



Enterprise Architecture @ Sun Microsystems

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Introduction

- Wayne Horkan – CTO for the UK & Ireland

Contents

- The 3 major uses of EA @ Sun Microsystems
 - > Including multiple case studies
- Best Practises & Summary
- Q & A

The 3 major uses of EA @ Sun

- Internally – for ourselves
- Externally – for our customers / client
- Pre-sales – customer analysis

EA used internally @ Sun

- EA introduced into Sun by Bill Vass, our ex-CIO
 - > Bill was previously at the DoD, in the CIO's office
 - > Championed and promoted the use of EA within Sun
 - > Created a Sun EA Strategy & Playbook
- We use a modified version of DoDAF for our EAF
 - > DoDAF – the pre-cursor to TOGAF + we use some TOGAF
- EA Office reports to Bob Worrall, our current CIO
 - > Co-ordinates with Sun's ITops

Sun Internal EA has delivered...

- An EA of Sun's IT Ecosystem
 - > Which in turn has helped deliver...
- Project Helios (now "in production" business system)
 - > Asset Management evolved
- Project IBIS
 - > Integrated Business Information Solution
 - > 1,000+ applications into 1 instance of ORACLE Financials

EA used externally for Sun customers

- Why customers involve Sun in their EA teams:
 - > Vendor Representation
 - > Decision Validation
 - > Trust
 - > Reliance on a Sun technical stack
 - > Specialised knowledge, experience or relationship

EA used externally for Sun customers

- We support our customers EA teams and:
 - > Demonstrate Value
 - > Get a Better Understanding
 - > Reduce Risk

EA used externally for Sun customers

- Three case studies
 - > A large Utility company
 - > A large Government department
 - > A large Government organisation

A large Utility company

- When EA goes bad
- £1.6B per annum revenue utility company
- Problems with EA practise:
 - > Over Data Driven
 - > Not Inclusive – “Ivory Tower Syndrome”
 - > Lack of clear objectives
 - > A £80M project – CANCELLED with 400 job losses
 - > Lack of Senior Sponsor / No Management Visibility

A large Government department – I

- EA & SOA
- Processes £450B per annum
- Legacy EA model
 - > based on Business Process modelling
 - > Lack of understanding of the IT / IS eco-system
- To deliver an SOA transformation roadmap
 - > Rapid delivery of a light weight, yet inclusive EA
 - > Interviewing & direct involvement across business units

A large Government department – II

- Combining SOA & EA allowed us to build SOA Transformation Roadmaps which showed us:
 - > Functionality Delivered / Not Delivered
 - > Cost to Implement / Savings
 - > Complexity to Implement / Simplicity
 - > Non Functional, but Strategic & Reusable Components

A large Government Organisation

- “It’s about the People, Stupid !”
- Circa 1M staff, across a distributed organisation
- Situation:
 - > Project in escalation
 - > Tempers running high
- Resolution:
 - > Review & Rebuild Governance Structure to map to Customers

EA & Customer Analysis

EA & Customer Analysis

- Use EA to analyse customer IT / IS estates
 - > Identify Sun & competing technologies throughout the estate
 - > Identify Knowledge gaps on our side
 - > Identify possible sales campaign targets
 - > Identify barriers to adoption & impact on the Customers IT / IS estate
- Sun Light-weight EA Framework (LEAF)

Best Practises / Summary

- EA must be delivery focused
- Don't labour it
- Inclusive
- Rotation
- Get the right Technology skills mix
- Sponsorship, Sponsorship, Sponsorship
- Keep aligned to the Business Strategy board

Where to get help from Sun re: EA

- Your account team – if you have one
 - > Reference this event & me too
- Alternatively – myself
 - > I'll get you in touch with the appropriate Industry Sector / Partner chief technologist
 - > Or work with you directly

Q & A

- Contact details:
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