

Smarter systems for a smarter planet.

Business Agility in Action

The event series on BPM, SOA and Application Integration

Give your business the flexibility it needs to capitalise on change.



How to rapidly connect your SaaS and on premise applications with WebSphere Cast Iron Cloud Integration

Sean Au – Presenter Title

MM/DD/Year





What will be covered?

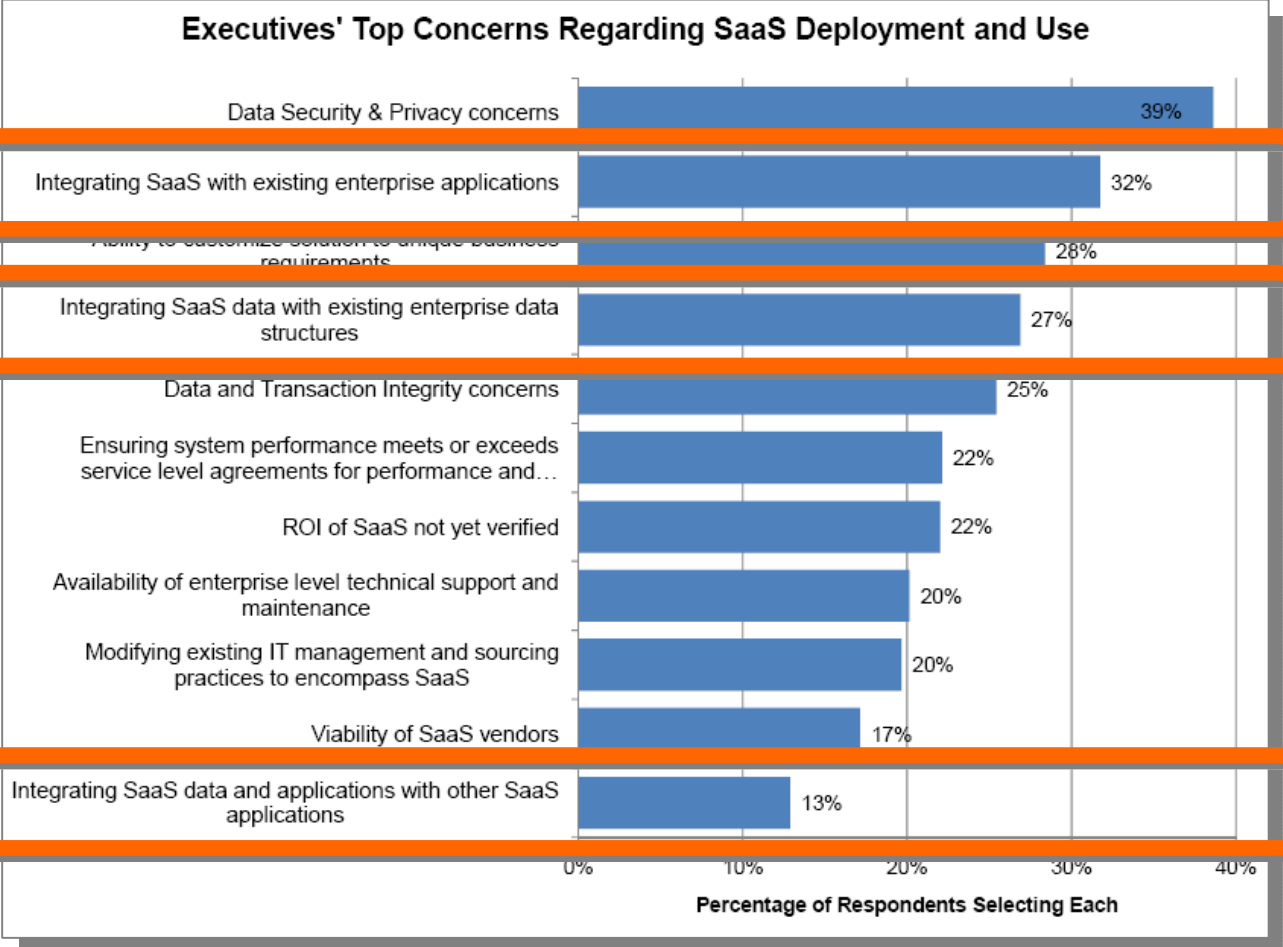
- The issues surrounding SaaS based integration.
- How Websphere Cast Iron address SaaS and On premise integration issues.
- Quick demo taking a csv file and uploading this to salesforce.



About CustomWare

- Based Sydney, with offices in Wellington, Kuala Lumpur and Palo Alto.
- Expertise in Integration and Collaboration
- Worked with Cast Iron for 4+ years
- Number 1 Cast Iron partner in APAC
- Offer Installation, Training, PS including Architecting, Project Management, Delivery and Support.

Concerns of SaaS Based Applications

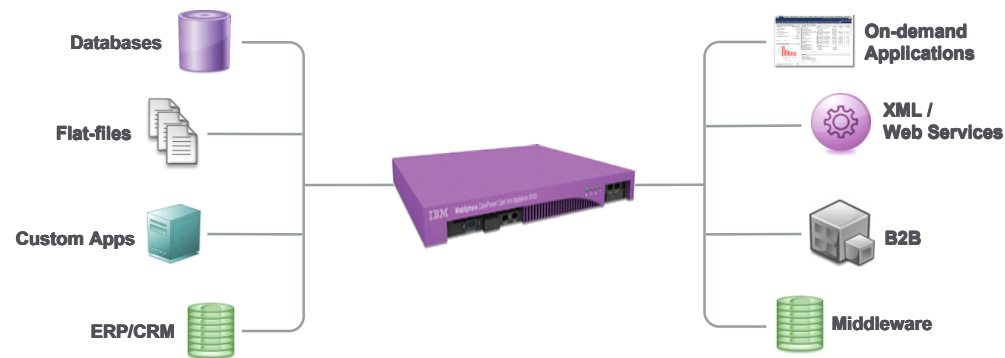


Source: Saugatuck Technology Inc., 2009 Global User Survey; n=1793



How does Websphere Cast Iron address these issues?

- Inbuilt connectors

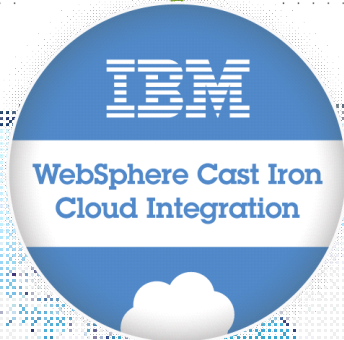


- Real time look ups to meta data/database schemas
- Providing different form factors from cloud to on premise as well as cloud to cloud integration.

What is Websphere Cast Iron?



Connects Hybrid World of Cloud and On-Premise Applications In Days





The Websphere Cast Iron product line

- **IBM WebSphere DataPower Cast Iron Appliance XH40**

- Cast Iron Integration Platform on DataPower appliance hardware platform
- Based on 9235 machine type; 9004 generation

- **General Availability Now**



- **IBM WebSphere Cast Iron Hypervisor Edition**

- Cast Iron Virtual Integration Appliance

- **General Availability Now**



- **IBM WebSphere Cast Iron Live**

- Now offered as Cast Iron Cloud2

- **General Availability – Q2 2011**

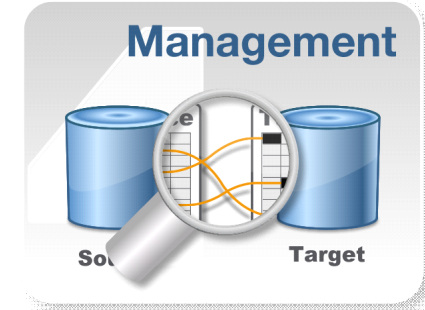
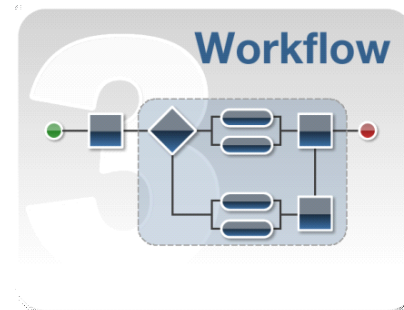
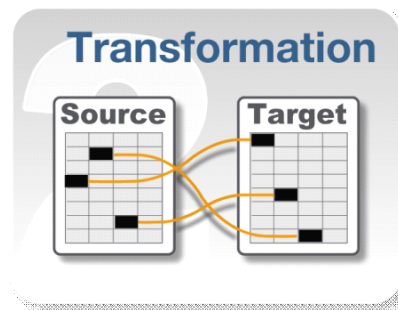
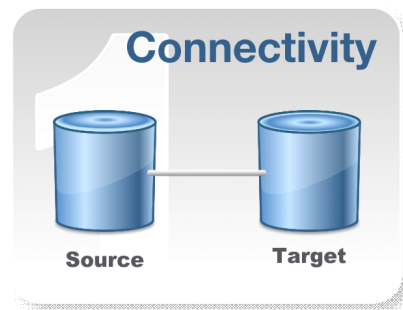




What does Websphere Cast Iron Offer?

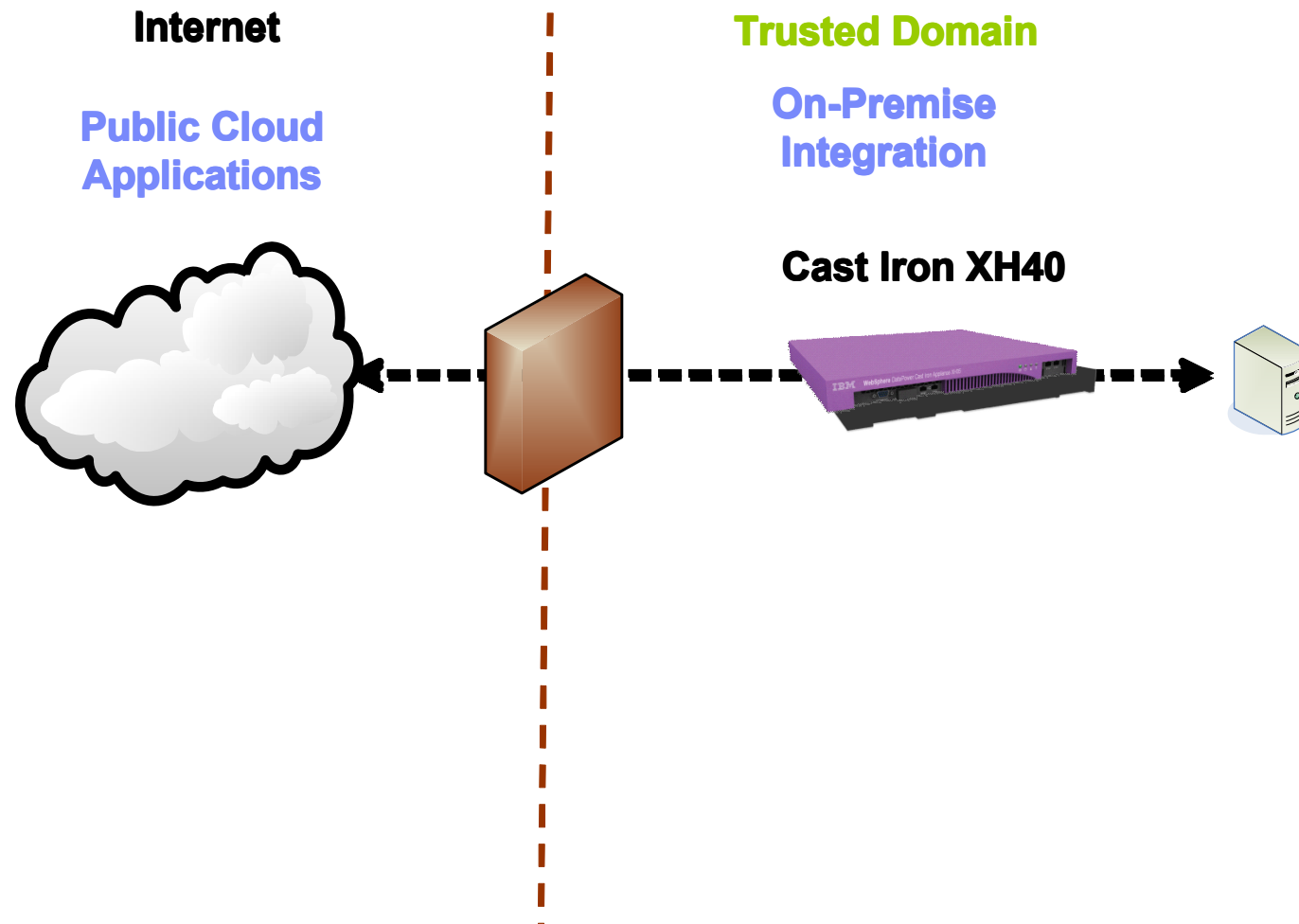
- The ability to **rapidly** deliver cloud integration projects in **days**.
- Leverage **reusable** process templates (TIPs) and uses a “**configuration, not coding**” approach.
- Thereby, achieving higher **return on investment** in SaaS projects.

What Websphere Cast Iron does



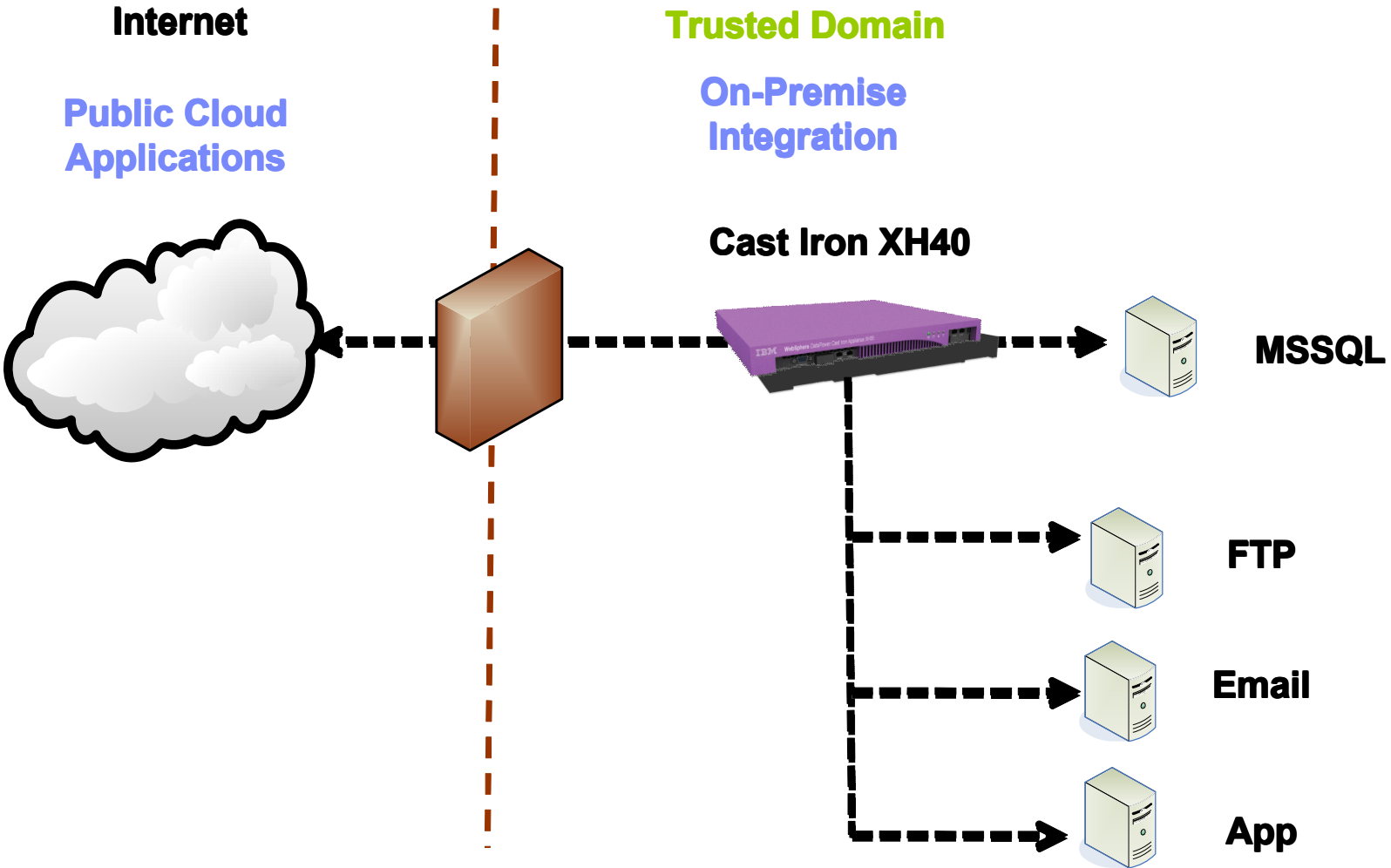


Cast Iron Deployment Examples



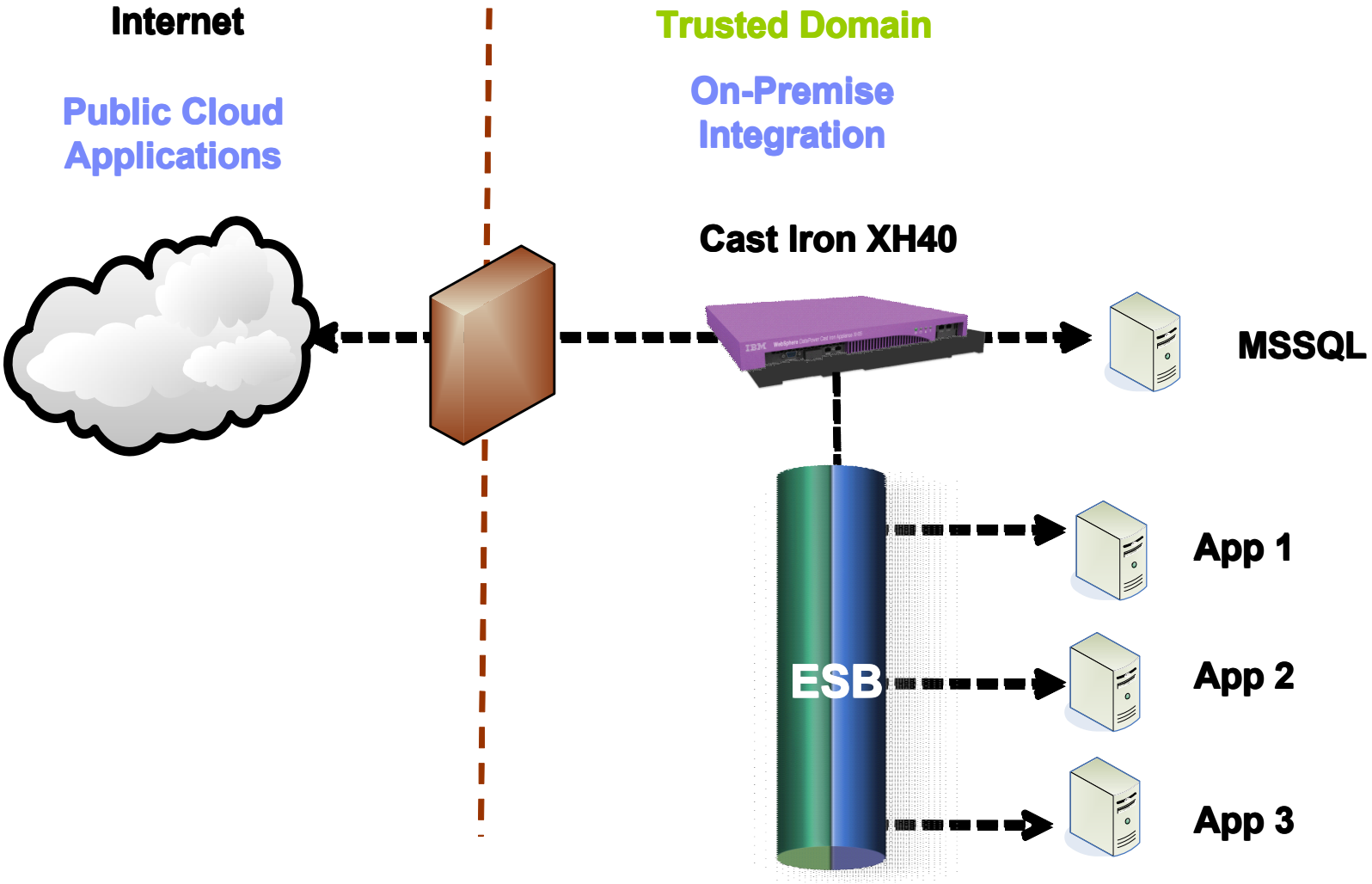


Cast Iron Deployment Examples



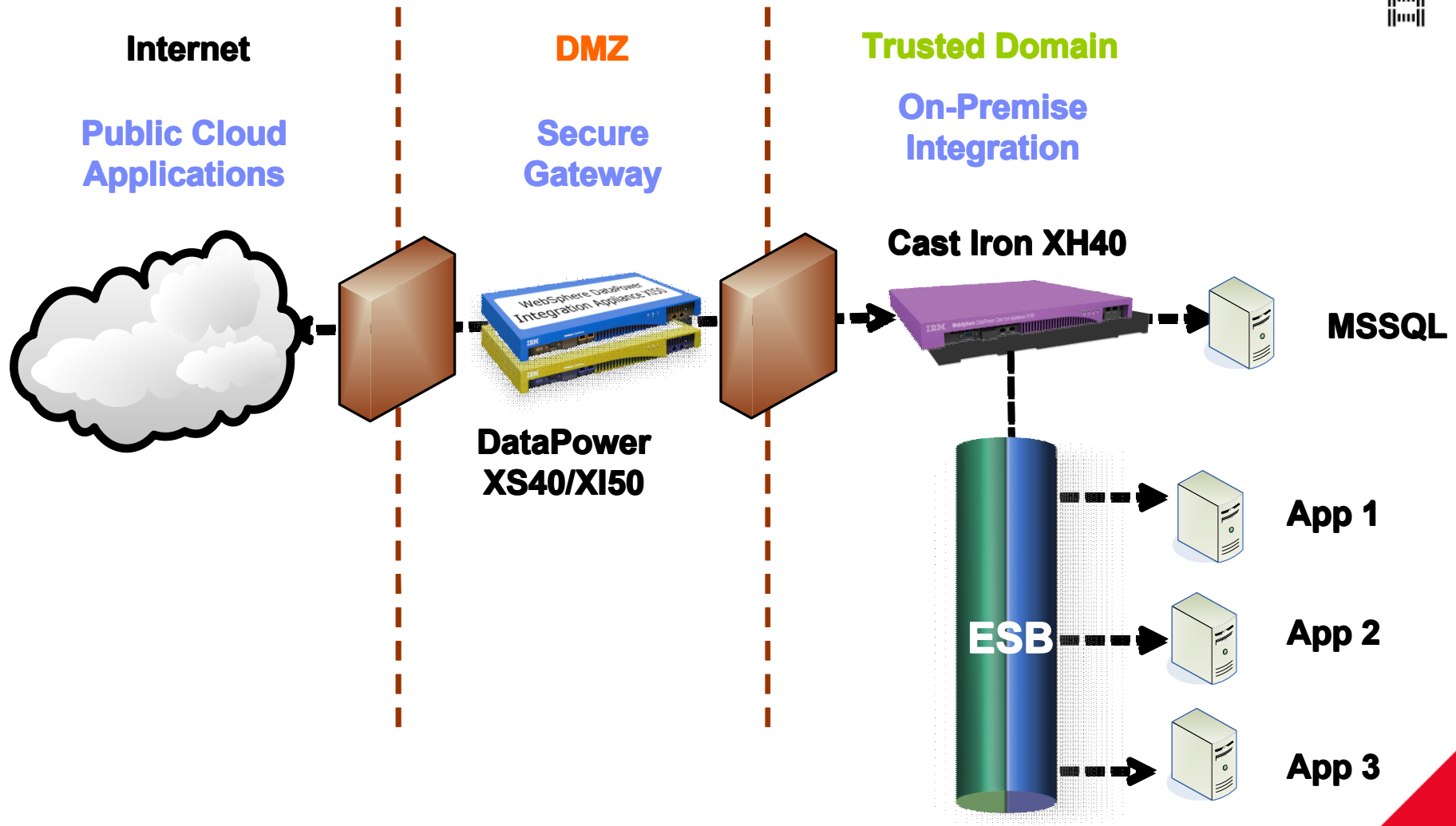


Cast Iron Deployment Examples










Cast Iron Deployment Examples





Case Studies

Company	Problem Solved	Competitors	Project Duration (in Days)
 CALTEX	Flat file to Salesforce	Custom code	22
 SAI GLOBAL <small>INFORM. INSPIRE. IMPROVE.</small>	Peoplesoft to Salesforce, Peoplesoft to SQL Server	Informatica	30 & 8
 Telecom	Oracle to Salesforce	Custom code	26 & 15 & 12
 idp	Salesforce to SQL Server	Business Objects	19
 Australian airExpress	PeopleSoft to Salesforce	Oracle	10



Websphere Cast Iron Demo

The screenshot displays the Cast Iron Studio interface for a workflow named "Salesforce.com Upsert Objects: Upsert MQ Customers".

Workflow Overview:

- Starts with a green circle.
- Activity 1: "MQ Poll Q 4 Customer" (Poll Queue icon).
- Activity 2: "Transform Read XML" (Transform icon).
- Activity 3: "Salesforc... Upsert MQ Customers" (Salesforce icon).
- Ends with a black circle.

Map Inputs Configuration:

The "Map Inputs" section shows the mapping between the "From Orchestration" data and the "To Activity" data.

From Orchestration	To Activity
Customer	objects
Name	Name
Acct	Account
Addr1	ShippingStreet
Addr2	ShippingCity
Addr3	ShippingState
Desc	Desc

Checklist:

- Summary
- Pick Endpoint
- Configure
- Retry
- Map Inputs
- Map Outputs

Functions Panel:

- Pick
- If..Then
- Try...
- While Loop
- For Each
- Split
- Break Loop
- Continue
- Utilities
 - Create Job Keys
 - Schedule Job
- Archives
- Database
- Email
- FTP
- HTTP
- MQ
 - Get Message
 - Put Message
 - Poll Queue
- SAP
- Salesforce.com
 - Get Updated Objects
 - Get Deleted Objects
 - Create Objects
 - Update Objects
 - Upsert Objects
 - Delete Objects
 - Undelete Objects
 - Retrieve Objects
 - Query Objects
 - Search Objects
 - Convert Lead
 - Merge Objects
 - Get Server Timestamp



CAST IRON Web Management Console User: Xuan.Au Logout Help

- Home
- Dashboard
- Utilization
- Repository
- Logs
- Security
- Network
- System

Project Configurations

Configurations Filter: All

Configuration	Running	Completed	Errored	Total	Actions
▶ CurtinCollege (Undeployed)	0	0	0	0	
▶ Edupoint (Undeployed)	0	0	0	0	
▶ Edupoint {1.1} (Stopped 1 of 6)	0	0	0	0	
▶ LOOSubmission {1.1} (Running 1 of 2)	0	0	0	0	
▶ LOOSubmit (Undeployed)	0	0	0	0	
▶ NavitasCommon (Running)	0	2	0	2	

Results

Jobs Filter: All Key Search:

Configurations	Orchestrations	Status	When	Key/Job ID
SMS_EduPoint_ACAP (1.6)	ACAP_OutboundDa	Completed in 0.96s	03/24/2011 01:06:00 PM	No entity changed since 2011-03-24T
SMS_Maze_SIBT (2.6)	SIBT_InboundDataH	Completed in 0.10s	03/24/2011 01:06:00 PM	No messages found for SIBT
SalesForceSyncProcessor (: SF_AccountChange		Completed in 0.69s	03/24/2011 01:06:00 PM	No account changed since 2011-03-2
SalesForceSyncProcessor (: SF_ContactChangeF		Completed in 1.98s	03/24/2011 01:06:00 PM	No contact changed since 2011-03-24
SalesForceSyncProcessor (: SF_InboundDataHar		Completed in 0.14s	03/24/2011 01:06:00 PM	No messages found for SalesForce

Settings |< < Page 1 of 146 > >|

Resource Utilization

Critical Alerts

coldfusion.xml.rpc.CFCInvocatio
 faultData: <?xml version="1.0"?
 SOAP fault: <?xml version="1.0"?
 SOAP fault from Item: coldfusion.

Summary

29 Configurations (8 started)
 86 Orchestrations (18 ru
 2178 Jobs
 0 running
 2178 completed

Refreshing... Copyright 2001-2011 Cast Iron Systems Inc., All Rights Reserved

TIPS



Search

Search for Template Integration Projects (TIPs)

Search for TIPs by using keywords or by Filter.

Search By

Keywords Filter My TIPs

Keywords

Hint: The keyword USECASES returns all TIPs under USECASES category.

Results

Name	Source	Target	Rating	Certif...
T0197_SAPUpdateToChatter	SAP	Salesforce Chatter(v1.8)		✓
T0193_SAPContactToSalesforceUsingBulkAPI	SAP(v4.7)	Salesforce Bulk API(v1...		✓
Mashup - SAP Order History	SAP	HTTP		
T0094 - SAP Contacts To Siebel On Premise Contacts	SAP(v4.7)	Siebel On Premise(v8....		✓
T0093 - SAP Customers To Siebel On Premise Accou...	SAP(v4.7)	Siebel On Premise(v8....		✓
T0060 - SAP Materials To NetSuite Inventory Items	SAP(v4.7)	NetSuite(v2008.1)		✓

Details

Project Name: _____ Patterns: _____
Creator: _____ Project Size(Kb): _____
Created: _____ Last Modified: _____
Path: _____ Created With Studio Version: _____
Category: _____ Downloaded: _____
Avg. Rating: _____ Version: _____

Description

