



# EBS Rollout at H3G

## Handling of Requirements and Test Management

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# This presentation



- About Hutchinson 3G
- About the GSI Programme
- Application Lifecycle Management
- ALM Technology stack
- Demonstration
- Benefits
- Q&A

# Hutchison Whampoa / Hutchison Drei Austria Company Profile

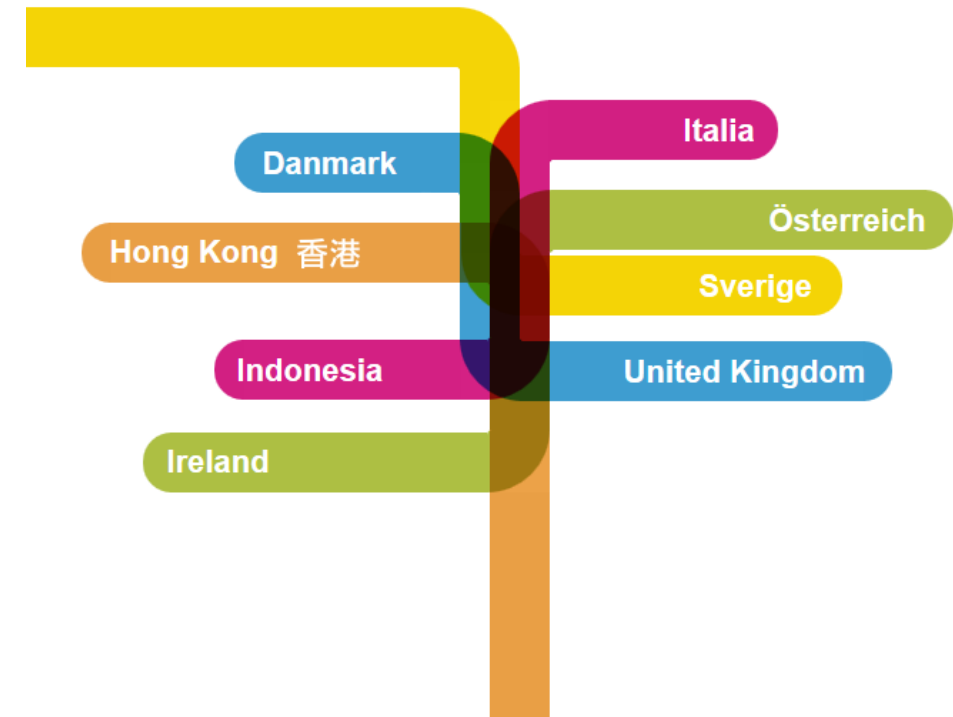


## ▪ Hutchison Whampoa Limited (HWL)

- Headquarter in Hongkong
- Revenue 2013: 40 billion EUR
- 260k employees in 52 countries
- 6 core businesses (Ports & related services, property & hotels, retail, telecommunications, energy, infrastructure).
- 3G Customers: 26,6 million 3G customers within Europe (Dec 2013) in: Ireland, UK, Denmark, Sweden, Austria, Italy

## ▪ Hutchison Drei Austria GmbH

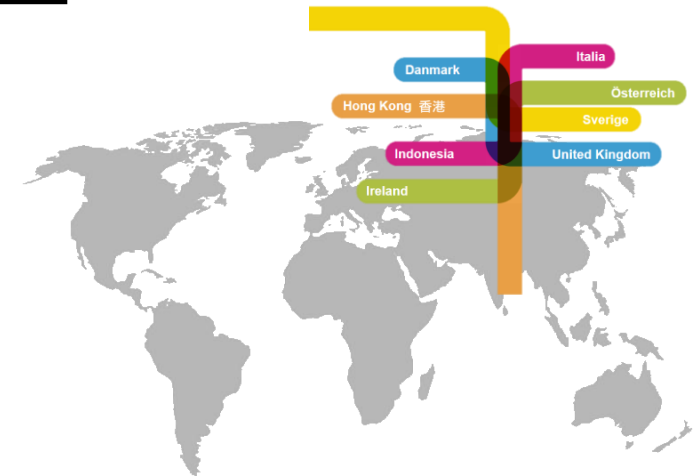
- Owned by HWL
- Since 2003 on the Austrian market as the brand „3“.
- Fastest growing telecommunications provider in Austria.
- Due to the takeover of Orange Austria in January 2013: third-strongest market contributor, 3,428 million customers and about 26 % market share. (Dec 2013)



# Global Single Instance (GSI Programme) Rationale and Goals

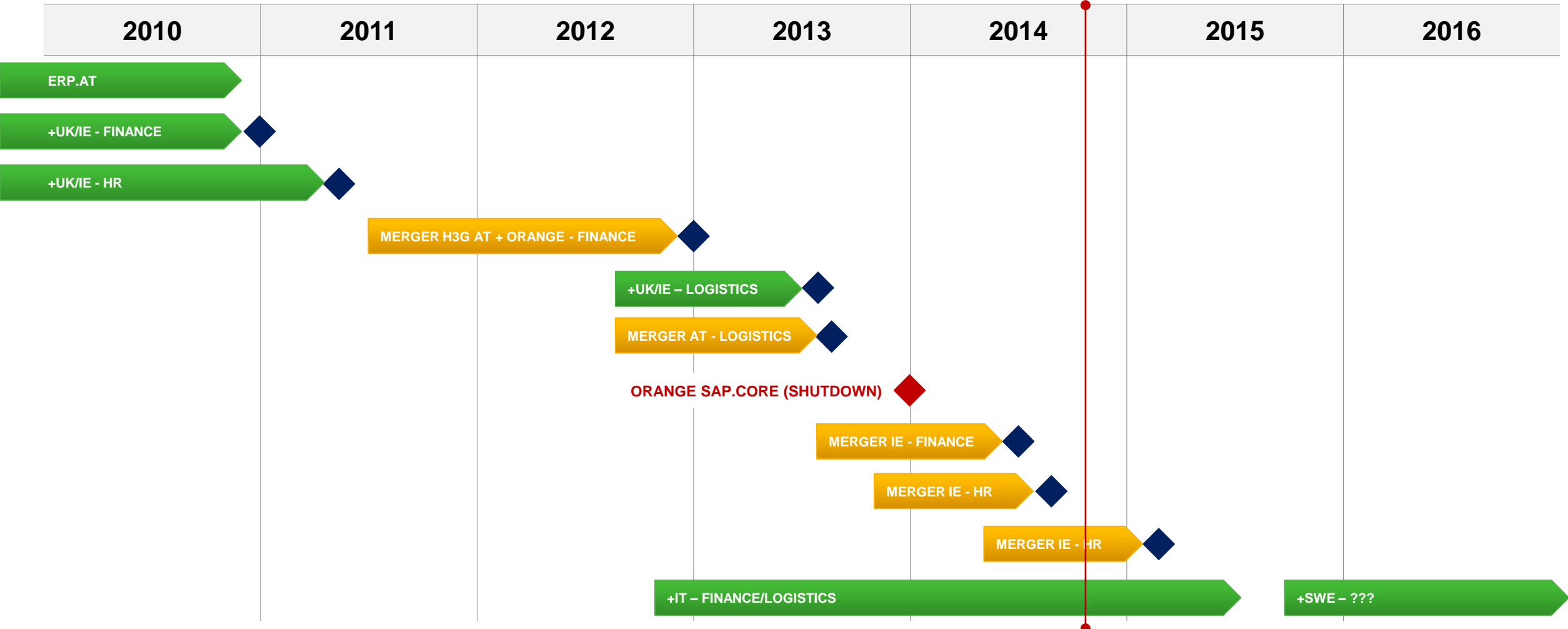


- Decision to establish centralized ERP services for the AT, UK, Ireland and Italy subsidiaries in a Global Single (ERP) Instance (GSI)
- IT department of Hutchison Drei Austria was chosen to implement and operate GSI (Finance, Logistics, HR and Payroll)
- AT, UK and Ireland are operational on GSI, **Italian OPCO re-implementation project currently ongoing**
- GSI Goals
  - Reduced and shared costs for operations
  - Harmonized business processes as much as possible
  - Shared ERP service improvements
  - Build up ERP business process knowledge in a competence headquarter
  - GSI optimized project approach to rollout GSI processes



# Global Single Instance (GSI Programme)

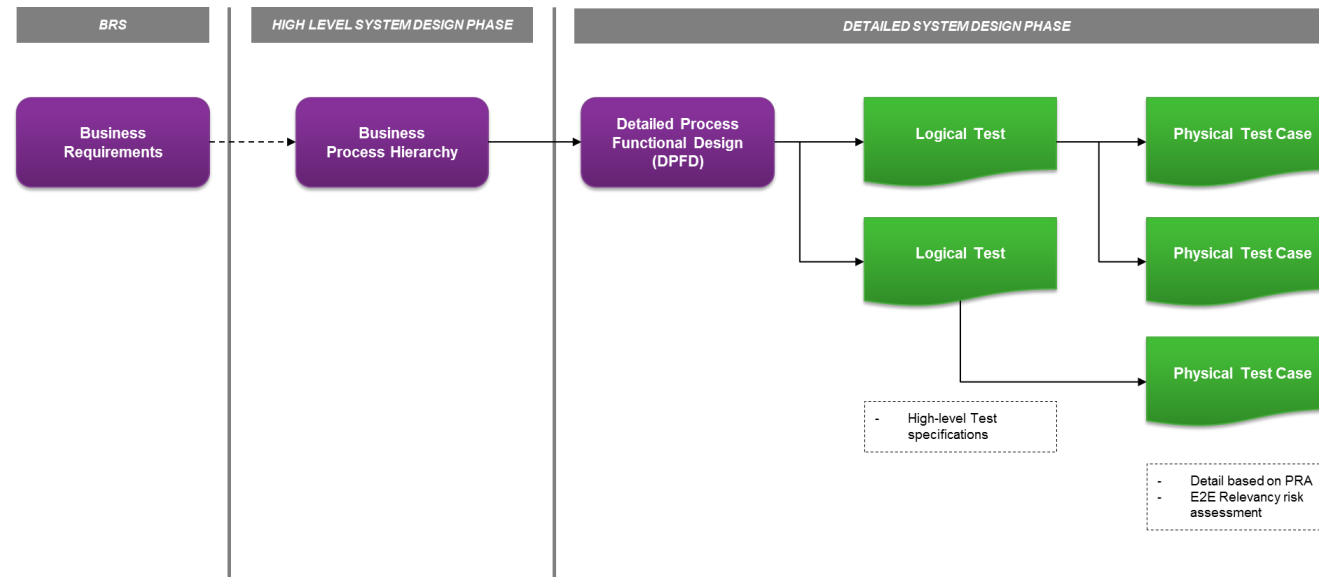
## Timelines & key milestones



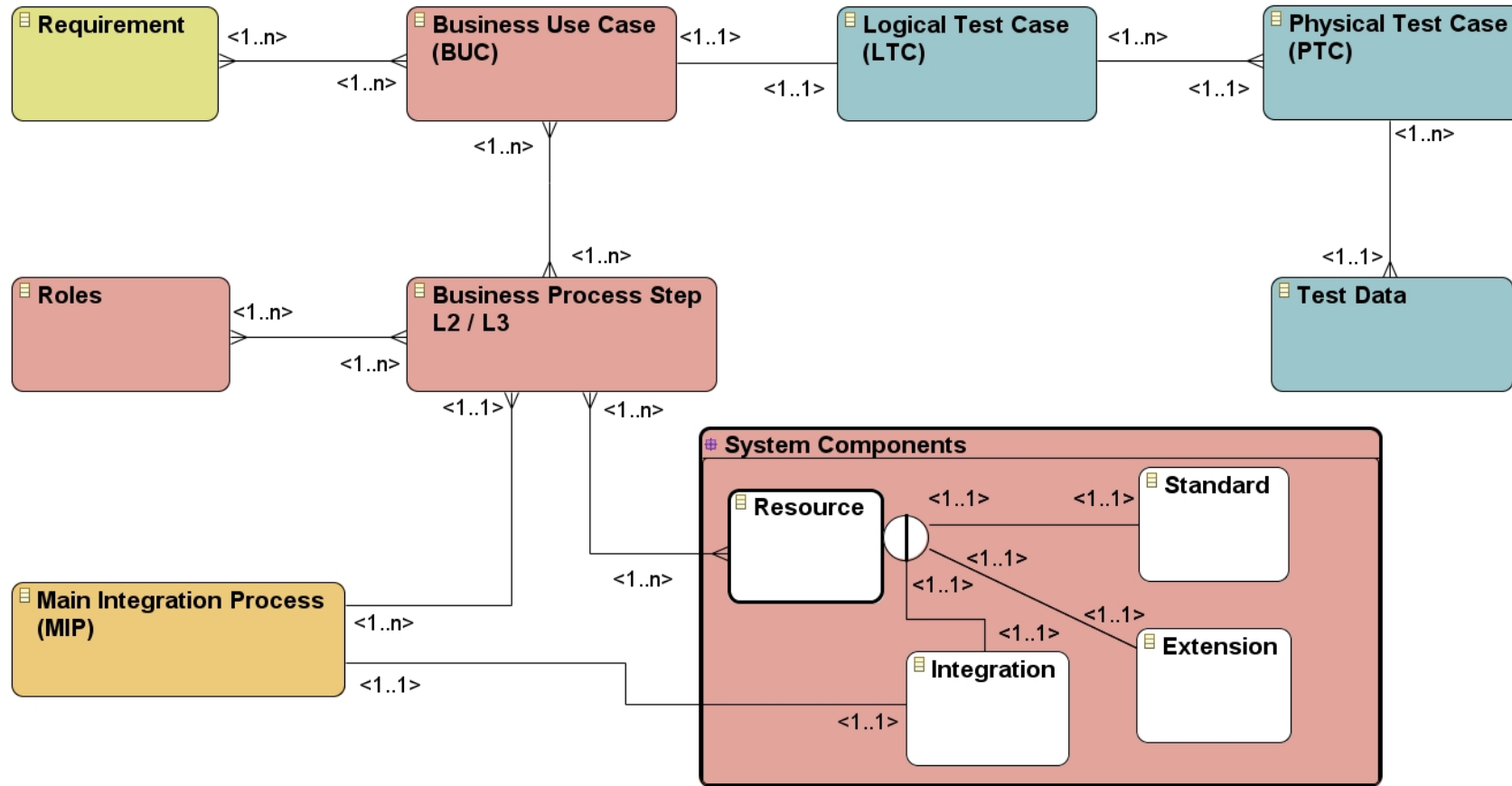
# Italian Operating Unit roll-out IPQM Approach



Based on an IPQM approach the partners to the Italian implementation as well as Italian OPCO Business Process Owners (BPO) agreed upon during the initial stages of the project that the to-be process for the overall RE and testing will be conducted based on Business Use Cases (BUC) that are modelled in the Horus Application for process modelling, and that testing is to be conducted in the industry-standard test management tool called HP Quality Center (HPQC).



# Application Lifecycle Management From Requirements to Design & Test.



# Application Lifecycle Management Process Detail (1/3)



1

## Business Requirement

- New
- Change (Change Request)

2

## Solution documentation

- High Level System Design (HLSD)
- Detail Design
  - DPDF
  - DID / DED / DMD
- Business Use Cases (BUC)
- Logical Test Cases  
*(high-level business process)*

3

## Business Process Risk Assessment

- Change Request assessment vs. end-to-end/stand alone scenarios (w/ business process owners)
- Test coverage enhancement & variant definition (if applicable)
- Risk-based assessment on lower process levels





# Application Lifecycle Management Process Detail (2/3)



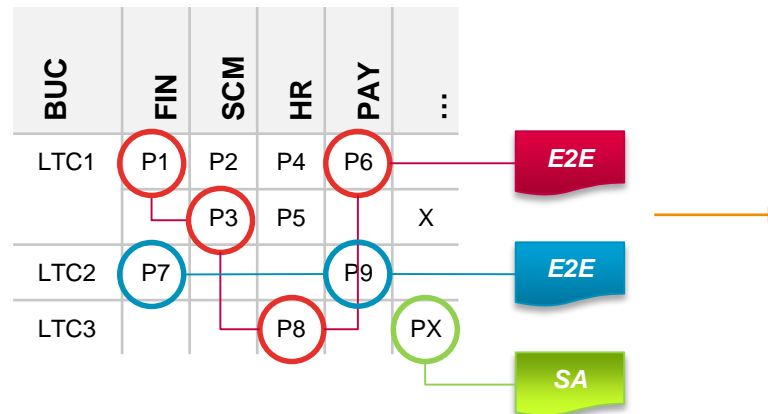
## 4 Test Specifications

- Adaptation of System functionality test coverage based on business process assessment (previous step)
- Business Requirements mapping in HPQC

BUC	FIN	SCM	HR	PAY	..
LTC1	P1	P2	P4	P6	
		P3	P5		X
LTC2	P7			P9	
LTC3			P8		X

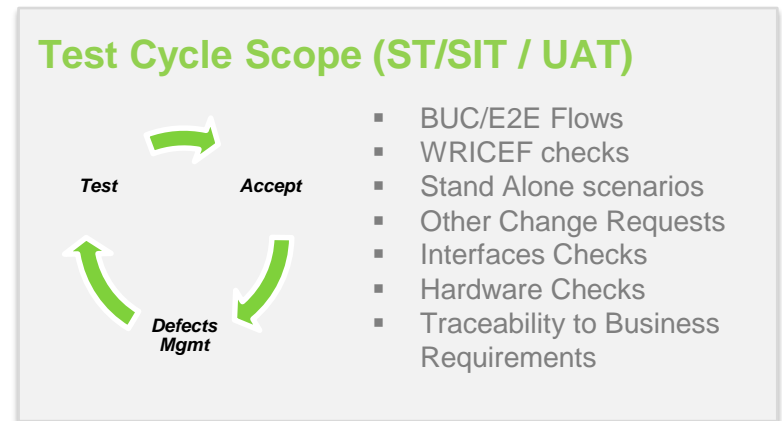
## 5 Test Planning & Scope finalization

- Final selection of Business Use Cases, End-to-End flows & Stand Alone test scenarios



## 6 Test Execution & Defect Management

- System Test (done by Project Team)
- System Integration Test (done by Project team)
- User Acceptance Test (done by Regional key users)
- Regression Test (done by Test Team)
- Centralized defect management
- Reporting & coordination (done by E2E Test Management)



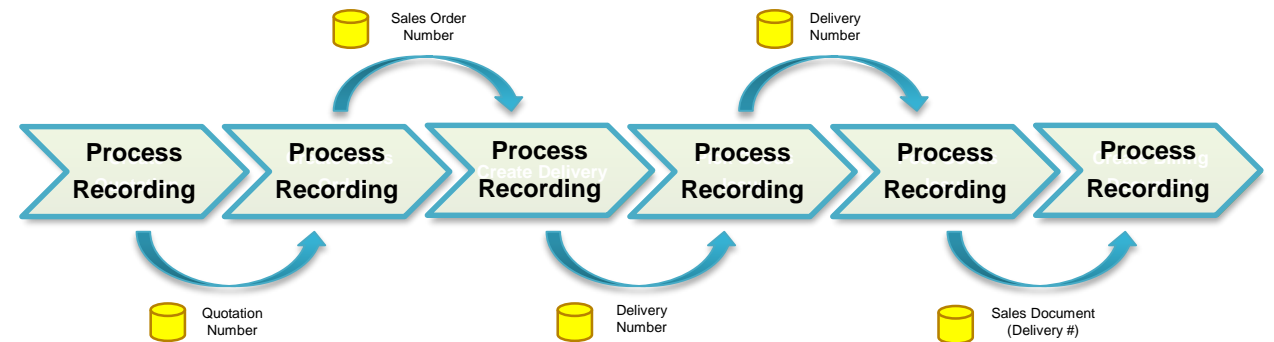
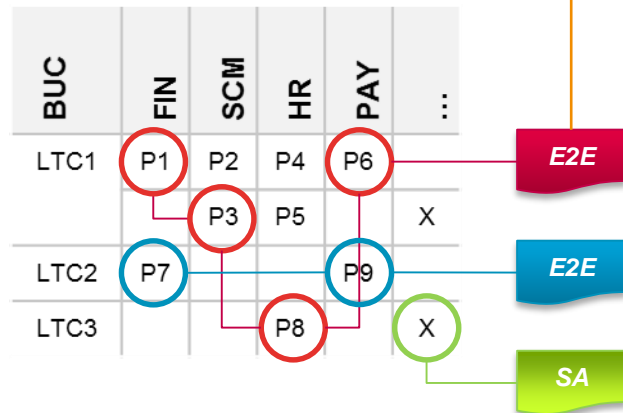
# Application Lifecycle Management Process Detail (3/3)



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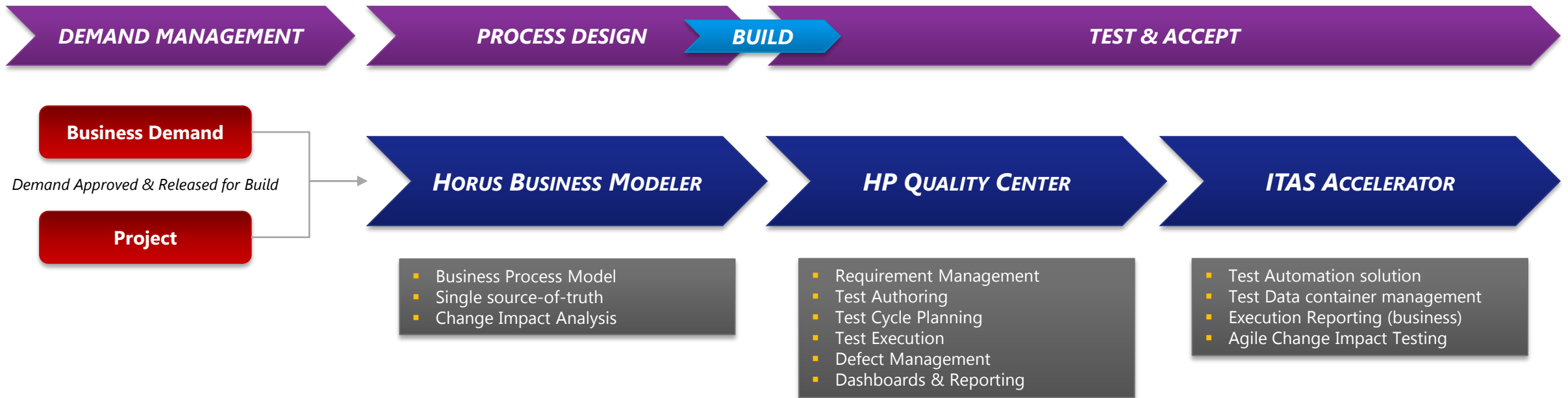
## Risk based Test Automation / Regression baseline

- Priority on critical business flows and some critical system/sanity checks
- ITAS Accelerator for more efficient automation techniques



# Application Lifecycle Management

## E2E Technology stack



# Benefits



- **Quality Gains**

- Increased business process testing coverage with more in-depth activity analysis
- Optimized testing efforts by focusing on most critical flows

- **Solution Acceptance**

- Increased visibility of Business Requirements mapped against “to-be” solution
- Test deliverables reflect direct impact to solution business processes, ergo to Business Requirements

- **Improved Coordination & Collaboration**

- Business, Functional, Technical and Test teams have never been better connected
- Automated synchronization allows design teams to focus on adding value to business processes and test teams to focus on testing (rather than documenting changes)
- Centralized Management View on progress across the various ALM phases
- Better Real Time Control on All Moving Parts



# Thank you.

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