



Extended Enterprise Architecture

Sam Ishak P.Eng Director, Strategy & Enterprise Architecture First Canadian Title

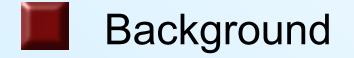
Feb 3rd 2009

21st Enterprise Architecture Practitioners Conference – San Diego

Sam Ishak











Business Objective



Solution Approach





- Sam Ishak, Director, Strategy and Enterprise Architecture of First Canadian Title. Previously, he was the Enterprise Architect of Insurance Bureau of Canada (IBC)
- Certified Master IT Architect by the Open Group, TOGAF 8 certified.
- Mr. Ishak is the Treasurer of the Toronto Chapter of the Association of Open Group Enterprise Architects (AOGEA)
- Mr. Ishak has a B.Sc. degree in computer science and he is Licensed Professional Engineer of Ontario (PEng.)

Feb 3rd 2009

21st Enterprise Architecture Practitioners Conference – San Diego



Background

- First Canadian Title is Canada's leading provider of title insurance, and other related products and services for residential and commercial real estate transactions.
- Founded in 1991 and based in Oakville, Ontario, Canada
- □ First Canadian Title employs approximately 1000 people
- Its customers include more than 15,000 lawyers and notaries nationwide, every major Canadian chartered bank, credit unions, other lending institutions, real estate agents, mortgage brokers and builders.



Introduction

Case Study:

Extended Enterprise Architecture

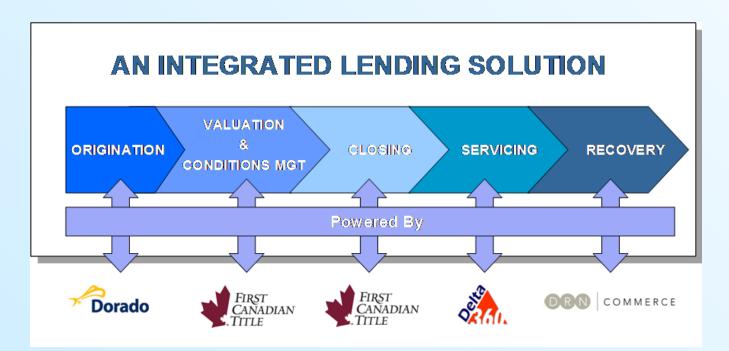
"How can you deliver business services that go beyond the boundary of your Enterprise?"



Business Objective

□ This initiative started with the following statement:

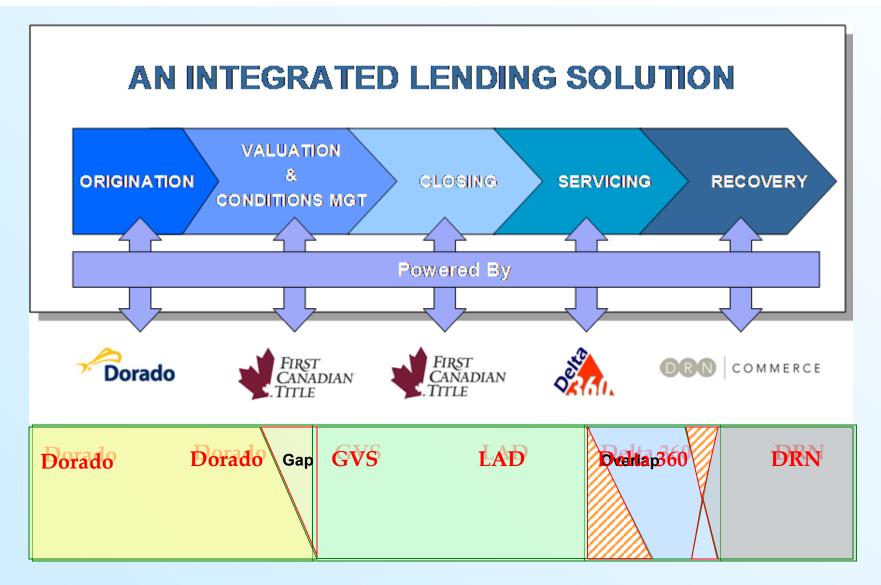
"How we can partner with three companies to provide Integrated Lending Solution to maximize our offerings to our lender customers?"



21st Enterprise Architecture Practitioners Conference – San Diego



Business Objective









Analyze Decide Automate

- High Level Current Business Process Modeling (AS IS)
- Identify Different Order Scenarios
- Model the Target Integrated Business Process

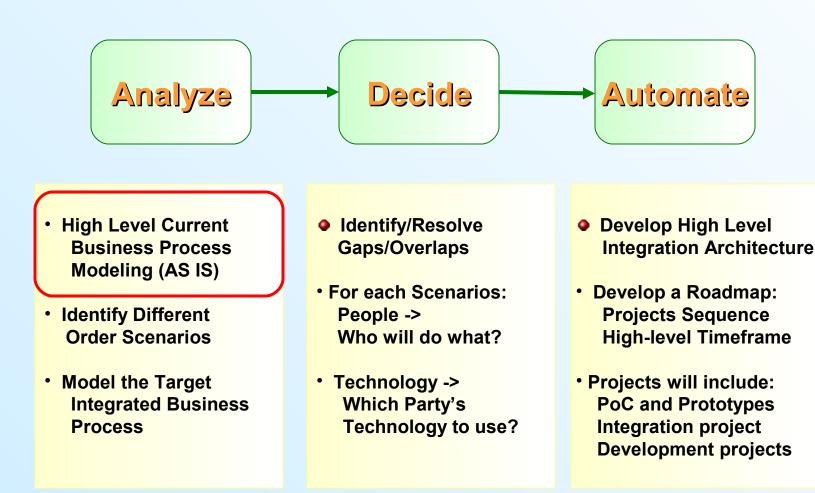
- Identify/Resolve Gaps/Overlaps
- For each Scenarios: People -> Who will do what?
- Technology -> Which Party's Technology to use?

- Develop High Level Integration Architecture
- Develop a Roadmap: Projects Sequence High-level Timeframe
- Projects will include: PoC and Prototypes Integration project Development projects

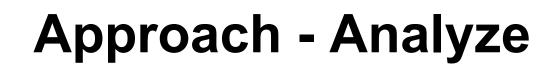














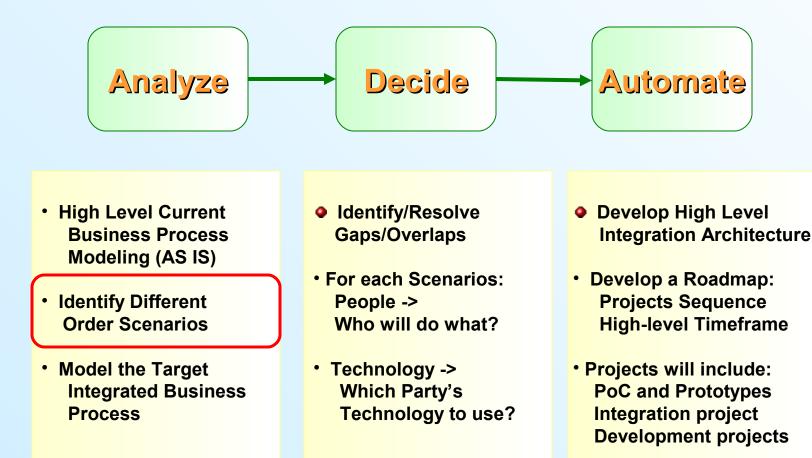
High Level Current Business Process Modeling (AS IS)

High Level Lending Business Process												
		POS 🔪	Processing / Underwriting	Closing/Funding Post Closing (QC) 🔰								
Ltender	Last Phone Cal Phone Cal Vola in Vola	Accessed Create Los Discoury Conditions Discoury Conditions Discoury Doct	Flood Checo Bect Underwrting Ruide Order Tite Get Tite	Vivio Transfer May to for 3° parts Prepare Closing 3 st. Final Review Snipping Handover to Services								
	OrderSet 35E Lean Approve	Gree	-бет 655 Артона Артона Артона	Crder-Get GSC Loan Approva								
Corado				Luting Wirt's								
3 rd Party		Provide Closing Bas	Provide A VM / Approise	Others Provide Clasing Dev Service Service Service								
Title Service Providers			Provide Stard Resource									
GSE	Provide GSE Lean Approva	. Pou Lian	de θSε Αρτενγ	Provide GSE Loar Approve								

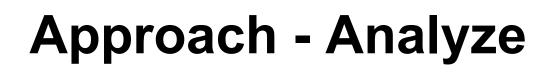






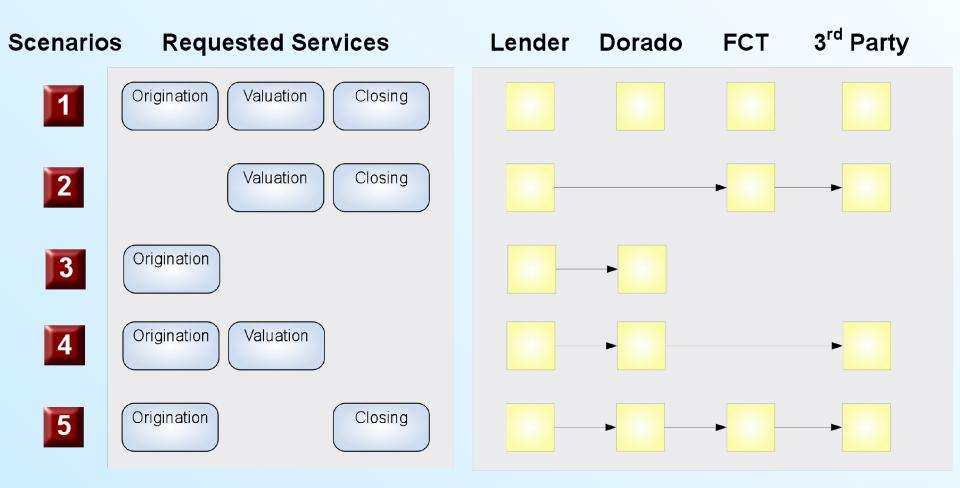




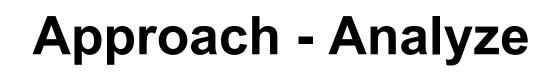




✓ Identify Different Order Scenarios

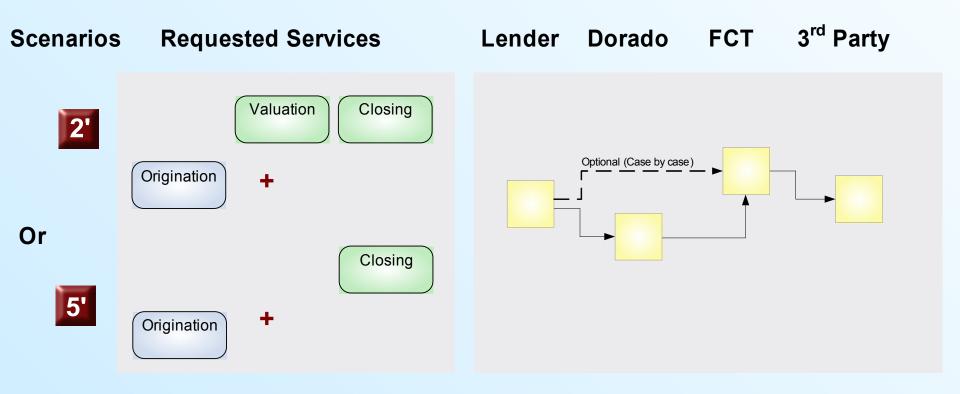








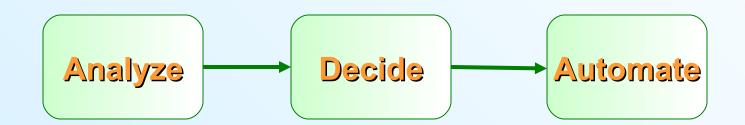
✓ Identify Different Order Scenarios (Continue ...)





Approach - Analyze



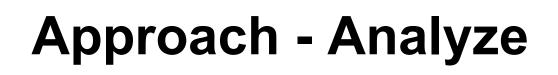


- High Level Current Business Process Modeling (AS IS)
- Identify Different
 Order Scenarios
- Model the Target Integrated Business Process

- Identify/Resolve Gaps/Overlaps
- For each Scenarios: People -> Who will do what?
- Technology -> Which Party's Technology to use?

- Develop High Level Integration Architecture
- Develop a Roadmap: Projects Sequence High-level Timeframe
- Projects will include: PoC and Prototypes Integration project Development projects







- Model Target Integrated Business Process Utilizing Agreed Upon Guiding Principles:
 - Integrated Lending Solution will provide Menu of Service
 - Seamless Business Process for our Customer
 - Capture Data Once
 - Single Point of Contact
 - Leverage the Core Competencies of each Partner
 - Minimized Redundancy & Integration
 - Minimized Time to Market



Approach - Analyze





- High Level Current Business Process Modeling (AS IS)
- Identify Different Order Scenarios
- Model the Target Integrated Business Process

- Identify/Resolve Gaps/Overlaps
- For each Scenarios: People -> Who will do what?
- Technology -> Which Party's Technology to use?

- Develop High Level Integration Architecture
- Develop a Roadmap: Projects Sequence High-level Timeframe
- Projects will include: PoC and Prototypes Integration project Development projects



Approach - Decide



✓ Resolve Gaps/Overlaps

Loan Business Process	Optional?	People			Technology			
Loan Busiliess Flocess		Lender	DRN	FCT	Dorado	Delta360	DRN	FCT
Origination								
Loan Initiation								
Request Credit Report								
Search Qualifying Products								
Order Mortgage Insurance								
Loan Processing								
Order Valuation								
Apply Underwriting Rules								
Prepare the Commitment Letter								
Collect Supporting Docs								
Order Title Insurance								
Process Title Insurance								
Order Title Search								
Closing								







- High Level Current Business Process Modeling (AS IS)
- Identify Different Order Scenarios
- Model the Target Integrated Business Process

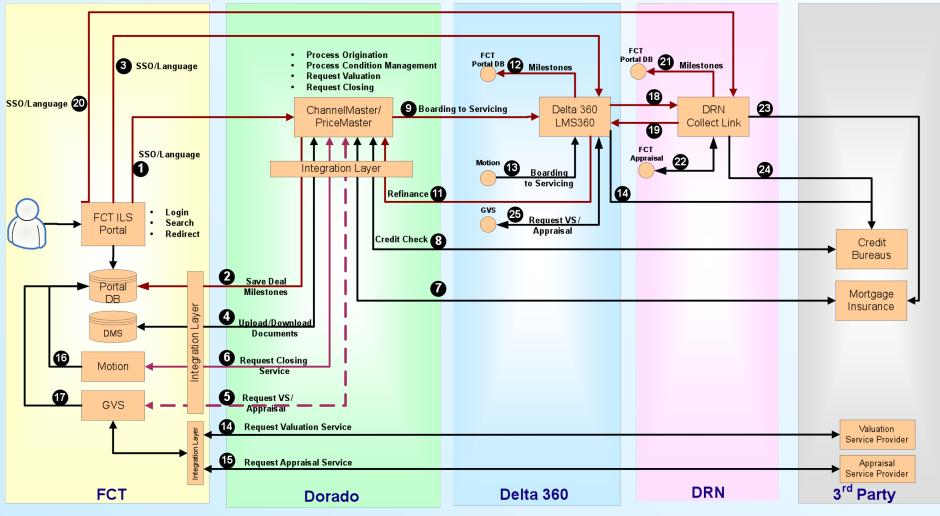
- Identify/Resolve Gaps/Overlaps
- For each Scenarios: People -> Who will do what?
- Technology -> Which Party's Technology to use?

- Develop High Level Integration Architecture
- Develop a Roadmap: Projects Sequence High-level Timeframe
- Projects will include: PoC and Prototypes Integration project Development projects





✓ ILS Sample Integration Architecture Artifact

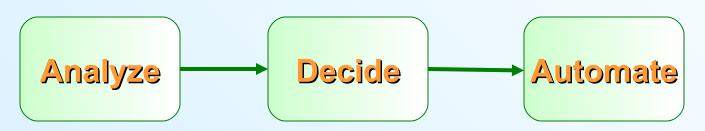


21st Enterprise Architecture Practitioners Conference – San Diego

Sam Ishak







- High Level Current Business Process Modeling (AS IS)
- Identify Different Order Scenarios
- Model the Target Integrated Business Process

- Identify/Resolve Gaps/Overlaps
- For each Scenarios: People -> Who will do what?
- Technology -> Which Party's Technology to use?

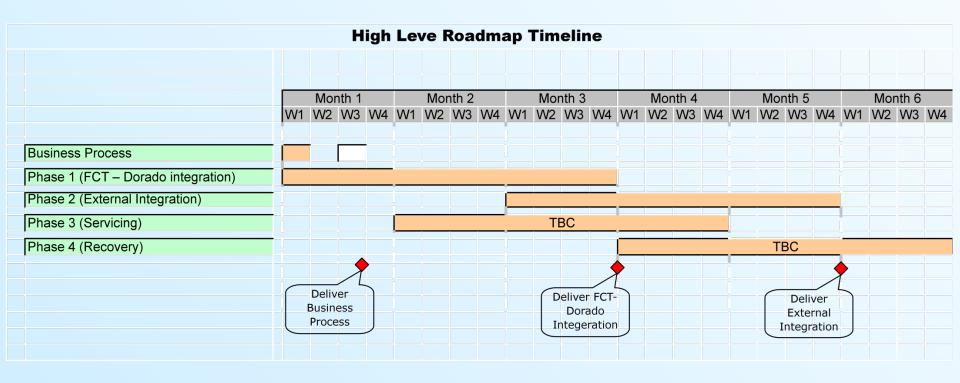
- Develop High Level Integration Architecture
- Develop a Roadmap: Projects Sequence High-level Timeframe
- Projects will include: PoC and Prototypes Integration project Development projects







✓ Sample Roadmap



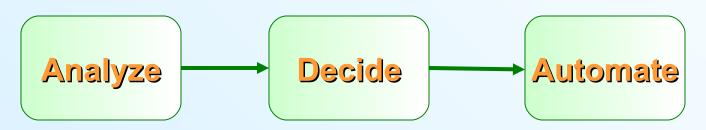
Feb 3rd 2009

21st Enterprise Architecture Practitioners Conference – San Diego

Sam Ishak







- High Level Current Business Process Modeling (AS IS)
- Identify Different Order Scenarios
- Model the Target Integrated Business Process

- Identify/Resolve Gaps/Overlaps
- For each Scenarios: People -> Who will do what?
- Technology -> Which Party's Technology to use?

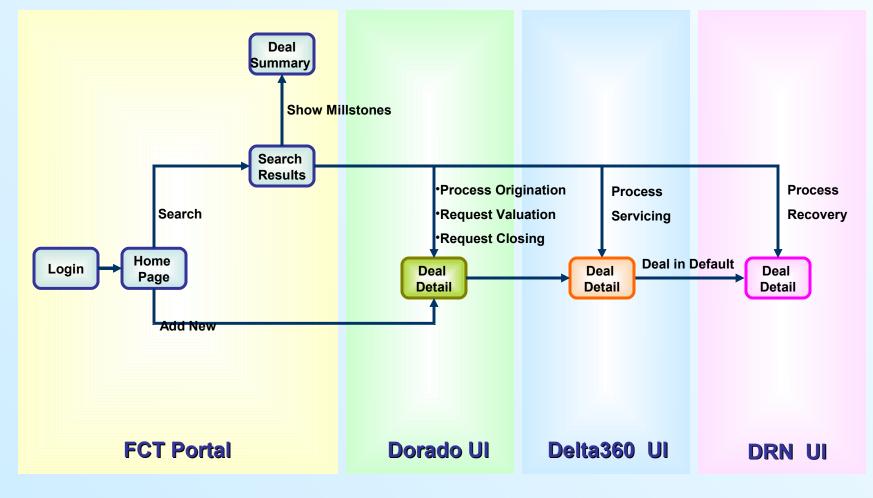
- Develop High Level Integration Architecture
- Develop a Roadmap: Projects Sequence High-level Timeframe
- Projects will include: PoC and Prototypes Integration project Development projects



CANADIAN Approach - Automate



✓ Sample Storyboard - POC



21st Enterprise Architecture Practitioners Conference – San Diego





- How can you deliver a business services that go beyond the boundary of your Enterprise?
 - Ieverage the three steps approach Analyze, Decide, then Automate
- Questions & Answers

Thanks for Listening

For more information, feel free to contact Sam Ishak at:

SAISHAK@FIRSTCDN.COM

Feb 3rd 2009

21st Enterprise Architecture Practitioners Conference – San Diego

Sam Ishak