI -> SAP Netweaver -> SAP Business Client -> SAP Fiori

But our world is not just SAP....



So how do we test



TTC helps clients make SAP testing programs easier by:

Reducing effort required by business users to actually plan and execute tests.

Increase test coverage

Improve visibility of testing for business users – aids the sign-off process

Encourage ownership and involvement by business users in the test process

So how do we test



- Business Enablement and Focus
- Change Impact Analysis
- Test Accelerator Packs
 - 2000+ pre-prepared test scenarios covering transaction codes for ECC, EEC, HR, IS-U, IS-R and Hana Financials)
- Optimisation – test data and test scenarios
- Automate everything
- Certified Integration with SAP, Solution Manager



SAP Certified Testing



Test Management

Products and capabilities integrated with SAP Solution Manager



SAP Solution Manager 7.1
(or higher)

Business Blueprint

Synchronisation

Test Configuration

Ext. TestCase

Dyn. TBOMs

Create Solman Testscript

Create Dynamic TBOM

Test Package

Errors	No Result	OK
0	2	1
0	2	1

Execute Test Script

Execution Status

Business Process
Change Analyzer

Submit Execution List

T Tosca

Requirements

Test Case Design

Test Case

Execution List

Execution Log

SAP® Certified
Powered by SAP NetWeaver®

Business enablement – making life easier



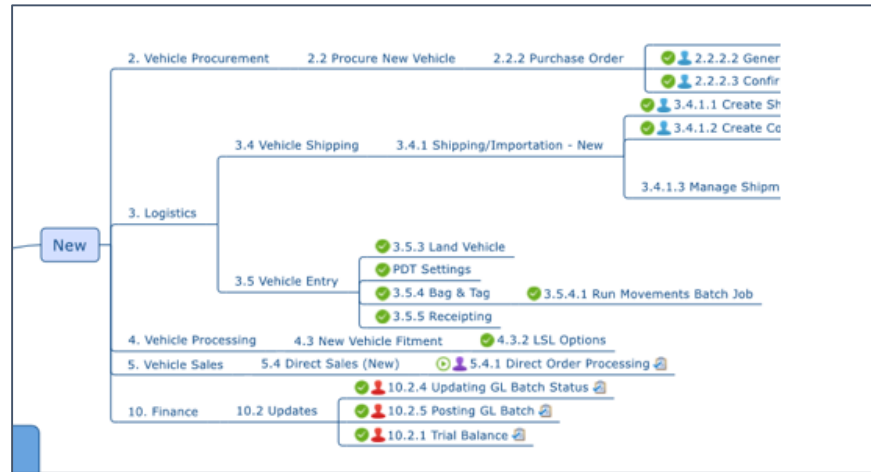
But what are we
fighting...????

....I mean testing ?



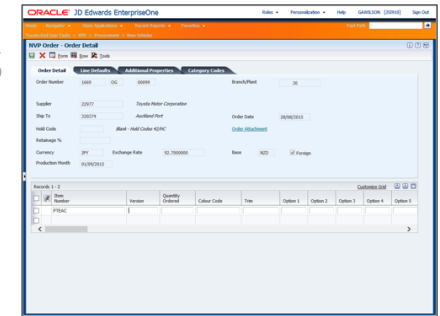


Map



Capture Business Activity

Step	Action
10.	<p>On the NVP Order - Order detail page, in the grid, enter a Model Code into the Item Number field.</p> <p>You can use the visual aid (F2) to help you select a valid item number (Model Code).</p> <p>Enter a valid value e.g. "KFDUM".</p>

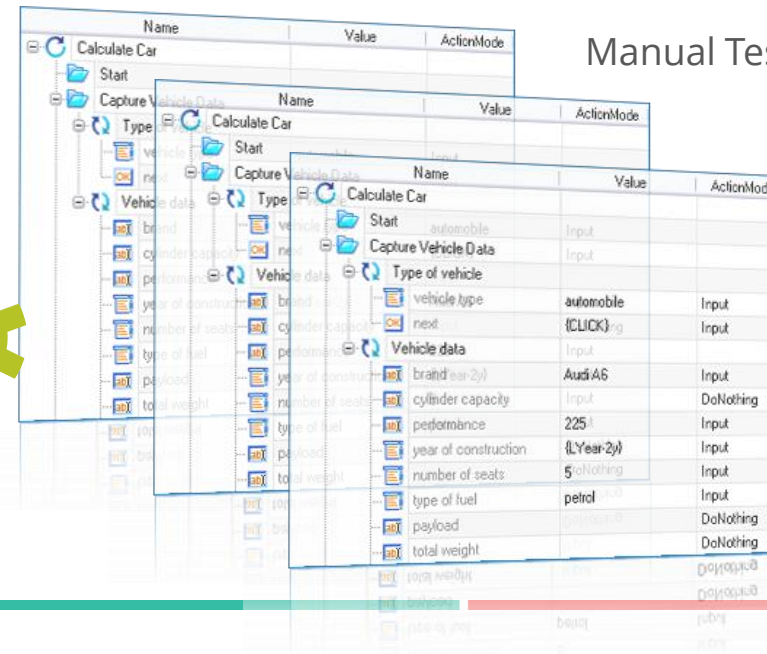


Manual Test Cases

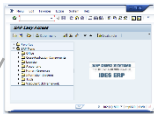
Convert into tests



Automate



System Under Test



Desktop App interface



Mobile interface



Web Browser interface

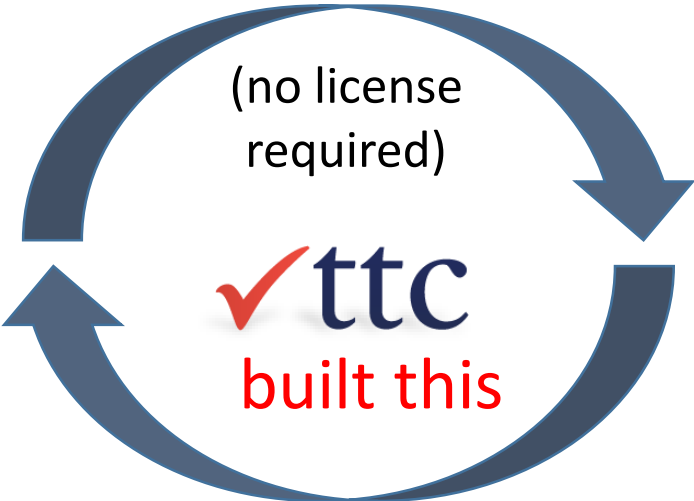
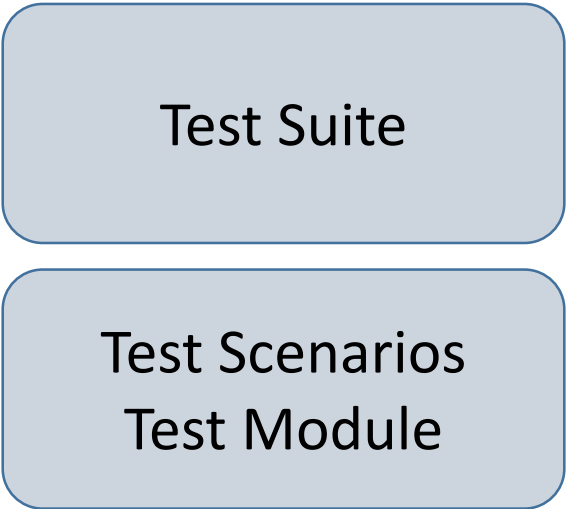


API interface

Testing with other stakeholders



Email tests via
HTML Agent
to your other
team members



Results automatically captured
back into main test suite.

Other Testers
Local or Remote



Conduct Testing

Name	Value	ActionMode
Calculate Car		
Start		
Capture Vehicle Data		
Type		
Vehicle data		
brand	automobile	Input
year of construction	(CLICK)	Input
number of seats	5	Input
type of fuel	petrol	Input
payload		DoNothing
total weight		DoNothing

Testers complete testing...
...then press save.

DEMO

ENDS

Paul Whiston
Group CEO
E: paul.whiston@testingconsultancy.com
T: +64 21 856 059

Colleen Meads
Head of Enterprise Testing
E: colleen.meads@testingconsultancy.com
T: +64 27 423 7722

www.testingconsultancy.com
