IBM
Rational. software
【2009 IBM開發者大會】
開發，不只玩真的！
Real Teams. Real Insights.
Real Results.
REC

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劉正陽(Steven Liu)

台灣IBM公司軟體事業處

高級資訊工程師

Real Teams. Real Insights. Real Results.

IBM

Rational. software

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開發，不只玩真的！

不凡的策略 來自不凡的細節

--組織架構及流程分析

IBM Rational System Architect (SA) 介紹

Real Teams. Real Insights. Real Results.

REC

Organizational Leaders are Regularly Faced with Difficult Decisions

- New Corporate Initiatives
- Risk Avoidance, Governance and Compliance
- Business Process Improvement
- IT Modernization and Investment Strategies

The Pathway to Success

- For 2008 and beyond organizations are eyeing their targets
  - New Projects, Solutions, and Initiatives
- To succeed in these complex environments you must minimize disruption to current environment
- Enterprise Architecture can provide a set of consistent behaviors and practices that ensure success
- Work with the “big picture” for
  - Collaboration
  - Risk Avoidance
  - Best Practices
  - Decision Support
  - Reuse

Telelogic Gets You There With Confidence

- SOA
- BPM
- Governance
- Compliance
- Mergers
- IT Planning
- Disaster Recovery
- Etc.

Enterprise Planning

- Time Phased Visual Analysis
- Enterprise Collaboration
- Impact Analysis
- Relationship and Enterprise Reporting

Enterprise Planning

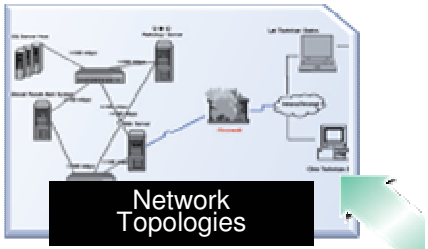
- Risk Avoidance
- Empowered Decisions
- Successful Projects
- Streamlined Processes
- Business and IT Alignment

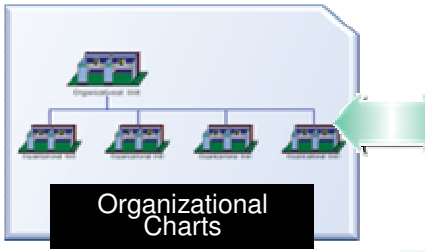
Telelogic Enterprise Architecture Solutions

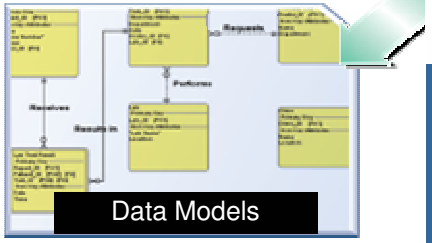
See Where You've Been
Know Where You are Going
Get There with Confidence

Telelogic System Architect

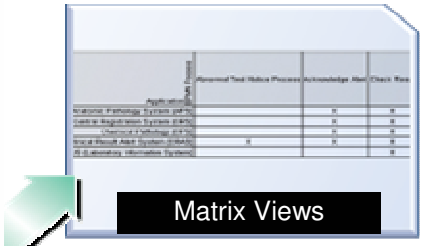
Leading Enterprise Architecture and Business Process Analysis Tool

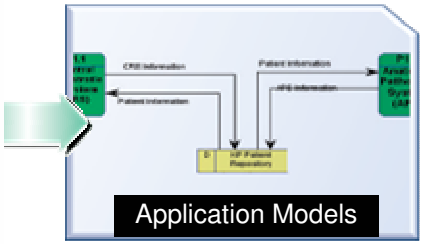






Telelogic System Architect® has been positioned in Gartner's EA Leaders Quadrant two years running

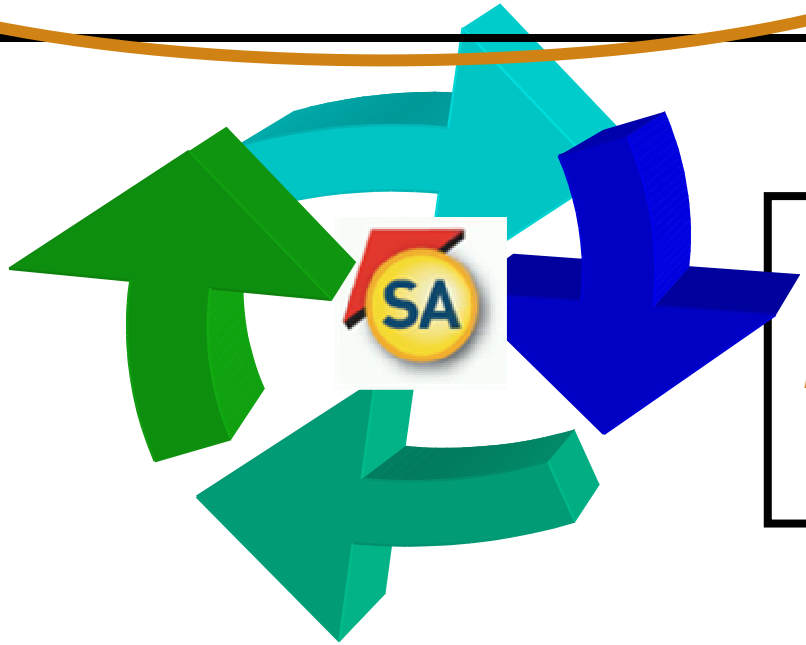




The Telelogic Approach to Enterprise Architecture

Create an Organizational Blueprint

Understand the current structure of the organization, it's business, it's information



Share the Results

A common resource for empowering informed decisions

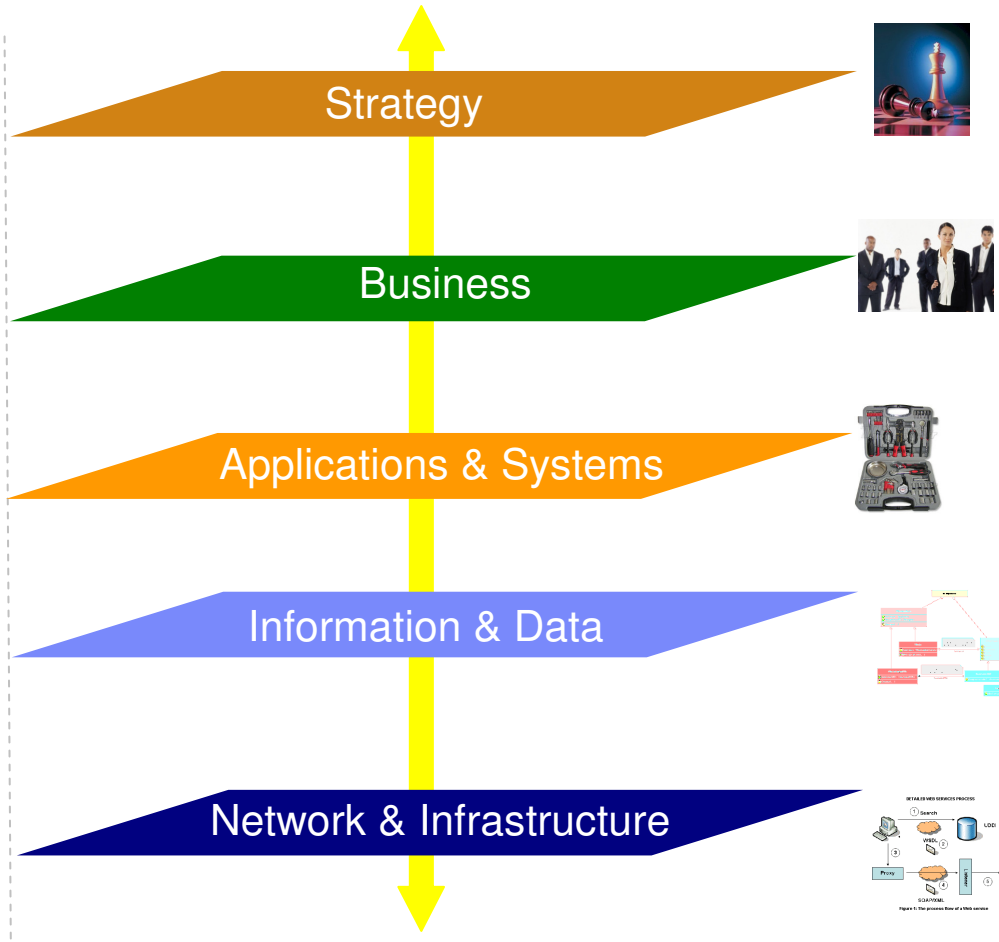
Analyze and Optimize

Identify, Create, and Optimize for continued improvement

What Challenges Are We Facing

Show Impact, Identify Risk, and Intelligently Walk the Organization Through Change

Enterprise Architecture

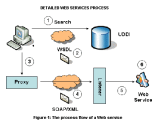


Define the Enterprise Strategy, goals and Objectives : What to do, and how to do it?

Business Processes : support the strategy, Operational organization

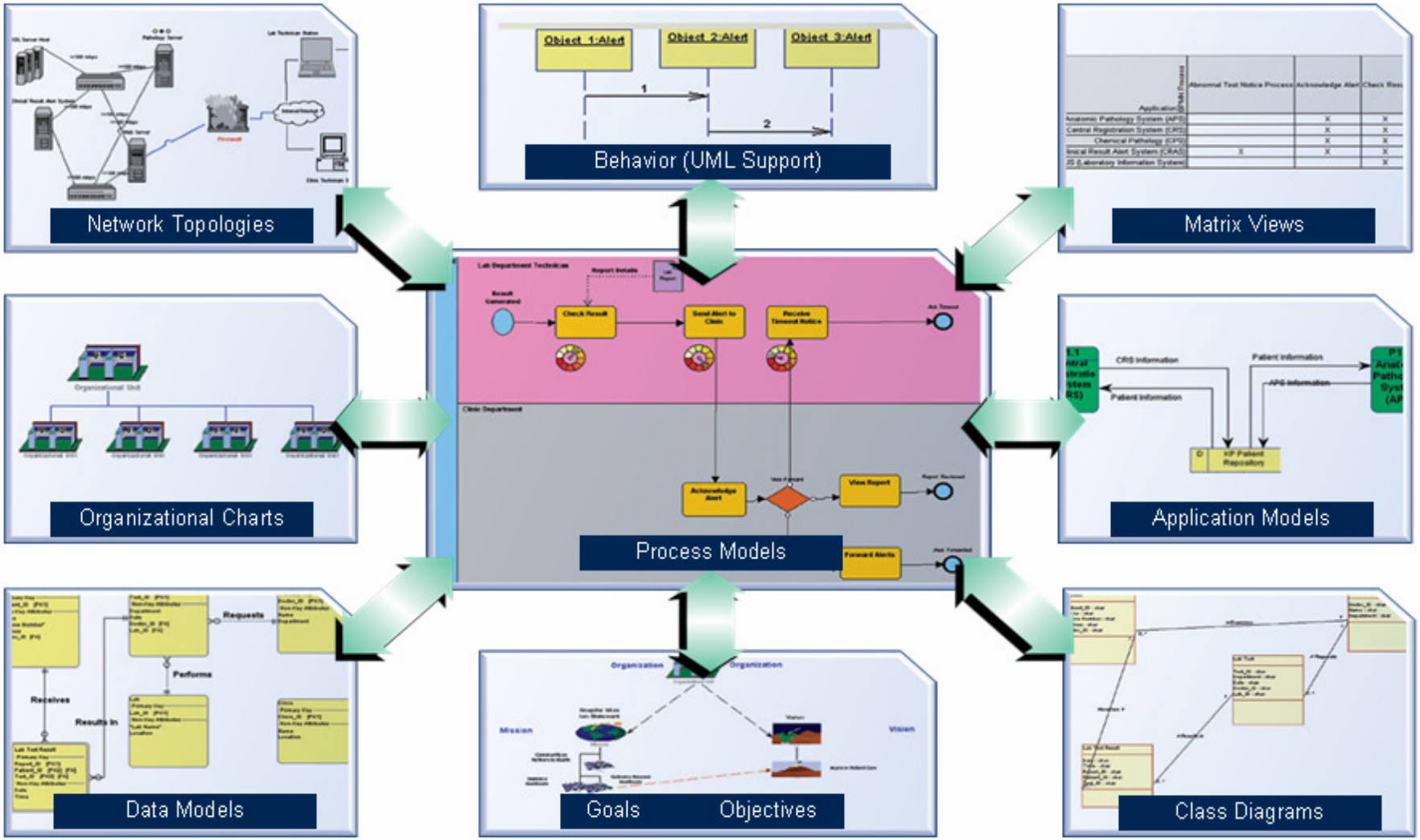
The Applications support the Business, implement the business functions in the IT systems

The Information is key for the organization : It is the fuel that drives the architecture



Infrastructure that supports the IS:
-Technical components: servers, networks, etc.
-Technology: platforms, etc.

Capture and Model all Domains of the Organization



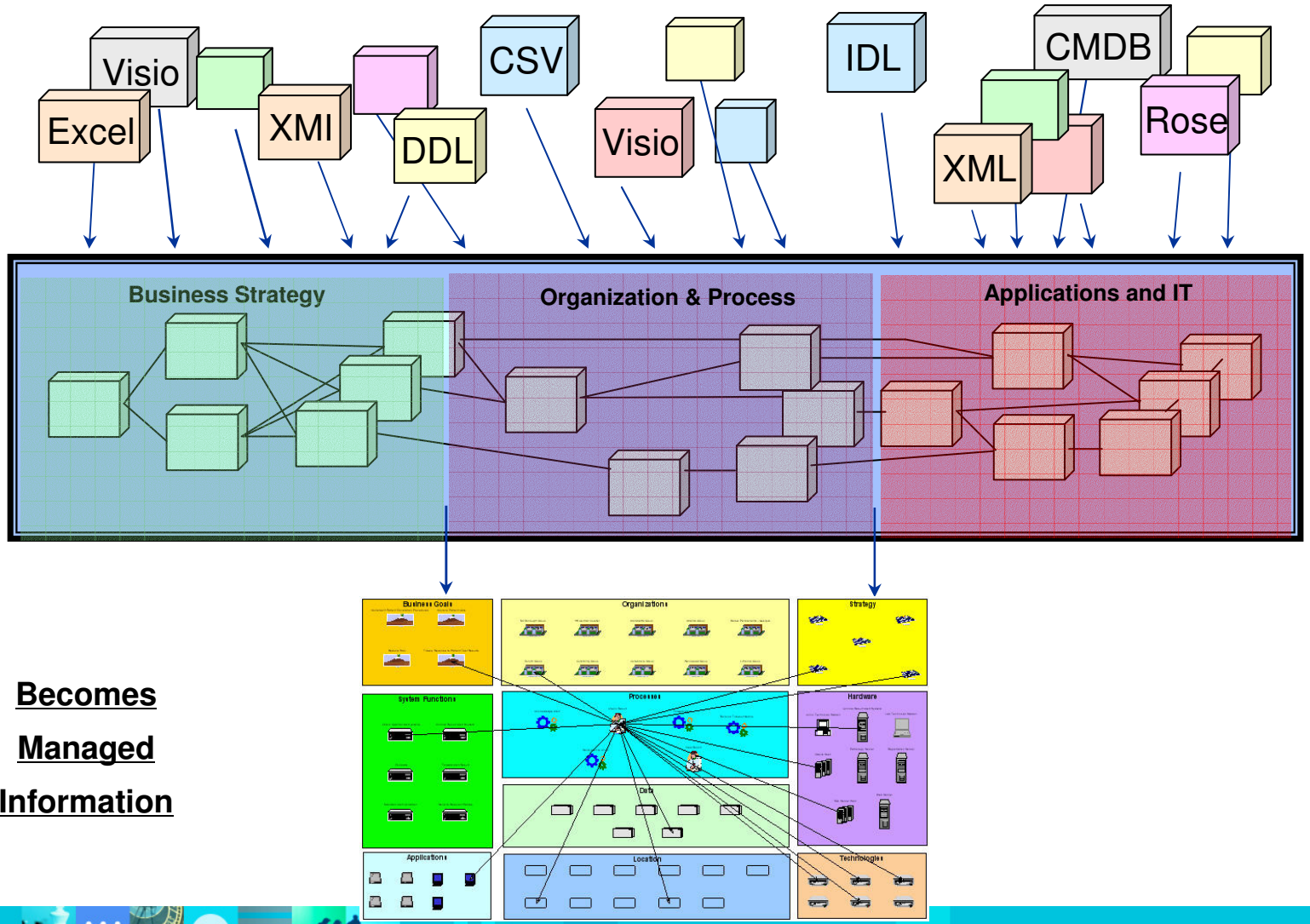
Create an Organizational Blueprint

Leverage Your Existing Information

Disparate Data

In The System Architect Repository

Becomes Managed Information



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Build Relationships and Perform Gap Analysis

- **Create** dependencies
- **Visualize** gaps in the organization.
- **Update** the project directly from the Matrix.
- **Customize** and create your own view

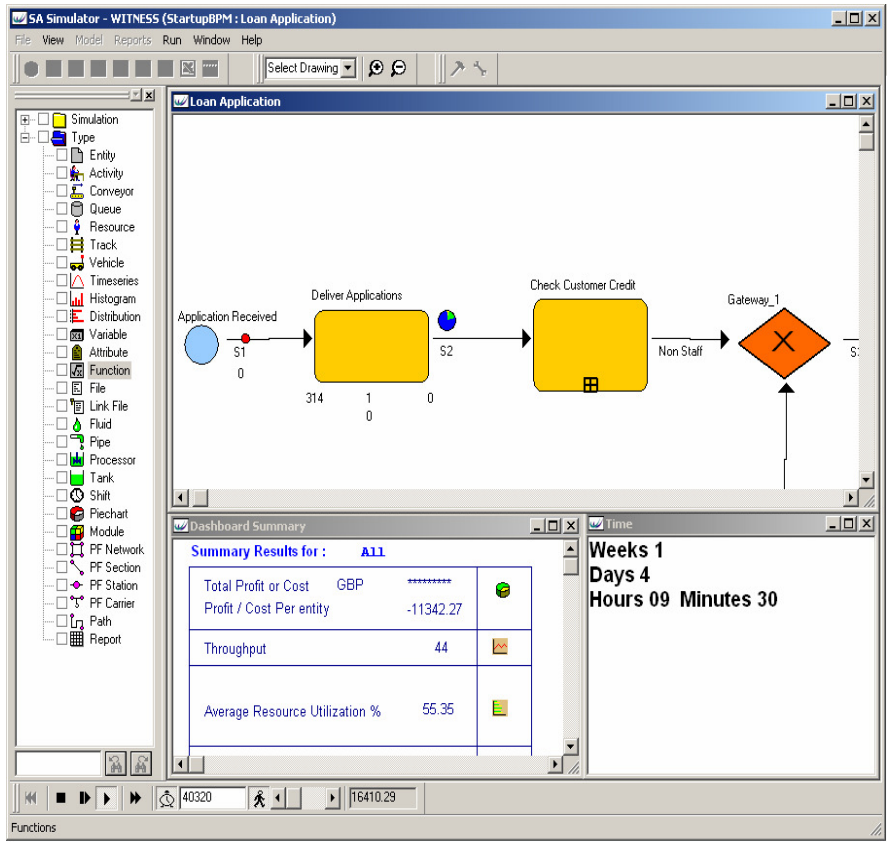
Application / Elementary Business Process	Answer Phone	Business Case Routed for Approval	Calculate Room Price	Check Payment Details	Check Reservation Details	Check Room Availability	Examine Period to Accom Date	Inform Customers Company	Make Cancellation Charge	Make Full Room Rate Charge	Make Percentage Room Rate Charge	NewProcess	Process Room Booking	Process_1	Reserve Room	Release Room	Reservations and Booking Funcs	Reserve Room	Store Customer Details	Take Payment Details	Test 1
Credit Card Booking															X						
Credit Card Booking	X		X		X		X											X	X	X	
Customer Maintenance																			X		
Hotel Maintenance																					
Order Entry	X		X		X																
Reservations			X		X	X										X		X	X	X	
VendorConnection			X																X		
new application																					

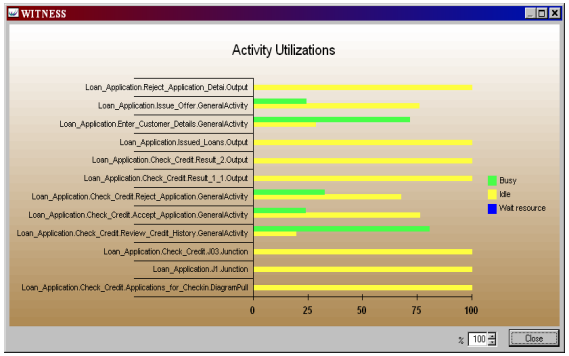
Application / Role	Accounts Clerk	Application Engineering	Assistant	Booking Coordinator
Application_1	ReadOnly		Create/Delete	Read/Write
BHIS System		Create/Delete	ReadOnly	Read/Write
Billing Application	Create/Delete	ReadOnly	ReadOnly	
Course Management		Create/Delete	ReadOnly	
Credit Card Booking	Read/Write		ReadOnly	Create/Delete
Customer Maintenance	Read/Write	ReadOnly		
DOORS		Create/Delete		Create/Delete
External Customer login		Read/Write		

Perform Gap Analyses

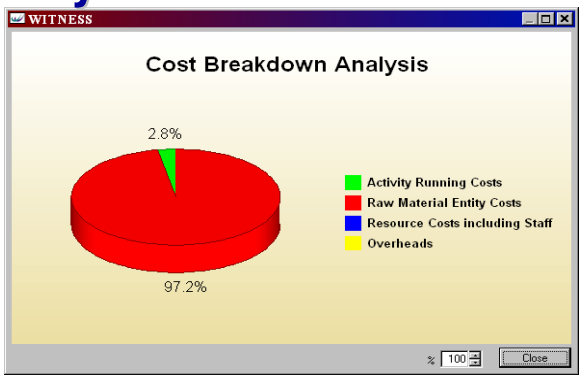
What Processes are not Automated?

Simulate and Optimize Processes





Analyze resource utilization



Determine cost structures

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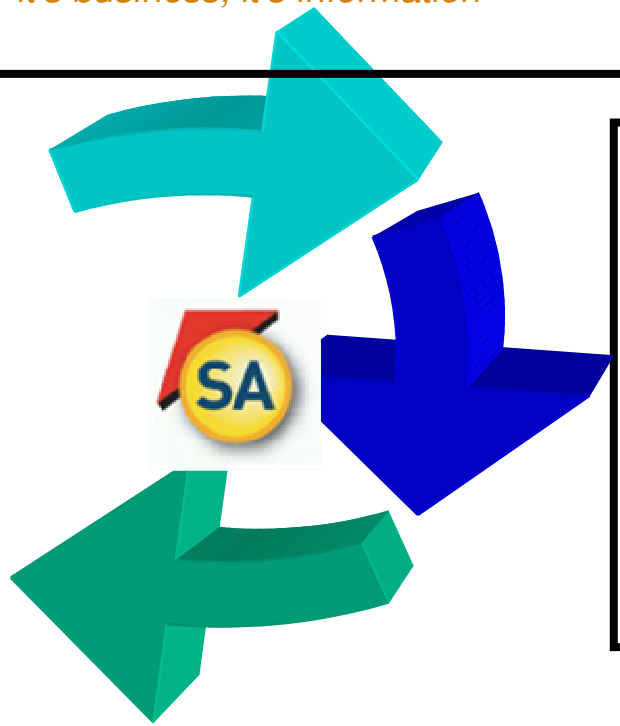

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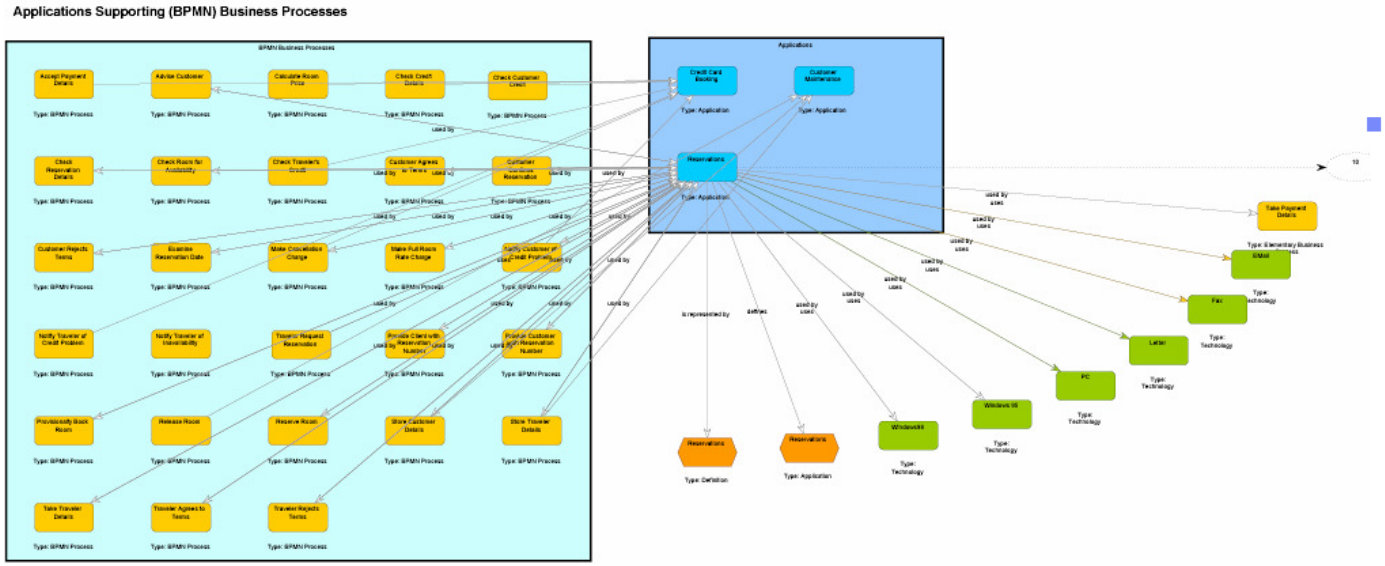
What Challenges Are We Facing

Show Impact, Identify Risk, and Intelligently Walk the Organization Through Change

Impact Analysis and Reuse Reporting



- **Visualize** and understand the impact of change

- **Landscape Reports**
  Communicate project information

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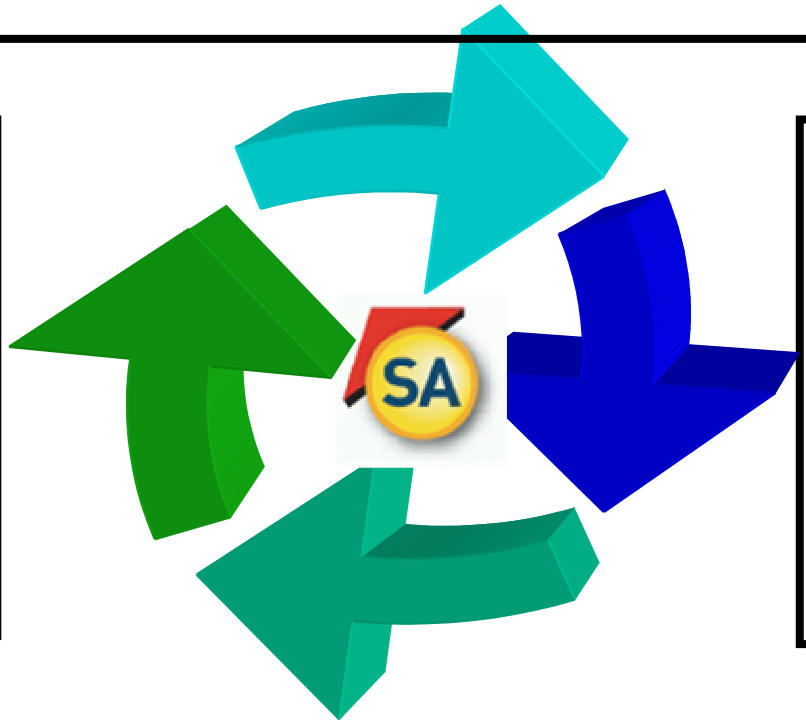

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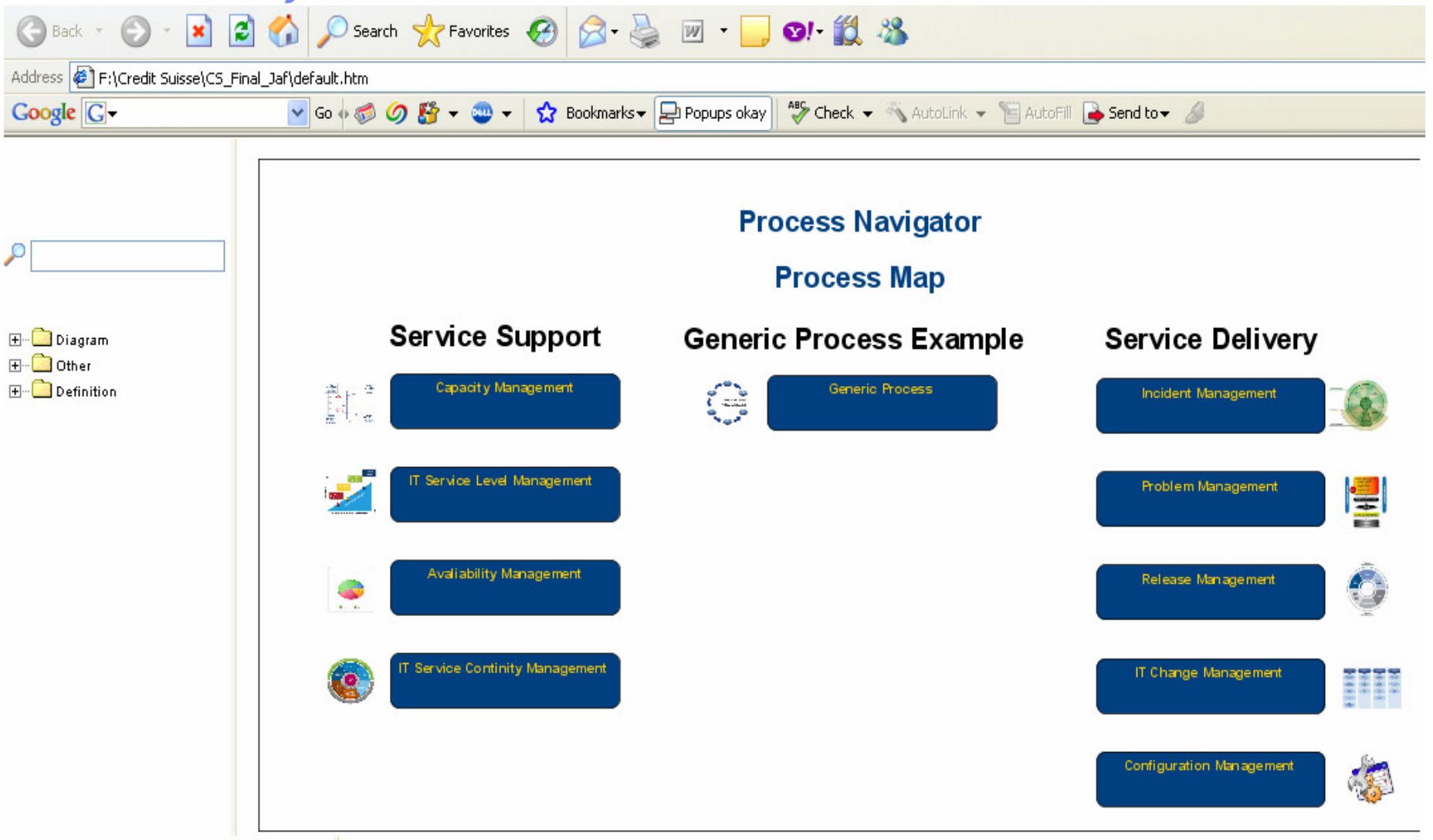
System Architect / Publisher

The Portal of your Information



Thank
You