



# INNOWAVE

Change Lives Through Innovation

## TESTING SAP

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# 1 Testing SAP

1.1 Like many others business support Systems, SAP solutions rely on many different factors and recurrent constant updates, influenced by business drivers, compliance drivers and technology drivers, as illustrated on the figure below. With so many variables, it is not easy to ensure the software quality at the production environment.

## 1.1.1 The Problem

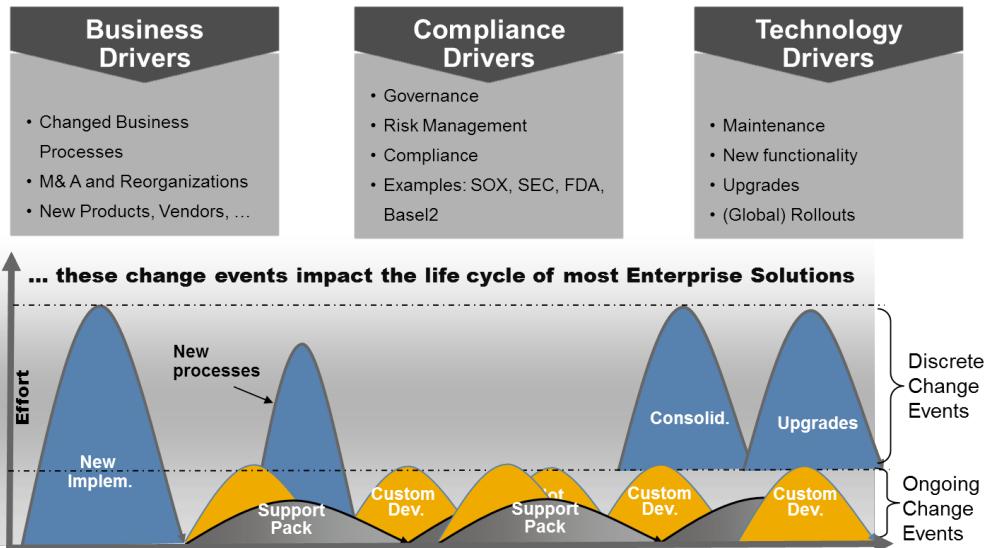
- **Business pressure**
  - Fulfilment of Service Level Agreements
  - Responsiveness upon business changes
  - Quick adjustment for legal compliance
- **Time pressure**
  - Unavailability from end-users for regression testing
  - Manual Testing is not efficient and it cannot provide quick answers in a short time frame
- **Lack of Product Quality**
  - If the testing effort is done by SAP consultants, the testing scope is limited to the consultants' expertise. So, there is no end-to-end perspective
  - The need to upgrade the SAP standard engine may impact customizations made to satisfy your specific requirements

## 1.1.2 The Solution

- **Comprehensive Testing**
  - To follow an End-to-End testing approach that ensures a comprehensive view, namely:

<u>Order to Cash</u>	<u>Procure to Pay</u>	<u>Fin &amp; Control</u>	<u>Hire to Retire</u>
ECC 6.0	ECC 6.0	ECC 6.0	Human Capital Mng (HCM)
Customer Relationship Mng (CRM)	SCM	Finance- Control (FI-CO)	Time Mng (TM)
Sales and Distribution (SD)	Supplier Relationship Mng (SRM)	ECCS + AM + GL	Personnel Admin (PA)
Material Mng (MM)	MM	Accounts Rec / Payable (AR/AP)	Organizational Mng (OM)
Finance (FI)	Asset Accounting (AA)	Cost/Profit Accounting (CCA/PCA)	Personnel Develop/ (PD)
	Inventory Mng (IM)		Benefits Admin

- **Professional and Specialized testing service**
  - Test Factory Model based on leading technology solutions (HP Quality Center e SAP TAO)
  - Using teams that involve testing experts as well as business consultants (SME - Subject Matter Experts)



## 2 Key Benefits of Our Solution

### 2.1 Functional Test Automation allows for an important set of benefits, namely:

- Reduces the duration of the Regression Testing in more than 50% as well as the associated costs
- More confidence when deploying the software to production with the resulting benefit of decreasing maintenance costs
- Allows for the reuse of test cases in consecutives upgrades, support packages, etc.
- Adds responsiveness to business needs, since your deployment risk is much lower and you can easily do more frequent upgrades

## 3 WinTrust Key Differentiators

- *WinTrust is specialized in Testing Services and one of a few in the Europe with SAP TAO knowledge, in addition to our large experience and certified professionals in HP technology*
- *Huge experienced know-how, namely in Software Maintenance Processes as well as in the key success factors for a high quality final product*
- *Consultants with recognized expertise in Software Testing best-practices (ISTQB® certifications)*
- *ISO/IEC 17025:2005 Qualification - Testing Lab to support Software Certification*

## 4 SAP TAO Case Studies

### SaraLee

- 80% reduction in the cost of comprehensive regression testing
- 90% decrease in the number of defects found in production
- 70% reduction in regression testing execution time

### Honeywell

- Formerly, there were high post production support costs due to defects not caught during testing
- After, achieved cost savings of 20% over previous approach
- Improved Quality in Production

### Electrolux

- Weekly regression test execution before moving changes to Production environment
- In-house test team able to support, maintain and build test cases
- Increased test coverage

### T-Mobile

- ERP applications touch nearly every facet of T-Mobile business. Siloed Testing was not a solution
- Near/off-shore teams supported the testing approach
- Reduced production defects by 75%

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- Discovered that out of 1,231 E2E test cases, only 211 were unique
- After completion, 62 E2E (End-to-End) test sets will be included in test bed
- Decreased external contractor costs by 35%

### BR PETROBRAS

- Achieved the desired reduction in defects and in supporting costs
- Solved the problem of testing done by consultants without a comprehensive business view
- Created ISO 9001 testing evidences

### 1.1.1 Don't hesitate to

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For further details, please contact us.  
We can:

- *Detail our offer*
- *Put you in touch with our customers*