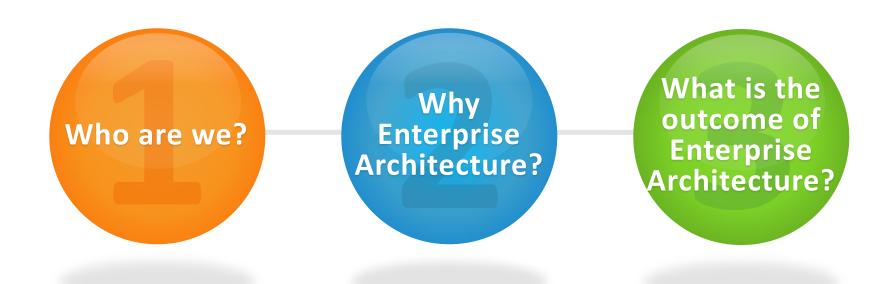




Agenda of presentation



.... journey to the Enterprise Architecture Evolution.....



Introduction



.....from the humble beginning

Introduction

Singapore

Area Size: 704 km², half the size of London

Population: 5 million

- MINDEF Information Systems Division (MISD)
 - LT COL Edlin Tan
- DSTA Masterplanning & System Architecting (DMSA)
 - Mr Tan Song Beng
 - Mr Elton Lim



Why Enterprise Architecture?

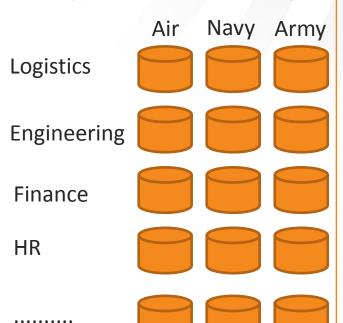


The journey of a thousand miles must begin with a single step.....

Why Enterprise Architecture?

IT Automation

(Thousand flowers bloom)



Towards Enterprise -

(Birth of EA)

1) Process Standardisation - BA

- IA

- SA

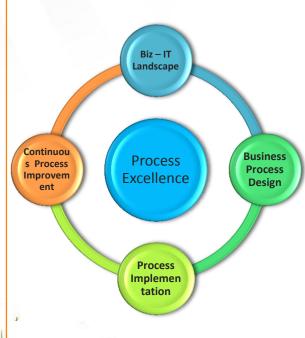
- 2) Data Integration
- 3) System Consolidation
- 4) Technology Management TA

Logistics
Engineering
Finance for all
Services

Human Resource for all services

Process Excellence

- 1) Oversight Capability
- 2) Insight Capability
- 3) Foresight Capability
- 4) Line-of-Sight Capability



Common Challenges

Lack of Oversight

- Do we have an overall view of our business and IT landscape?
- How do we know we meet the end objective?

Lack of Insight

- Do we know exactly what is the impact of a change in our Policies, Processes, People, Strategies & Systems?
- Are our resources optimised?

Lack of Line-of-sight

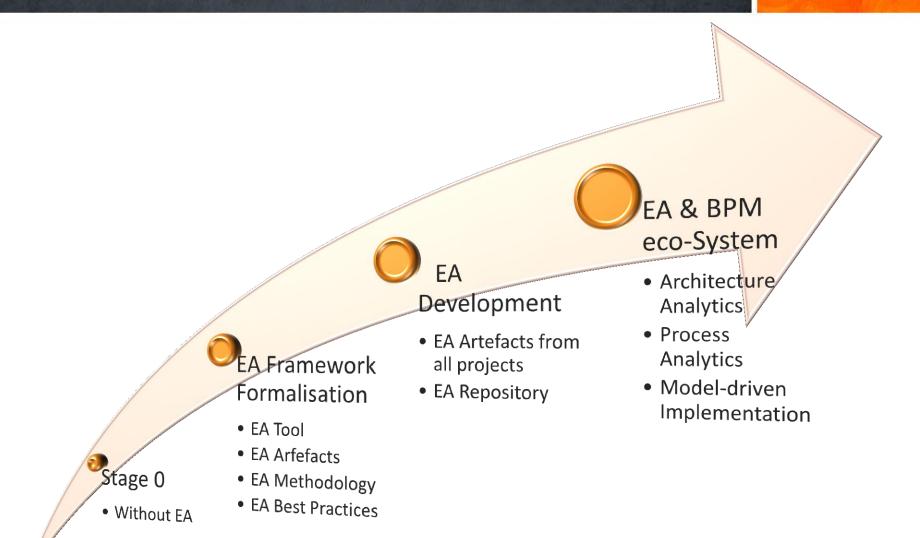
- Is the solution in our mind equal to what is going to be implemented?
- Are the processes executed according to design?

Lack of Foresight

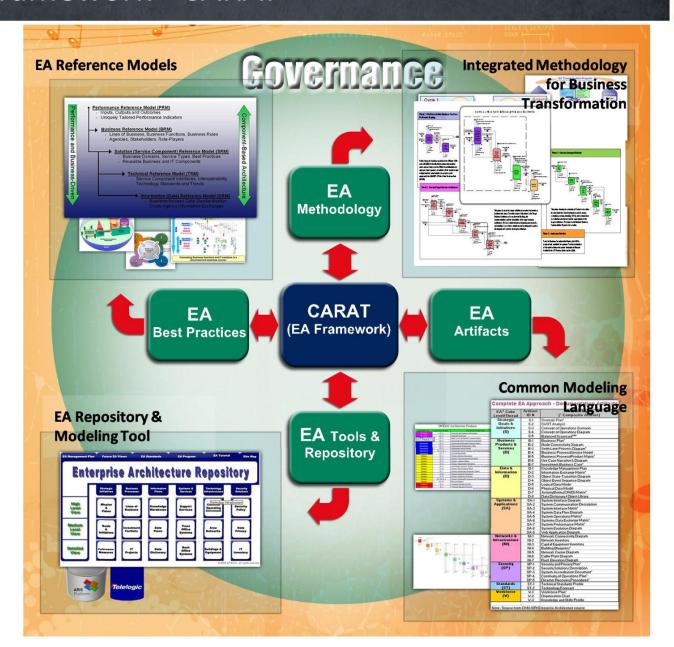
How can we be sure that our dream will be materialised before the deployment of people and system?



Evolution of EA



EA Framework - CARAT





What is the outcome of Enterprise Architecture?



Doing the right things and doing things right...

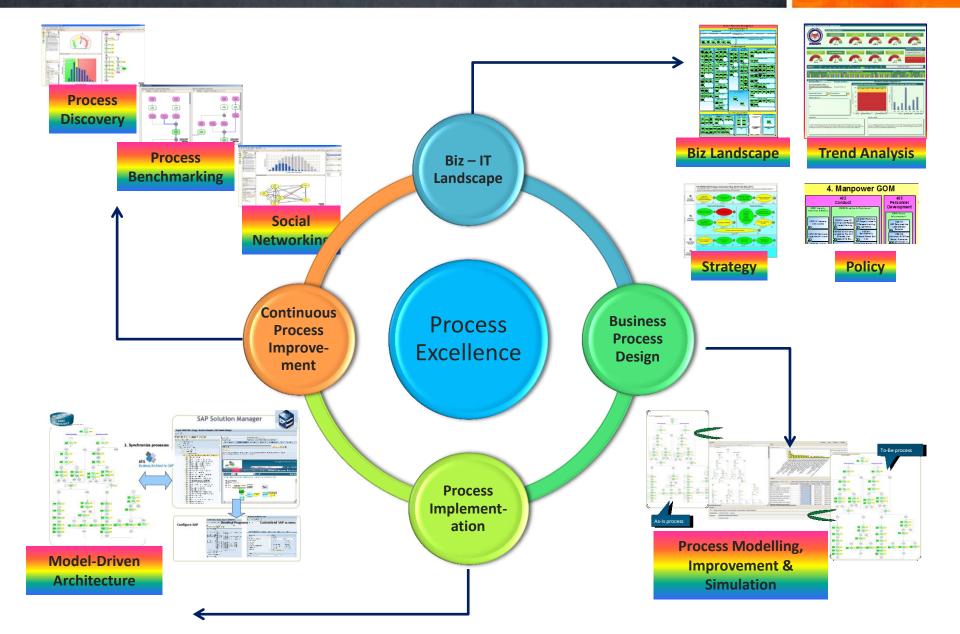
Process Excellence eco-System



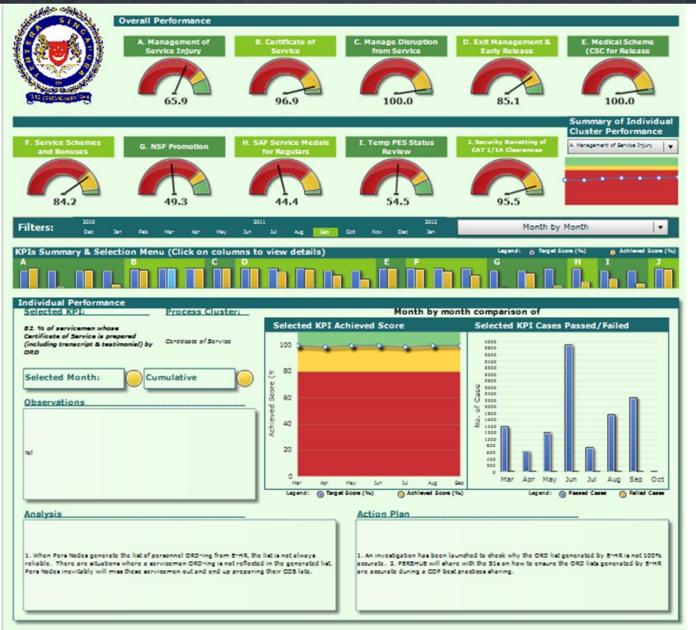
Process Excellence eco-System



Process Excellence eco-System



Oversight: Performance Dashboard

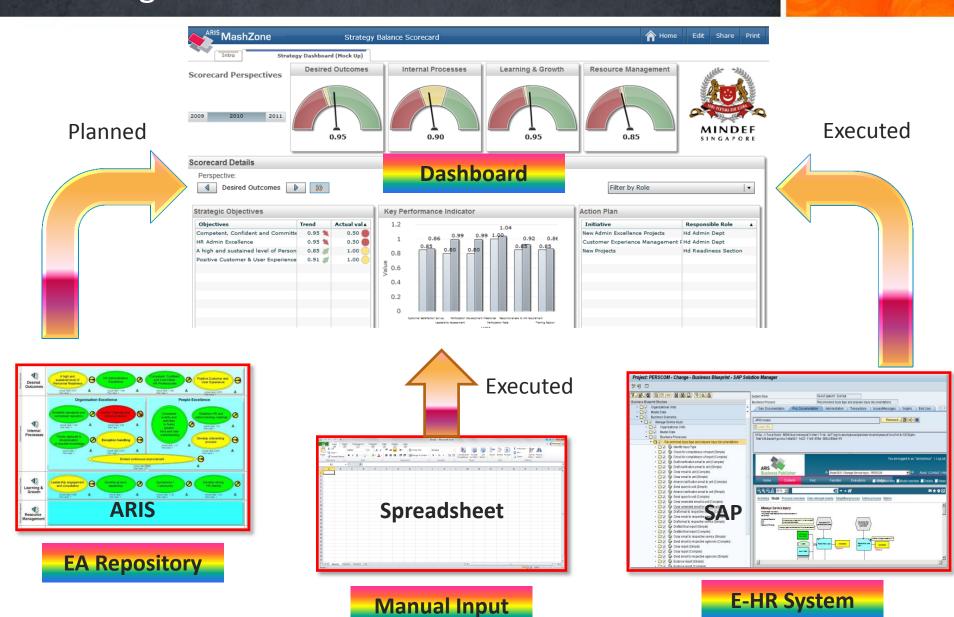


 A dashboard that is opened to everybody to monitor process performance.

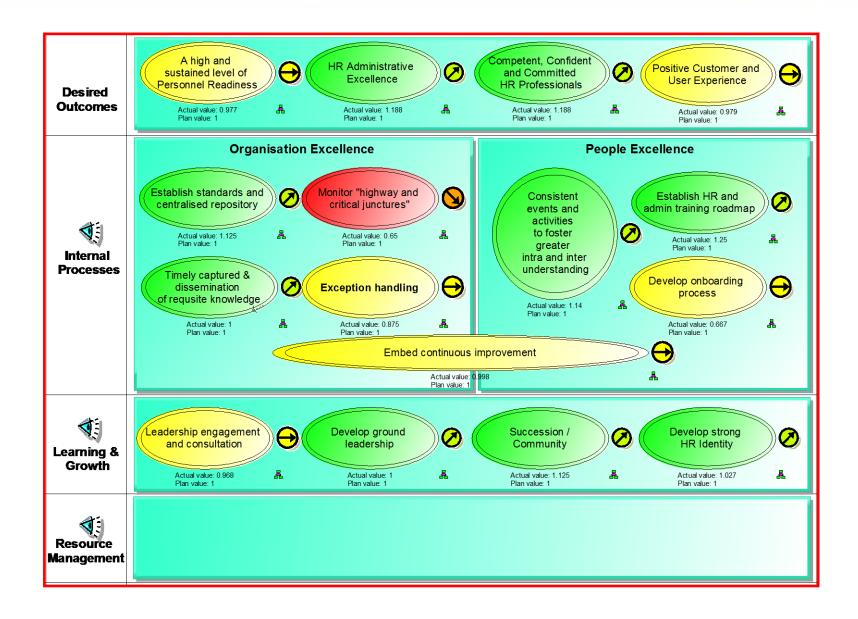
Oversight - Balanced Scorecard Dashboard



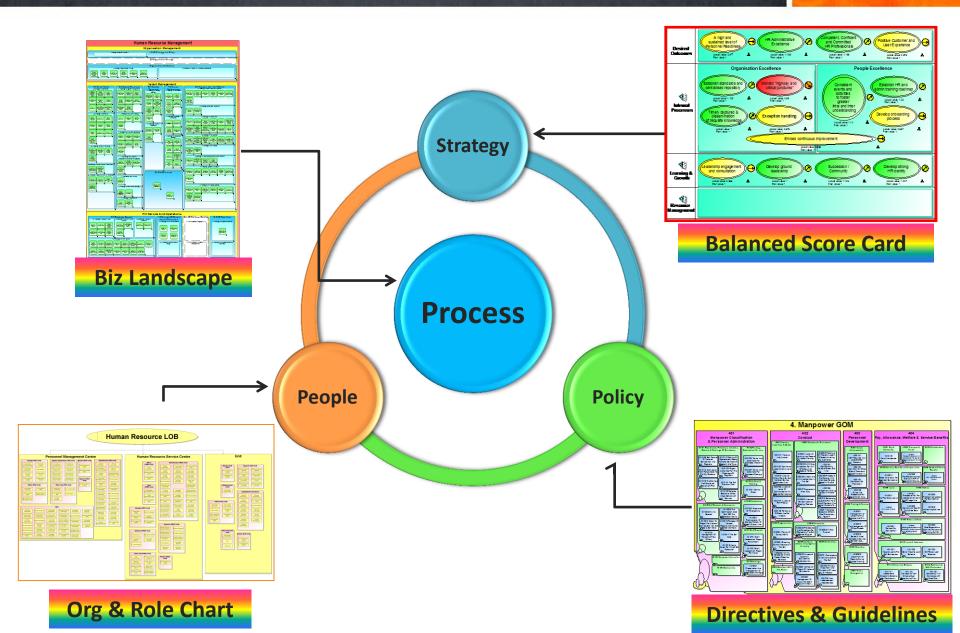
Oversight - Balanced Scorecard Dashboard



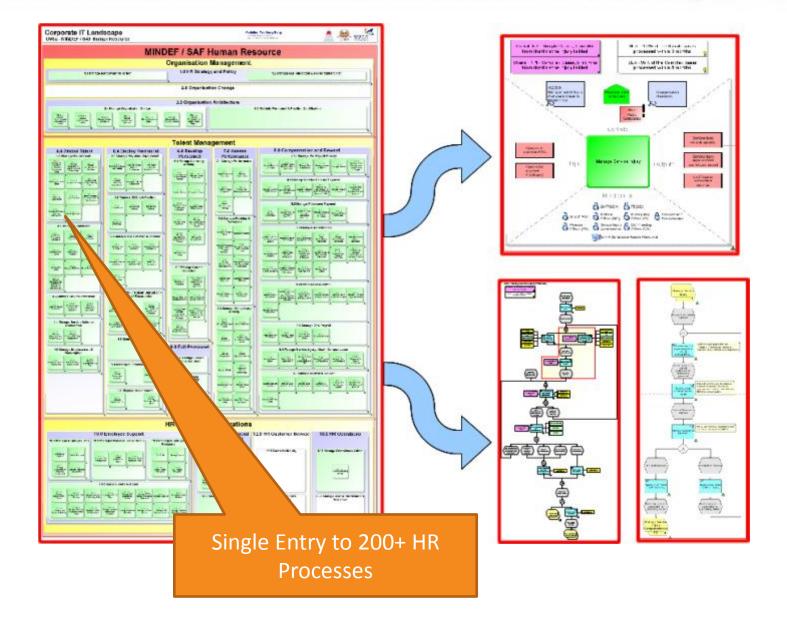
Oversight – Balanced Scorecard Analysis



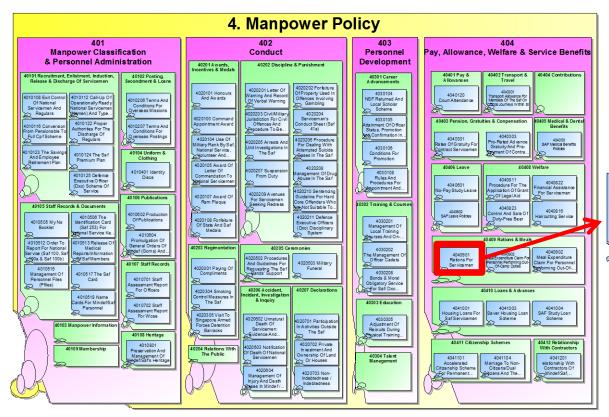
Oversight: Business Architecture



Insight (1 of 3) – Impact Analysis for Process Owners

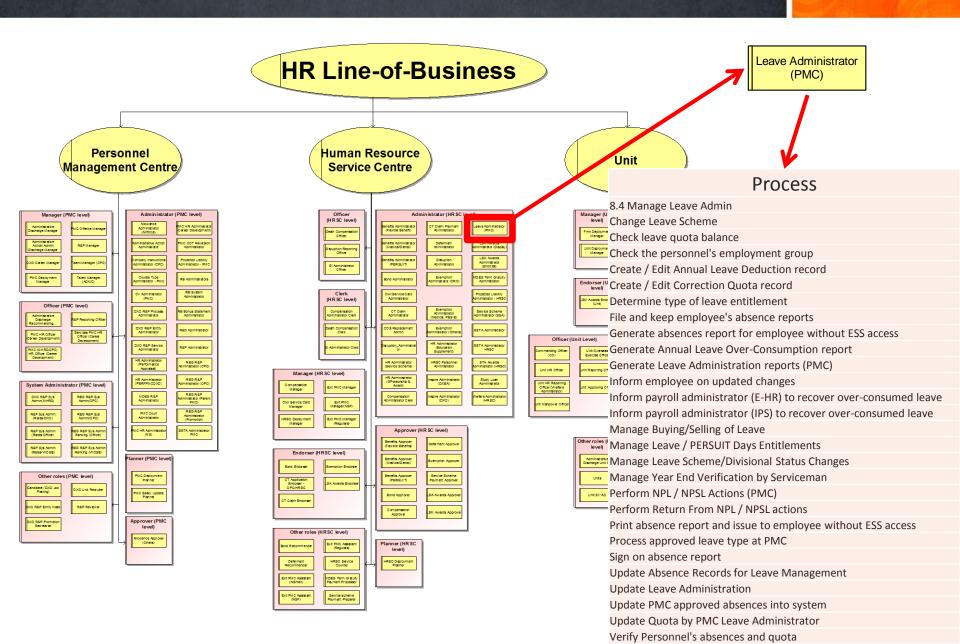


Insight (2 of 3) – Impact Analysis for Policy Owner

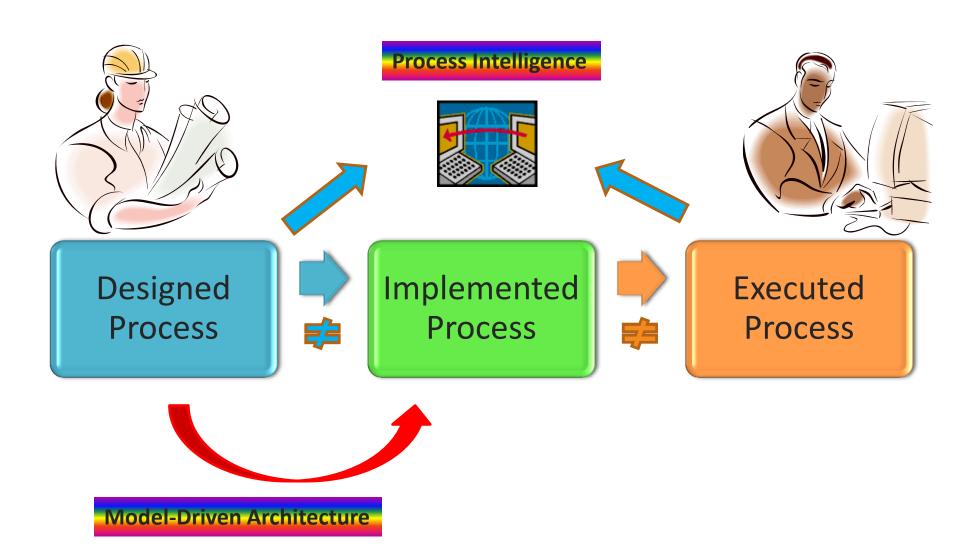


4040602 SAF Leave Policies

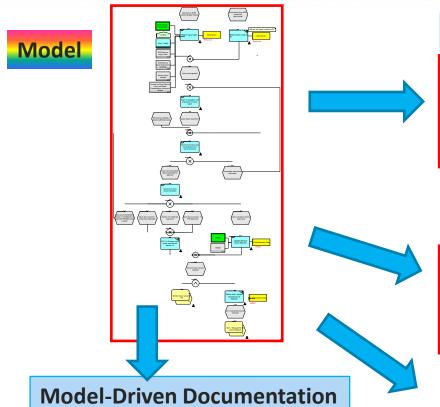
Insight (3 of 3) – Impact Analysis for **Appointment Holder**



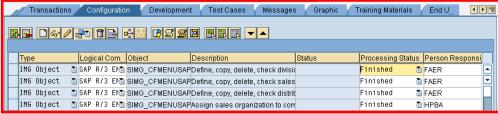
Line-of-Sight



Line-of-Sight – Model-Driven Architecture



Model-Driven Development



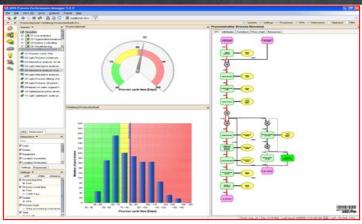
Model-Driven Testing

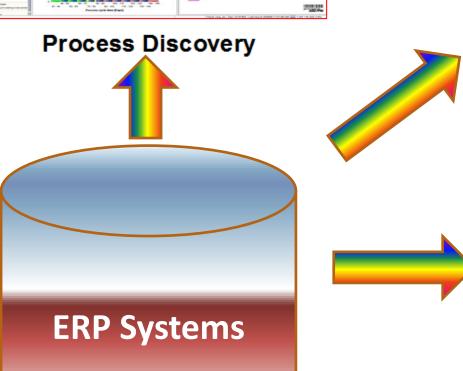
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	000040HPB#		Test UMG	0	13	0		HPBA	21.06.2007	15:04:59
	FAER1	faer1	<u>ft1</u>	0	1	0		FAER	17.07.2007	15:18:14
	UMG_DE_SA		Test UMG	1	0	12		HPBA	26.06.2007	12:28:10
	UMG_EN_SA		Test Quotation Processing	0	9	0		HPBA	22.05.2007	11:31:27
			Test Sales Order Management	0	1	3		HPBA	24.05.2007	11:20:39
			Test UMG	0	0	13	eg.	HPBA	24.05.2007	11:27:55

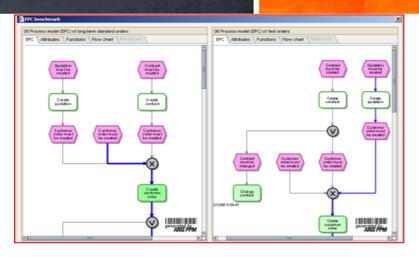
Model-Driven Training



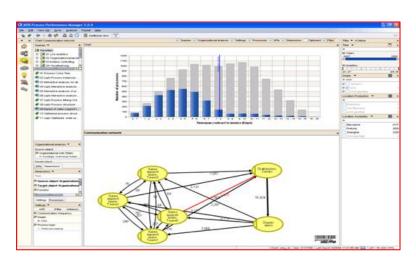
Line-of-Sight – Process Intelligence





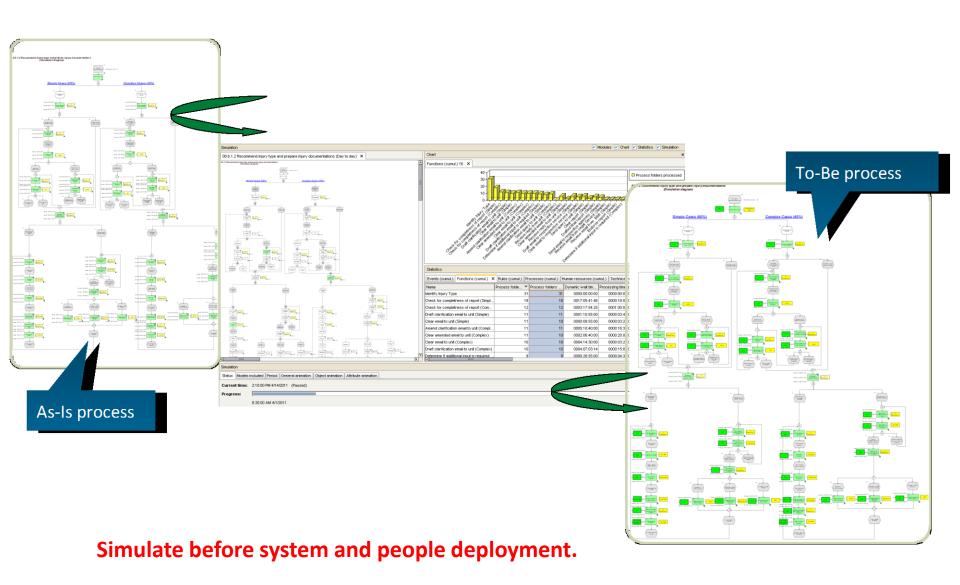


Process Benchmarking



Social Network Analysis

Foresight – Process **Simulation**



Contact List

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