



# OpenEdge and Aurea Sonic 2013

*Progress Exchange  
October 6-9, 2013*

*Hub Vandervoort  
CTO, Aurea Software*

# Agenda

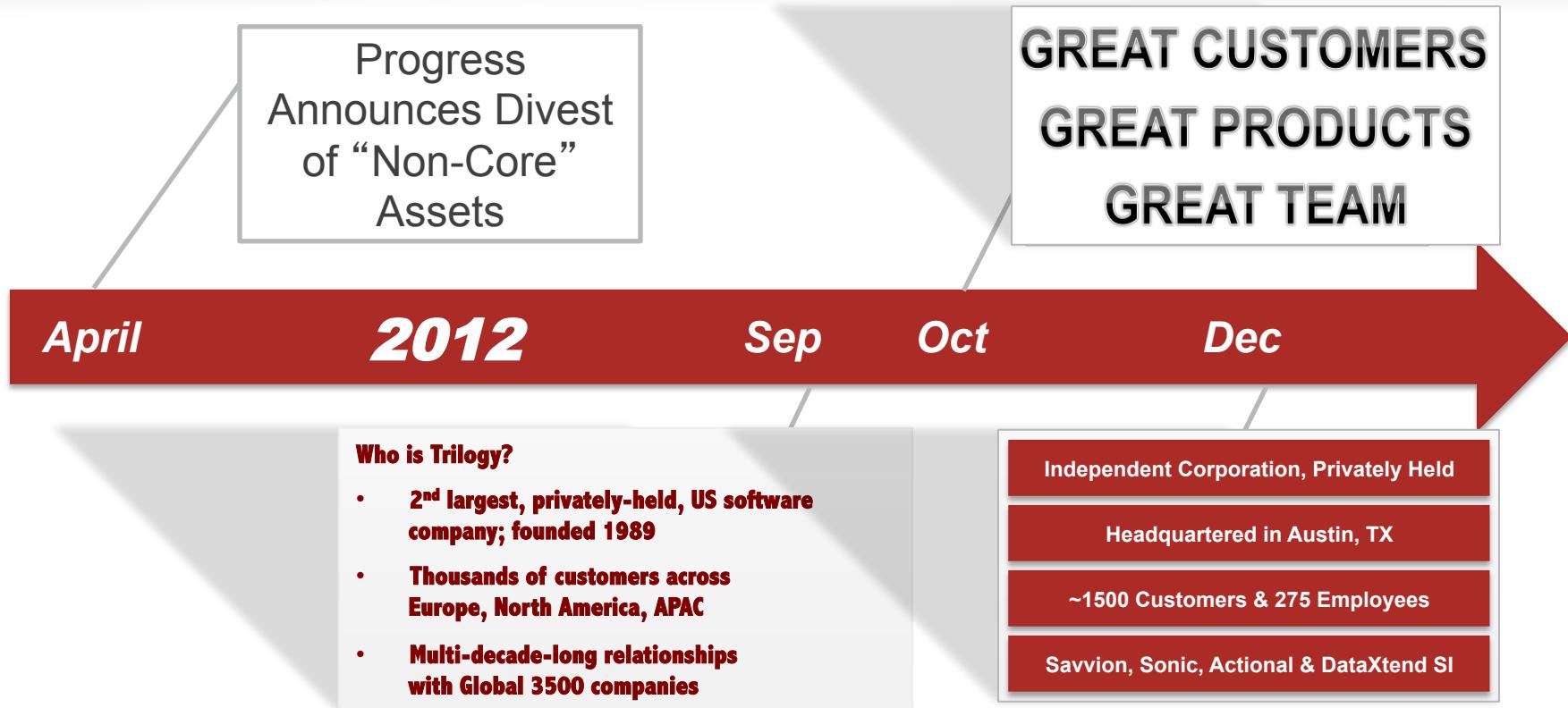


## Aurea Software – Company Introduction, Strategy & Positioning

Aurea 2013 Release Themes &  
Sonic 2013 – Release Highlights

Aurea Sonic Plus & Platinum Programs;  
Aurea Resource Connection

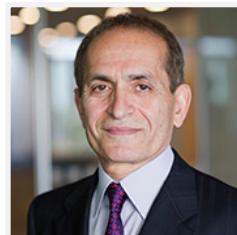
# Aurea Formation History



# Executive team



**Scott Brighton**  
*Chief Executive Officer*



**Dr. Mohammad Katabchi**  
*Chief Product Officer*



**Eric Levine**  
*Chief Marketing Officer*



**Hub Vandervoort**  
*Chief Technology Officer*

- **Leela Kaza, SVP Services**
- **Todd Brooks, COO**
- **Patrick McClain, CFO**
- **Dan Mohan, SVP Value Assurance**
- **Curt Richtermeyer, SVP Sales**
- **Melissa Garza, VP Human Resources**

# Aurea Strategic Positioning



## *Top Three Strategic Differentiators*

- Aurea is **Privately-Owned**

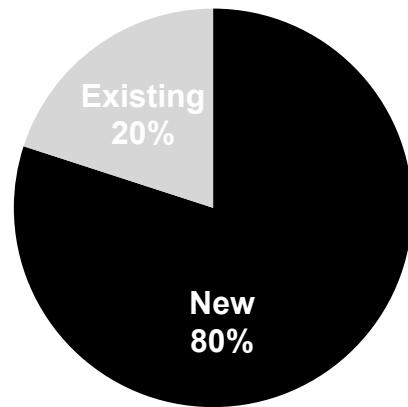
This enables possibilities not available as a publically-traded company

# Aurea Core Philosophy



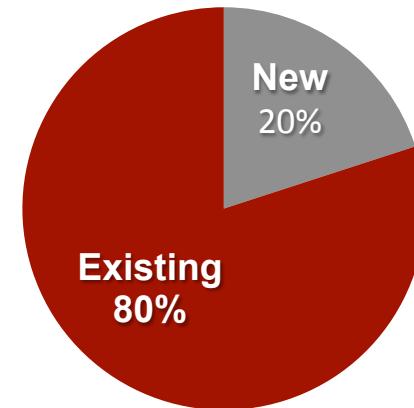
## The Typical Model

- 1 GROWTH
- 2 PROFIT
- 3 CUSTOMER SUCCESS



## The Aurea Model

- 1 CUSTOMER SUCCESS
- 2 PROFIT
- 3 GROWTH



# Aurea Strategic Positioning



## *Top Three Strategic Differentiators*

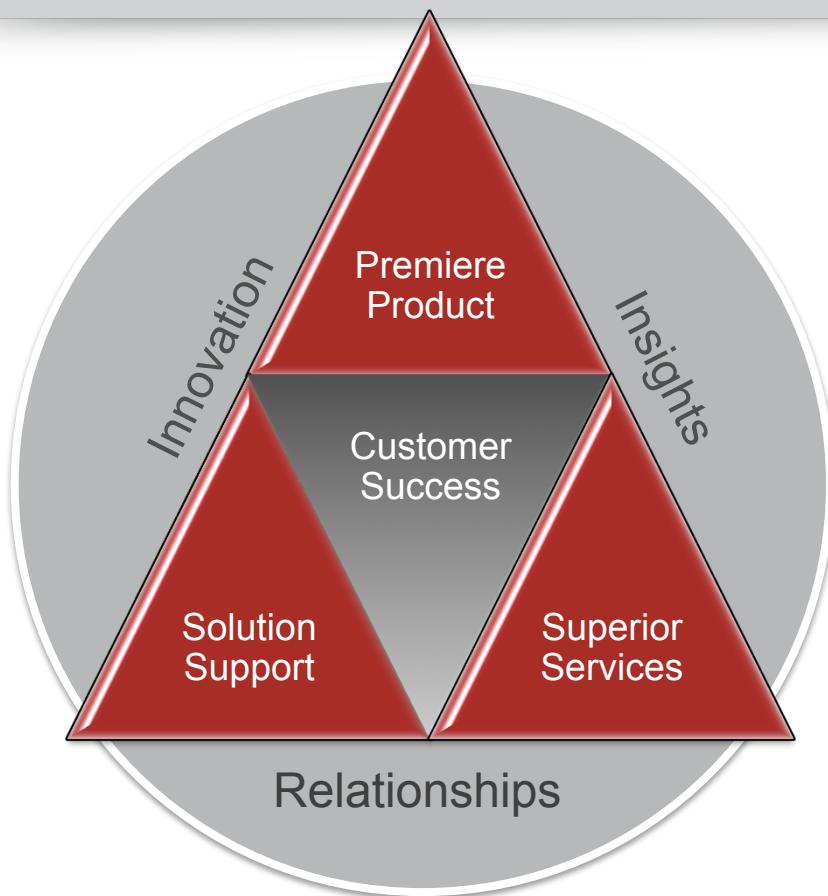
- Aurea is **Privately-Owned**

This enables a possibilities not available as a publically-traded company

- Primary Operating Metric is **Customer Success**

Competitors say they want you to be successful... but ask them how they are paid!

# Customer Success



## 100% CUSTOMER SUCCESS

- **Every** customer assigned *two* executive sponsors
- Twice annual meetings to review achievement & establish goals
- Establish crisp, meaningful success metrics *together*
- **Every** employee bonus tied to success

# Aurea Strategic Positioning



## ***Top Three Strategic Differentiators***

- Aurea is ***Privately-Owned***  
This enables a possibilities not available as a publically-traded company
- Primary Operating Metric is ***Customer Success***  
Competitors say they want you to be successful... but ask them how they are paid!
- Aurea Operationalizes those two concepts with a Roadmap strategy towards Managed Services

# Product Roadmap Themes



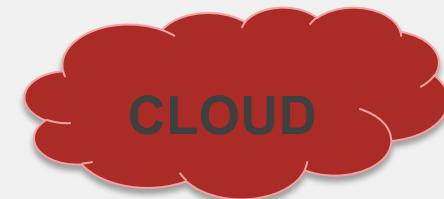
QUALITY

FASTER

Aurea2013

TRANSPARENCY  
& VISIBILITY

EASIER



2014 +

MOBILE  
SMARTER

# Aurea Cloud Story

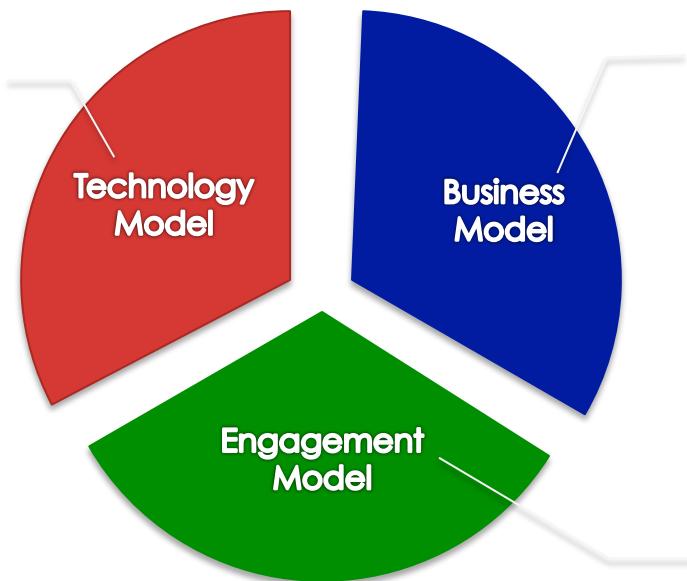


***The Heart of the Managed Services Strategy...  
but mention “Cloud” and watch what happens...***

**SC gets caught up in Technical Drivers:**

- Amazon EC2
- Elasticity/Auto-Scaling
- Location Transparency (vMotion)
- Multi-Tenancy with SLA Enforcement
- Metering/Billing
- etc. etc...

*While all these are important, this is not exactly what the customer wants or needs...*



**AE gets caught up in Subscription Pricing:**

- CPU + 5yrs Maint  
5 yrs  
*Customer does not want an amortized CPU*
- ***What they really respond to is “Business-Value Aligned Pricing”*** (e.g. beds, passengers, visitors)

**What the customer really wants:**

- ***To simply run their business “USING” our software. They don’t want to “OWN” it***
- ***They do not want to handle the issues of life-cycle ownership*** (e.g. Install, Upgrade, Config, Tuning, Problem Diagnosis or Resolution)

# Agenda



Aurea Software – Company Introduction,  
Strategy & Positioning

**Aurea Product Strategy & Release Themes  
Sonic 2013 – Release Highlights**

Aurea Sonic Plus & Platinum Programs;  
Aurea Resource Connection

## Technology Products

Enable the development and deployment of business solutions

## Solution Products

Deliver significant business values to customers

# Aurea technology products power solutions



FinSer &  
Insurance

Telecom &  
Media

Software  
Factory

Credit  
Card Ops

Visitor  
Routing

Global  
Support

...

Aurea Technology Products  
(Actional, DataXtend SI, Savvion, Sonic)

# Capabilities of Aurea technology products



	Actional	DXSI		Savvion				Sonic		All		
	Trans- action	Policy	Com. Model	Data Trans- formation	Bus. Process	Bus. Rules	Bus. Events	Work Mgmt	Integ. Process	Mes- saging	Analytics	HCI
Define	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Execute			✓		✓	✓			✓	✓	✓	✓
Monitor	✓				✓			✓	✓	✓	✓	
Analyze	✓	✓	✓		✓	✓	✓	✓	✓		✓	
Improve	✓		✓		✓	✓	✓	✓	✓		✓	✓
Govern	✓	✓	✓		✓	✓	✓	✓	✓			

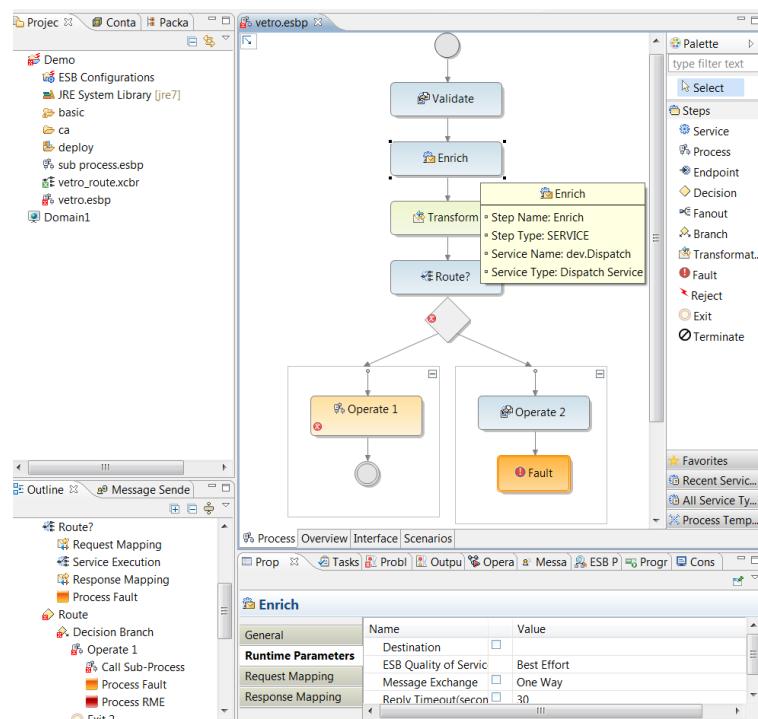
# Aurea 2013 Release Themes



## ***Portfolio Theme: Easier Than Ever Before***

### ***Product release themes***

- Actional: Solve problems faster and simply
- DXSI: Increase developer and team productivity
- Savvion: Dramatically easier to use – by everyone
- Sonic: Easier to develop and deploy



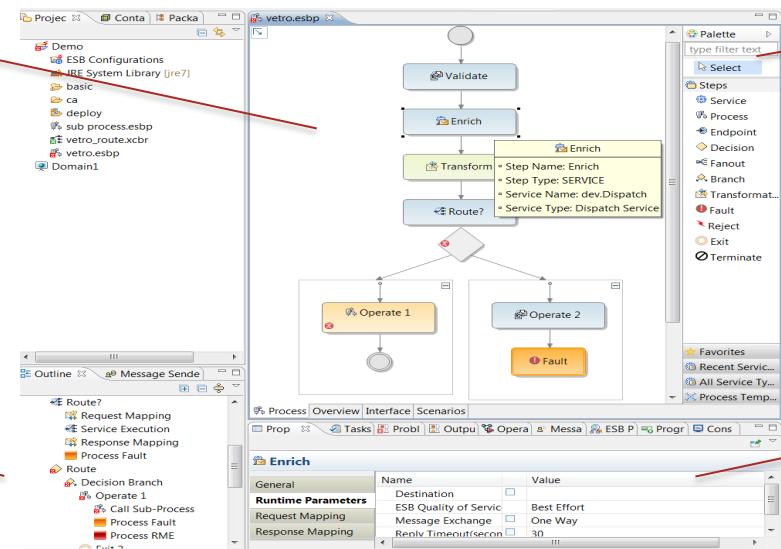
Everything is no more than 2 Clicks away:

- Edit Runtime Parameters from the overview page
- Edit Processing Stages Directly
- Use Breadcrumbs to jump directly
- One Click Process Tracking
- ...and more

# Processes Editor: Overview Page

New Look &  
Feel and  
Improved Visual  
Feedback

New Outline  
View



Searchable  
Palette

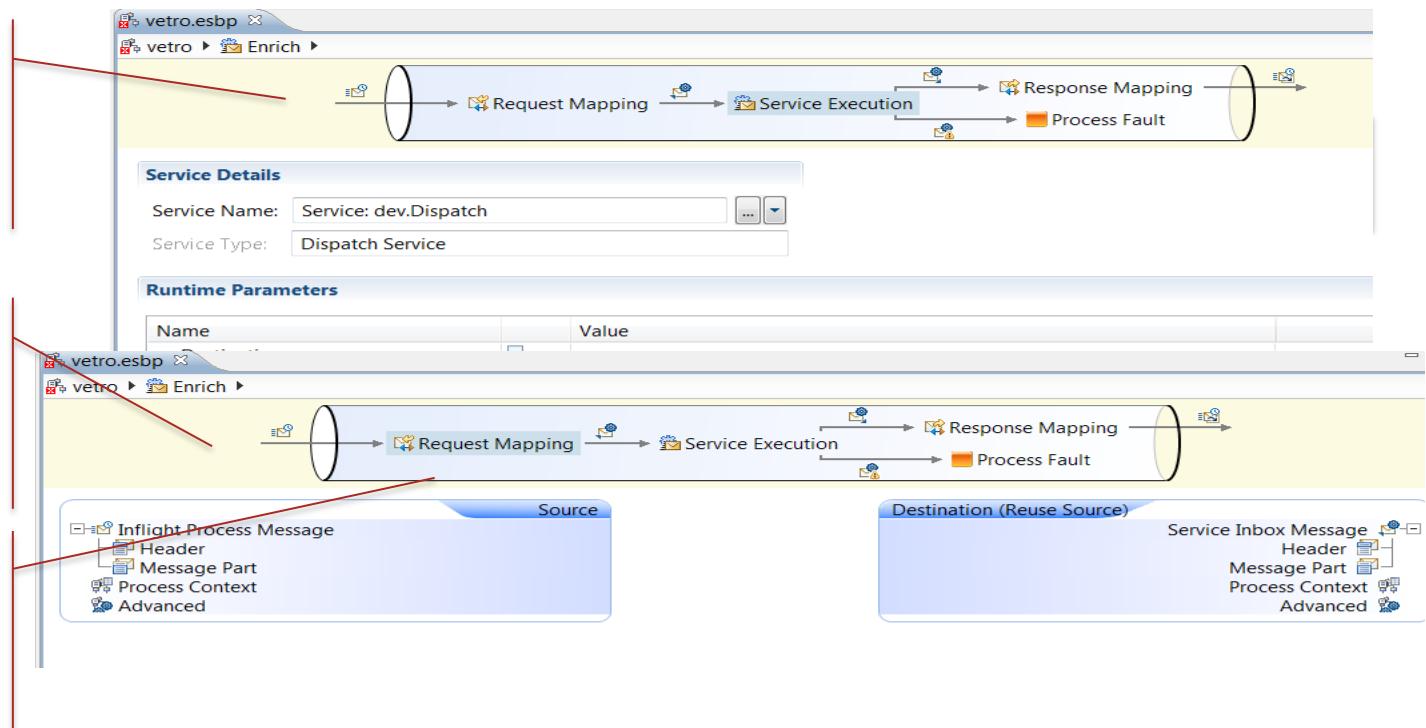
Step Integration  
with the  
Properties View

## Processes Editor: Processing Stages

All Service  
Detail Pages  
Replaced with  
Single Page

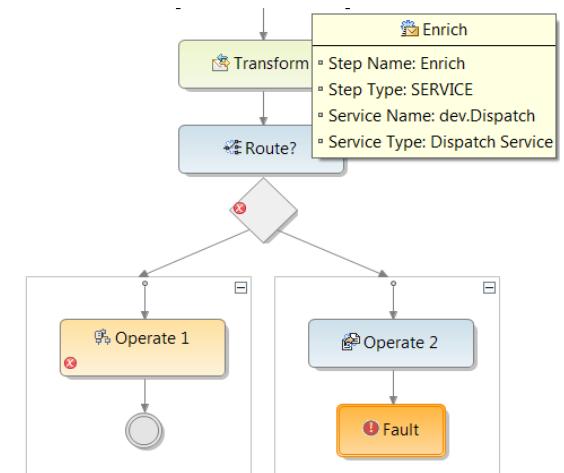
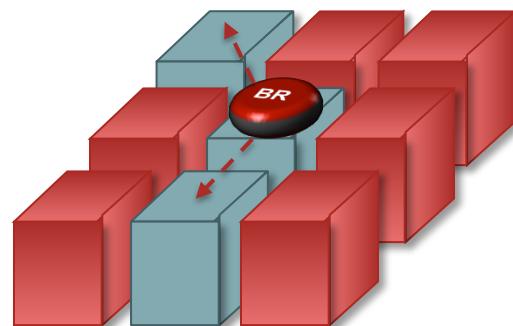
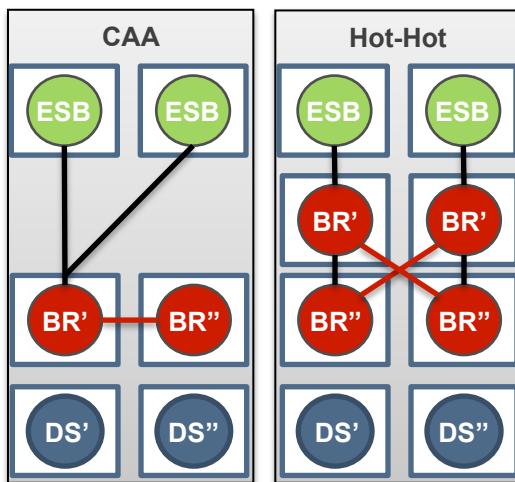
Access any of  
the Processing  
Stages with One  
Click

Enable  
Message  
Mapping for  
each Step



## *Easier to develop, deploy and operate; cloud-ready*

Deployment requirements modeling, support for location transparency, dramatically improved developer tools



# Deployment requirements modelling



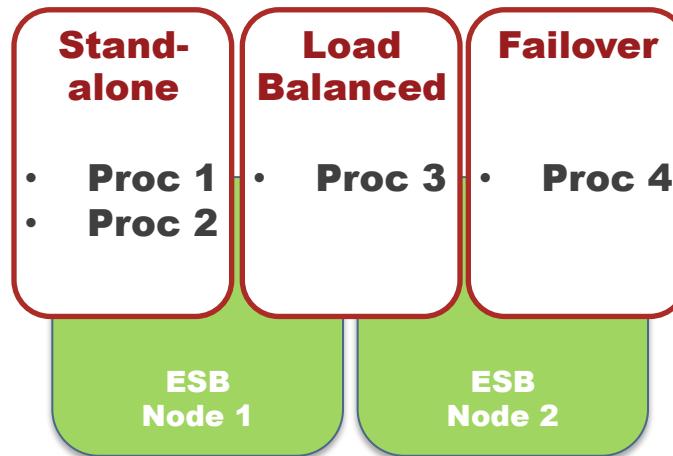
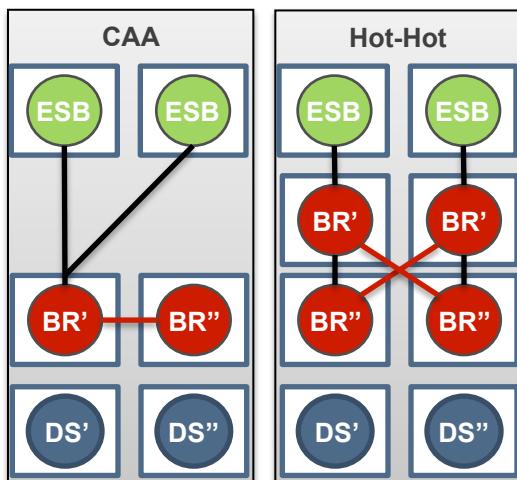
Choose  
Deployment  
Pattern



Define  
Deployment  
Requirements



Deployment  
Model  
Generated

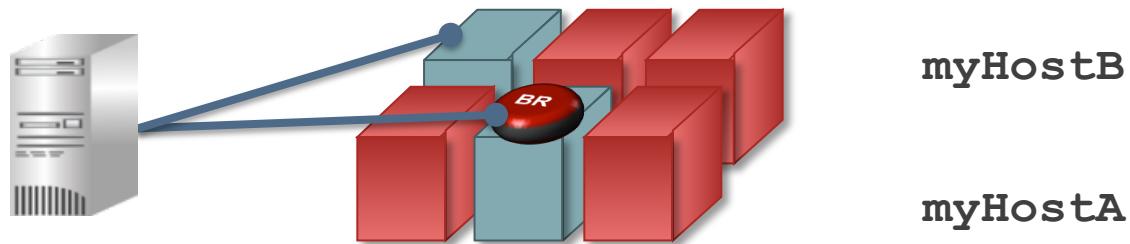


# Location transparency



Sonic Clients dynamically discover broker locations  
`sonicrn://myBroker`

Brokers auto-configure from the runtime environment; Amazon EC2 aware



No configuration changes at clients or brokers!

- Full Java 7 support and other new platforms
- Top-down Sonic Connect workflows (SOAP and REST)
- Sonic Connect scalability update
- Transformation Step as intrinsic process step
- Predefined Eclipse user libraries
- New ESB Service usage metrics
- Centralized management of Flow Control Monitoring Interval
- New SonicMQ Flow to Disk Metrics
- Database driver updates

# Upcoming retirements and end of life



	Retired	End of Life
Actional 8.1.X	June 2012	June 2013
DXSI 8.4.X	Dec 2013	Dec 2014
Savvion 7.5.X	June 2013	June 2014
Sonic 7.6.X	April 2013	April 2014

For details on each product release  
[visit the Aurea Support Page](#)

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Aurea Software – Company Introduction,  
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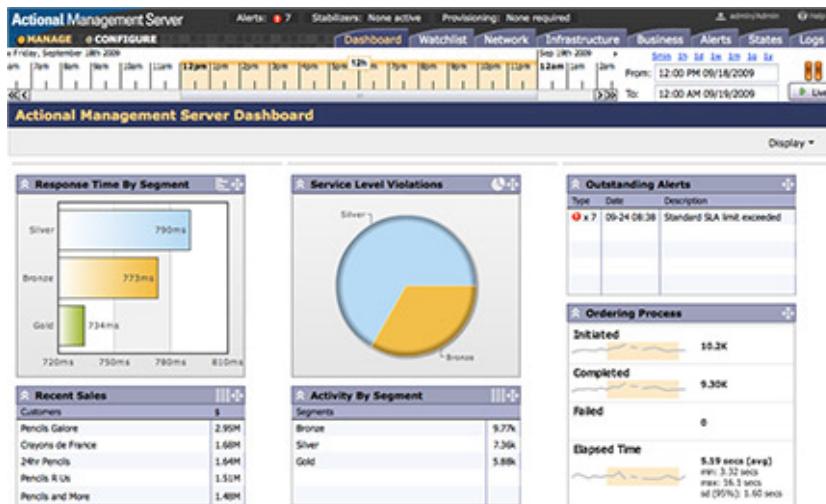
Aurea Product Strategy & Release Themes  
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**Aurea Sonic Plus & Platinum Programs;  
Aurea Resource Connection**

# Transparency and Visibility



## *Introducing Sonic Plus and Savvion Plus*



- New offering, bundling Actional technology with Sonic & Savvion
- Enable complete transparency and visibility – even outside the bus or BPM
- Diagnose issues instantaneously
- Deliver guaranteed SLAs
- Resolve problems *before* they happen

# Platinum is Not Just Support



*Enabling Successful Solutions*

## Basic Support

***“Support The Product”***

Make It

Narrow Product

Reactive

Product Updates

Product Knowledge

## Aurea Platinum

***“Enable The Solution”***

Make It Work

Broad Solution

Proactive

Solution Upgrades

Solution Context

# Summary Comparison: Standard v. Platinum



	Standard	Platinum
<b>CUSTOMER SUPPORT</b>		
Customer Success Program	✓	✓
Online Support Portal	✓	✓
Patch and Update Releases	✓	✓
Severity One Response Time	4 hours	Immediate
Platinum VIP Hotline		✓
Priority Issue Resolution		✓
<b>SOLUTION SERVICES</b>		
Upgrade Assistance Program		✓
Aurea Community Code Share		✓
Solution Wellness Program		✓
Access to Platinum Intelligence Center & Knowledgebase		✓
Access to Platinum Training Services		✓

# Upgrade assistance through the Platinum Program



Our Consultants follow a rigorous process



- 1 **Assess** your environment
- 2 **Perform** the upgrade
- 3 **Test**
- 4 **Provide** you a *run-book*

Result – Confidence you need to execute a smooth, successful upgrade!

# Resource connection



## Aurea 2013 Product Details

- Aurea Website: [www.aurea.com](http://www.aurea.com)
- Aurea 2013 [Product Brochure](#)

## Upgrade Assistance and the Platinum Program

- Email [platinuminfo@aurea.com](mailto:platinuminfo@aurea.com)
- [Platinum Program](#) Detailed Materials
- Webinar Recordings:
  - Aurea 2013 Product Launch
  - PLUS Program overview
  - 'Platinum Program' and 'Upgrade Options'

# Summary



- **Aurea:** Great Products; Great Team; Great Customers; *and a Great Future Ahead...*
- Differentiated Strategy:
  - Privately Owned
  - Focused on 100% Customer Success
  - Platinum Program and Managed Services Accountability
- Technology Superiority and Innovation Leadership
  - Technology model; Business model; Engagement Model
  - Plus Program – High Value Promotional Offers
  - Aurea 2013 Release and Future Roadmap (Vertical, Cloud, Mobile, Analytics)

# **Questions & Answers**



**Thank You!**



▪ Sonic

# Aurea Sonic 2013 Detailed Feature Review

*Product Launch 2013*

# **Problems Solved at Design Time**

# Problems in Developing ESB Processes



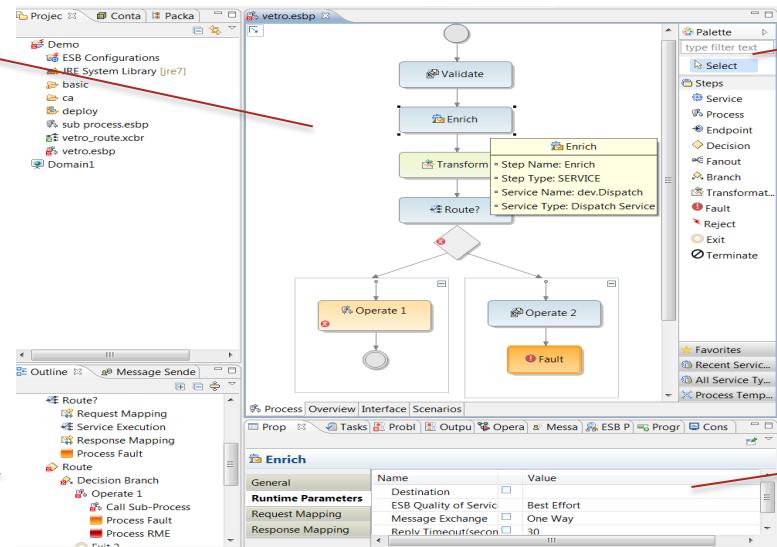
- **Problem:** Working with the Process Editor typically requires too much nesting and you can lose the tasks' context.
- **Problem:** Request or Response Message Mapping could not be enabled on a step-by-step basis.
- **Solution:** Provide this with one click away

# Processes Editor Improvements: Overview Page

Aurea

New Look &  
Feel and  
Improved Visual  
Feedback

New Outline  
View

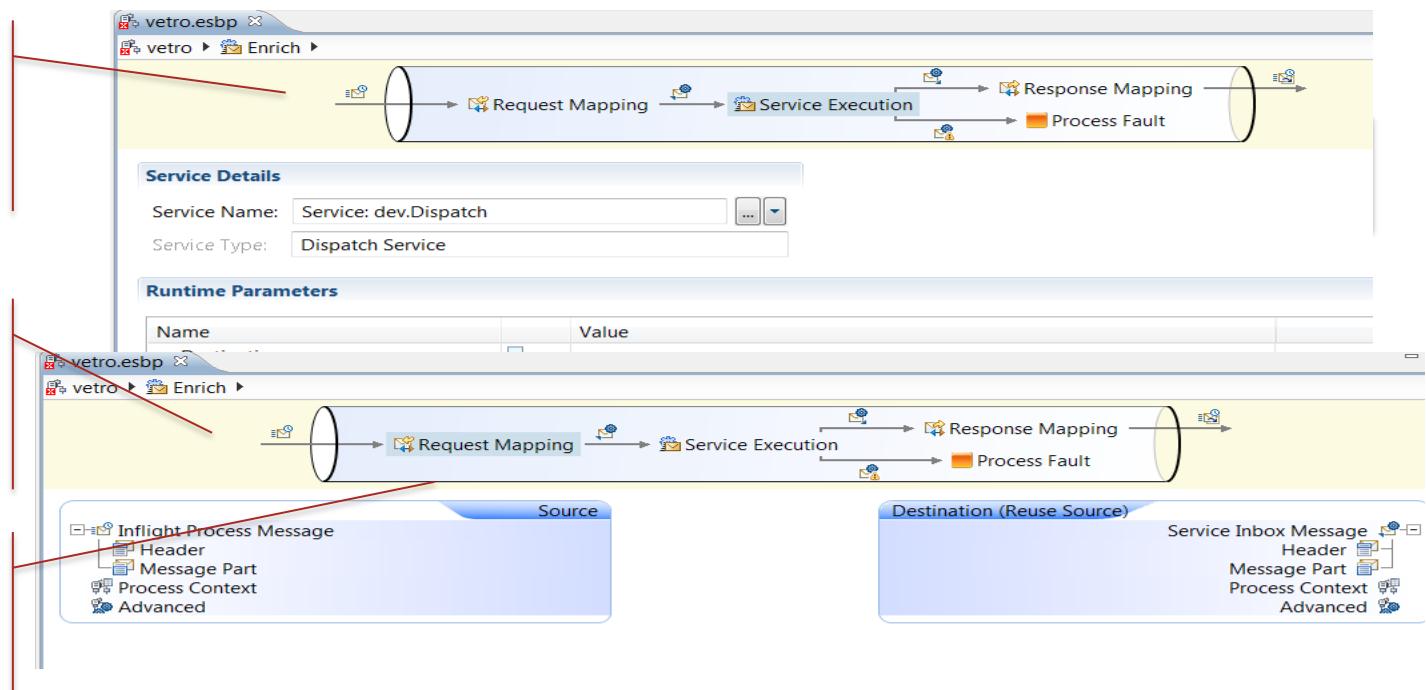


Searchable  
Palette

Step Integration  
with the  
Properties View

# Processes Editor Improvements: Processing Stages

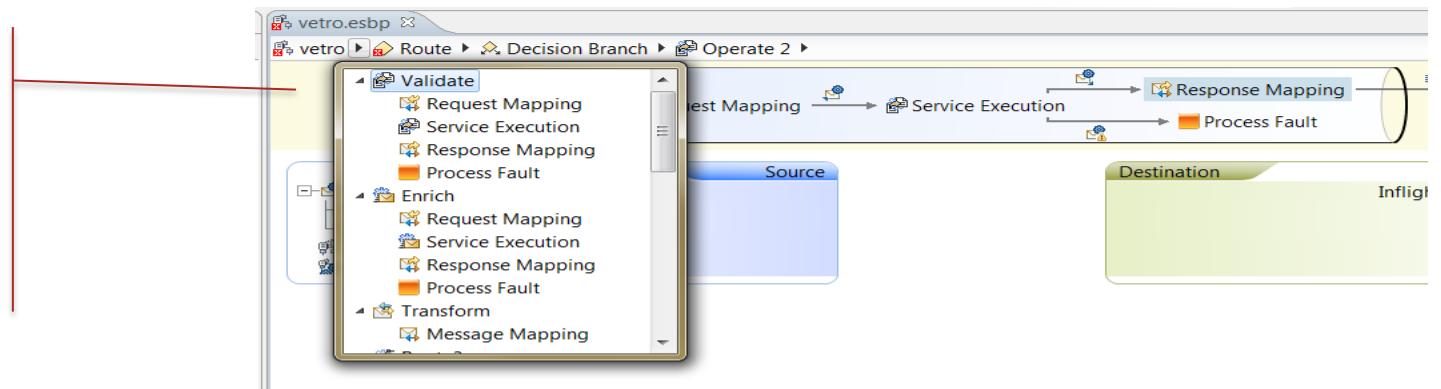
All Service  
Detail Pages  
Replaced with  
Single Page



# Processes Editor Improvements: 1-Click Breadcrumb Navigation



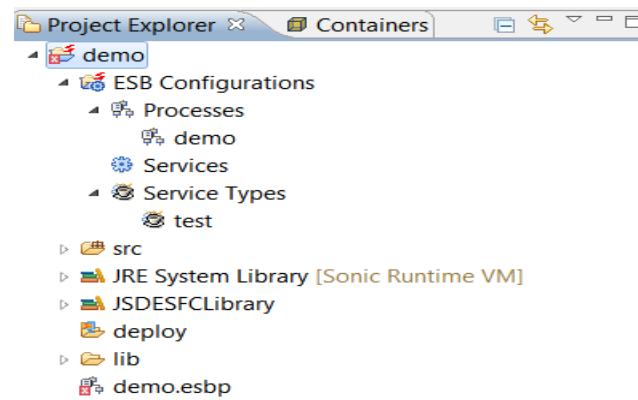
Breadcrumb can take you to any other step or processing stage immediately



# ESB Configurations at Project Level



- See all ESB Configurations of the Project at once
- Open them without having to remember their path



# Problems working with Process tracking



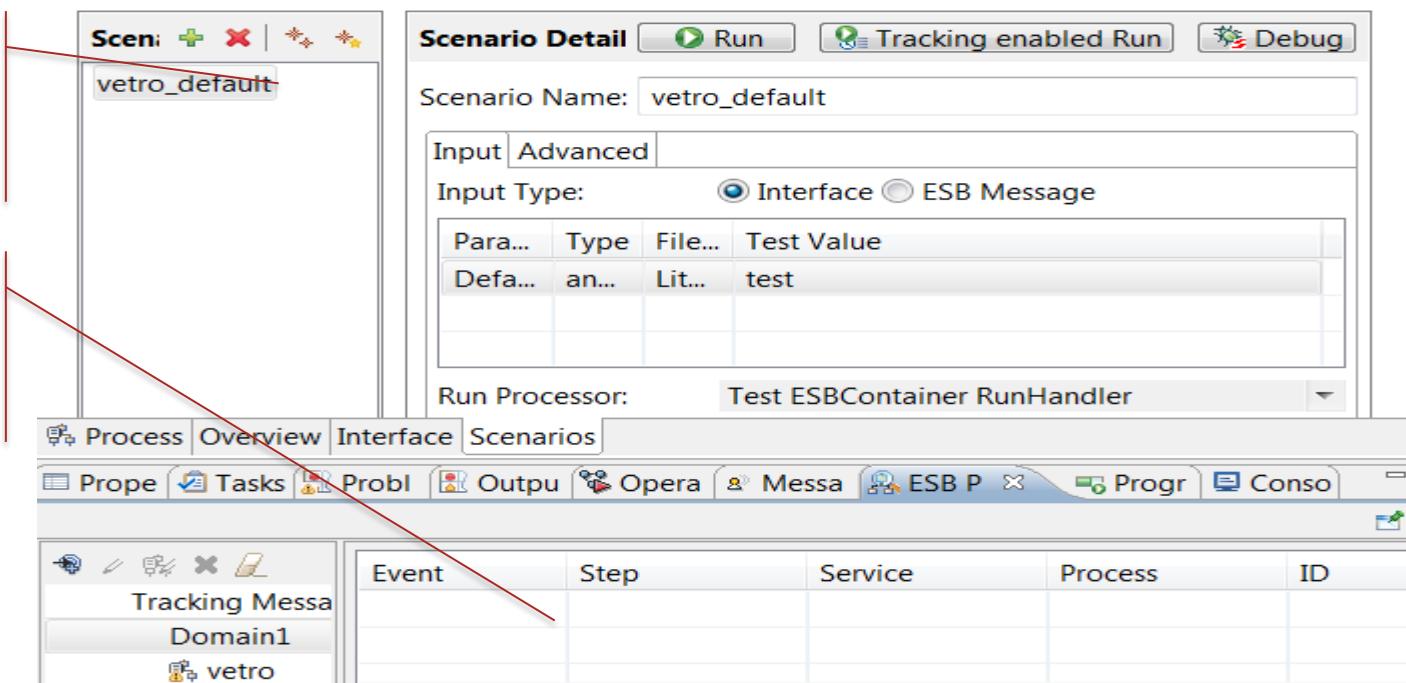
- **Problem:** Working with process tracking requires opening the process, changing the tracking level, adding it to the tracking view, ...
- **Solution:** Provide this with one click away

# Process Tracking Improvements

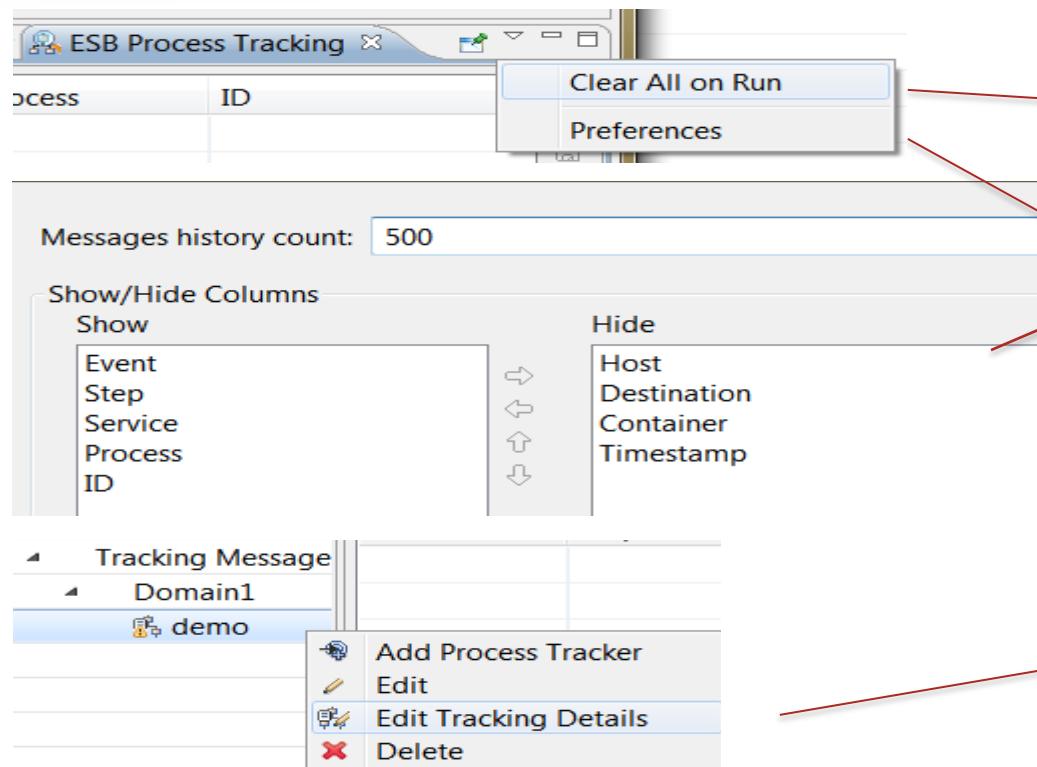
Aurea

New Tracking Enabled Run enables tracking on-demand

Automatically adds to ESB Process Tracking view as well



# Process Tracking Improvements



New **Clear All on Run** clears view before each scenarios run automatically  
**Preferences** to show/hide tracking columns

Edit the **Tracking Level** without opening the process

# Sonic Connect Problems



- **Problem:** Sonic Connect always requires a separate Project and you first have to define the operations invoked before using it in your process.

Why is it so difficult if all I had to do in Sonic 7 was to drag and drop a WSDL?

- **Solution:** Provide Top-Down Sonic Connect workflows and other enhancements

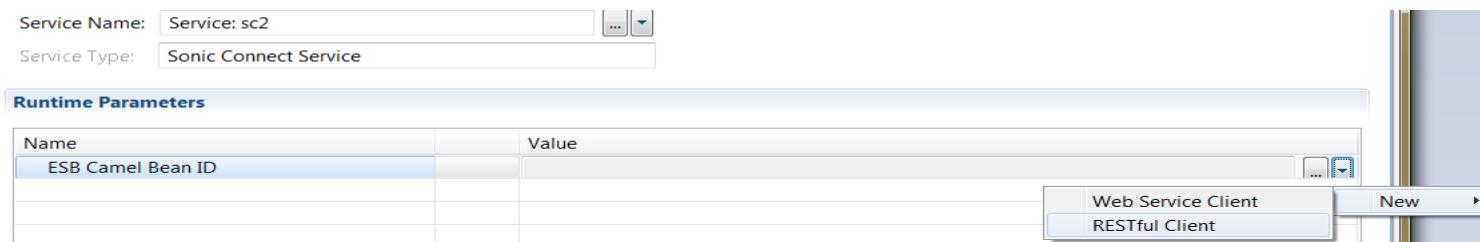
# Top-Down Sonic Connect Workflows



- Drag and Drop of a WSDL creates a Sonic Connect Web Service not a V7 one.



- Create New RESTful or Web Service Client directly from Sonic Connect Step



# Optional Generic RESTful Client



Skip creation of the generic client in new Sonic Connection Project wizard

## Create a Sonic Connect Project

- ① Create a Sonic Connect project with a default Sonic Connect service

Project name: sc\_demo

Use default location

Location: C:\Sonic 2013\Workbench8.6\workspace\sc\_demo

Choose a Project type

Sonic Development Project

Sonic Connect Project

Create a Generic RESTful Client

Add it later in the Sonic Connect Editor if you really need it

## Sonic Connect Editor

[Open default Sonic Connect service configuration](#)

### Operations

List of operations available in this Sonic Connect project



- Add Web Service...
- Add Web Service Client...
- Add RESTful Web Service...
- Add RESTful Client...
- Add Generic RESTful Client**
- Add Operation

# Sonic Connect Scalability Update



- Third Party Upgrades
  - Apache Camel 2.10 (was 2.1)
  - Apache CXF 2.6 (was 2.2)
  - Jetty 7.5 (was 6.1)
- Benefits
  - Improved scalability by avoiding blocking while waiting for response from itinerary (uses asynchronous processing overhaul in Camel and CXF).
  - Java 7 Support

# Transforming Messages

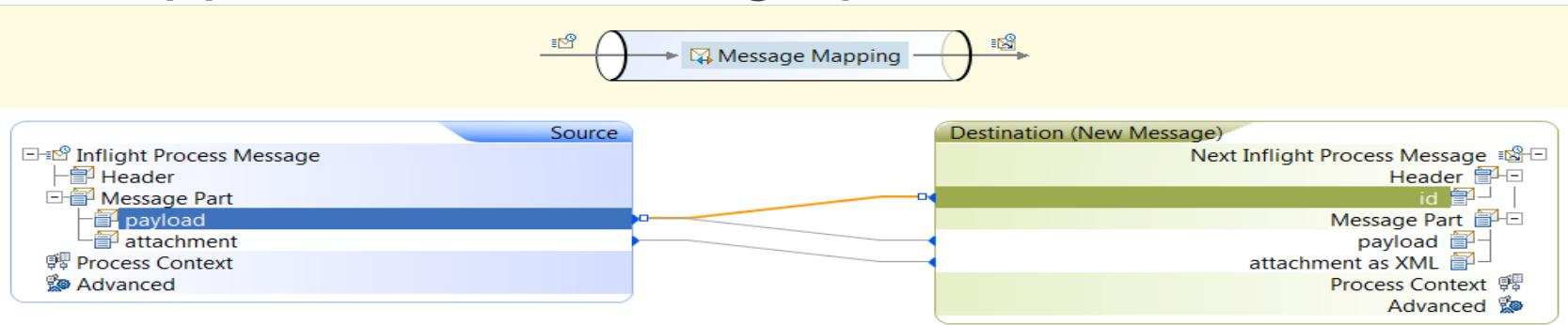


- **Problem:** The Transformation Service just supports multiple message parts just with custom code and it is always XSLT
- **Solution:** Provide an explicit transformation step and generally enhanced graphical mapping

# Transformation Step replaces Transformation Service



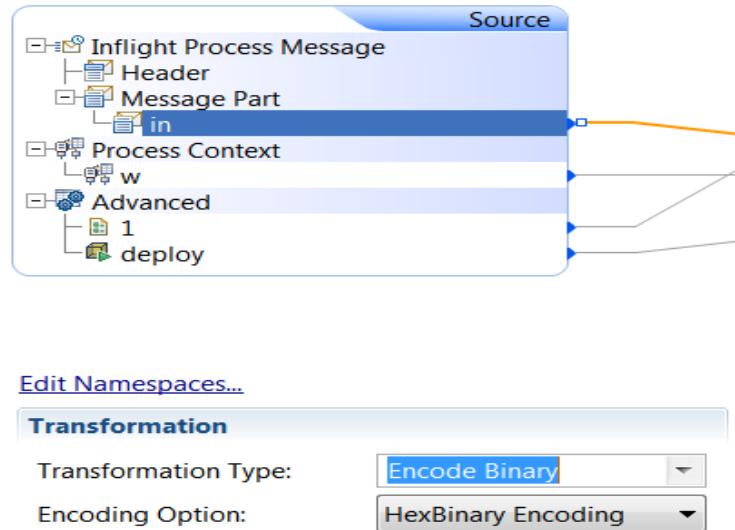
- Graphical Message Mapping
- Support for all message parts and headers



# New Graphical Mapping Features



- New Look & Feel
- Flattened Message Structure
- New Transformations
  - Encode and Decode Binary
  - Hex or Base64



# ESB Service Type Development



- **Problem:** How to write services supporting custom metrics and notifications?
- **Solution:** Introduce Sonic Foundation Classes based ESB services as new default.

# Sonic Foundation Classes



- Sonic Foundation Classes (SFC) template is the default for new ESB Services

```
public class MyFirstService extends AbstractSFCServiceImpl {  
  
    /**  
     * Constructor for a MyFirstService  
     */  
    public MyFirstService() {  
    }  
  
    public void doService(final SFCServiceContext ctx, final XQEnvelope envelope)  
        throws XQServiceException {  
  
        // Pass message to the outbox.  
        ctx.addIncomingToOutbox();  
    }  
}
```

# Predefined Eclipse User Libraries

Aurea

- Custom ESB Services or Interceptors projects made portable
- Projects use Libraries instead of local paths
- Backed by a single Classpath Variable SONIC\_HOME

## User Libraries

User libraries can be added to a Java Build path and bundle a number of archives. System libraries will be added to the boot class path when:

Defined user libraries:

- ▷ ESBJUnitJars
- ◀ JSDEBasicLibrary
  - ▷ xq\_core.jar - C:\Sonic 2013\ESB8.6\lib
- ◀ JSDESFCLibrary
  - ▷ xq\_core.jar - C:\Sonic 2013\ESB8.6\lib
  - ▷ esb\_sfc.jar - C:\Sonic 2013\ESB8.6\lib
  - ▷ xq\_container.jar - C:\Sonic 2013\ESB8.6\lib
  - ▷ spring-core.jar - C:\Sonic 2013\ESB8.6\lib
  - ▷ spring-beans.jar - C:\Sonic 2013\ESB8.6\lib
  - ▷ spring-context.jar - C:\Sonic 2013\ESB8.6\lib
  - ▷ mgmt\_client.jar - C:\Sonic 2013\MQ8.6\lib
- ▷ SonicConnectJars
- ▷ SonicGeneralLibrary
- ▷ SonicInterceptorLibrary

# ESB Service Layer Improvements: Concurrent Calls



- Separated Number of Listeners from Concurrent Calls
- Listeners now just define number of JMS sessions
- Concurrent Calls define how many threads can enter an ESB service instance

Service/Process Maintenance

General	Advanced
* Name:	dev.Dispatch
* Type:	Dispatch Service
* Listeners:	1
Entry Endpoint:	dev.Dispatch.Entry

Service/Process Maintenance

General	Advanced
Startup Priority:	0
Concurrent Calls:	-1

# **Problems Solved Moving to Production**

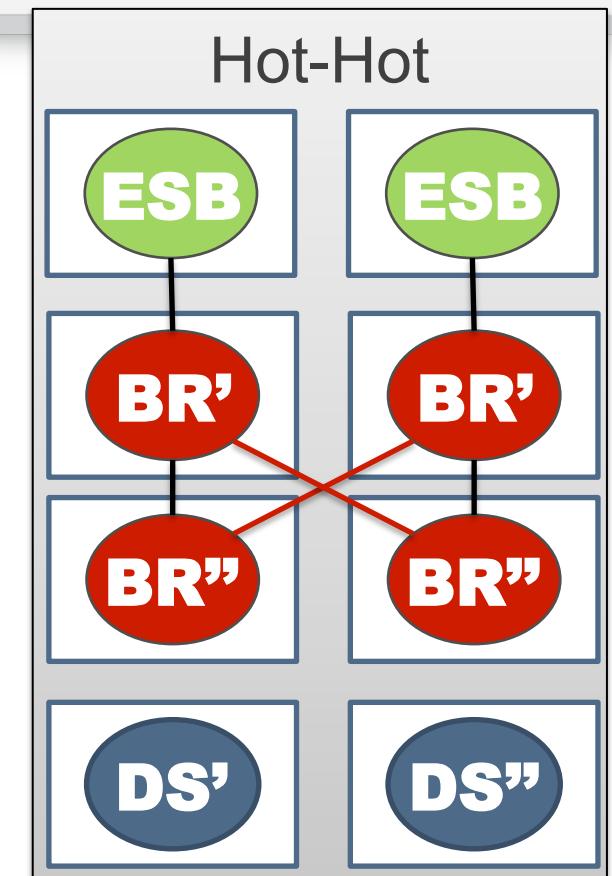
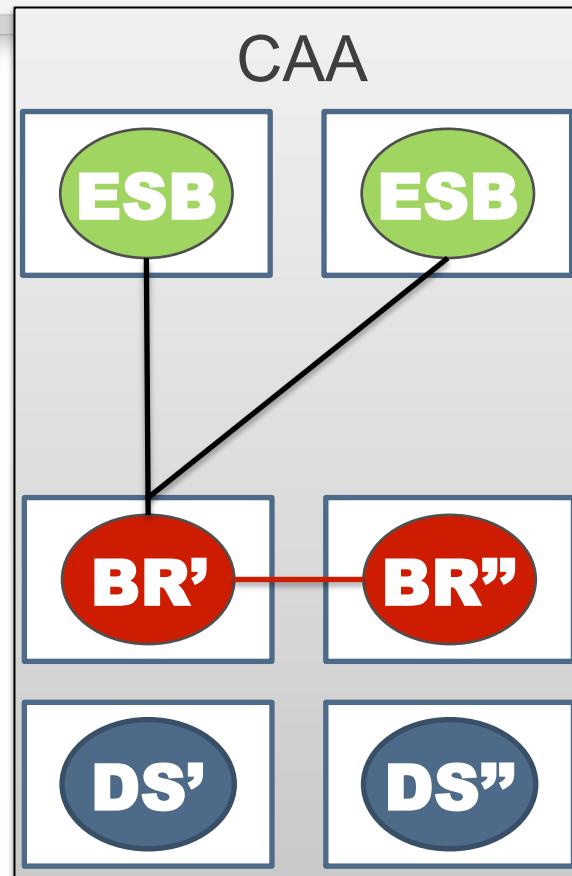
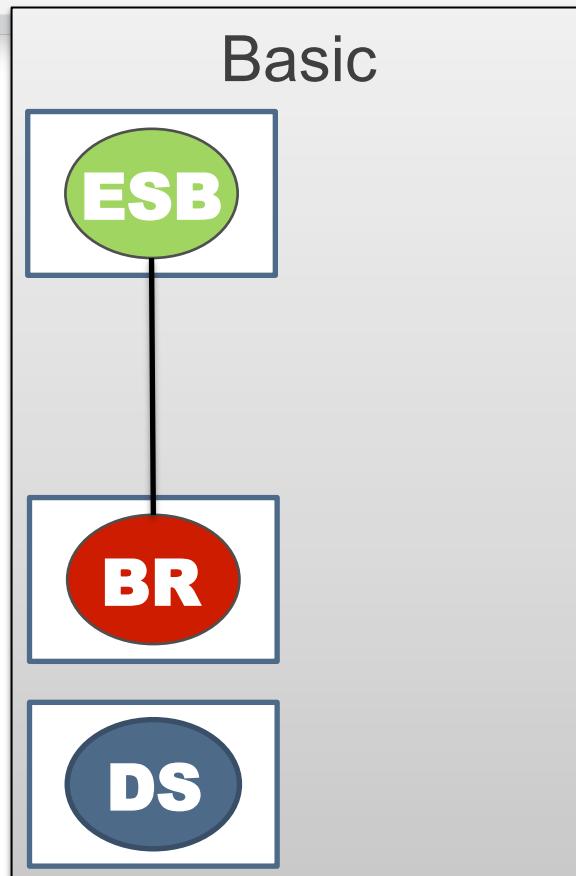
## Deployment Topology and Process Capabilities



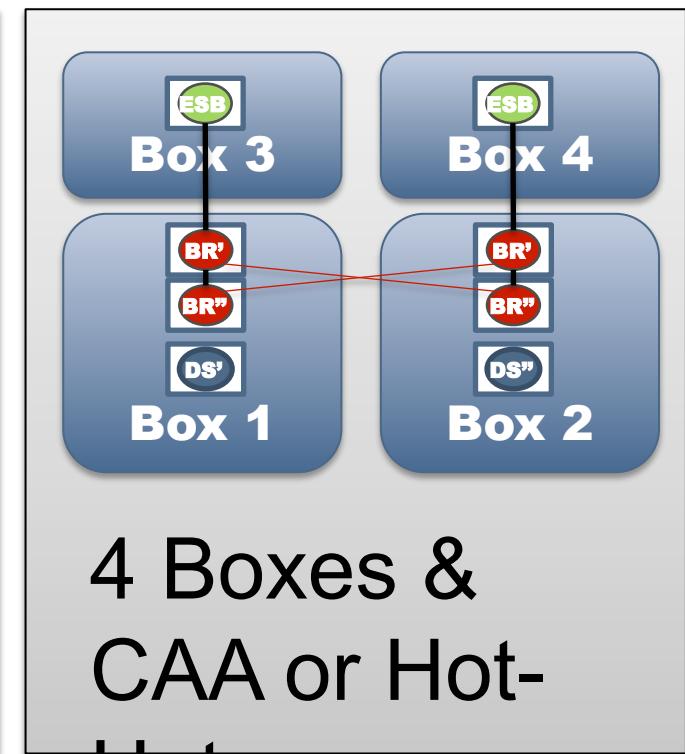
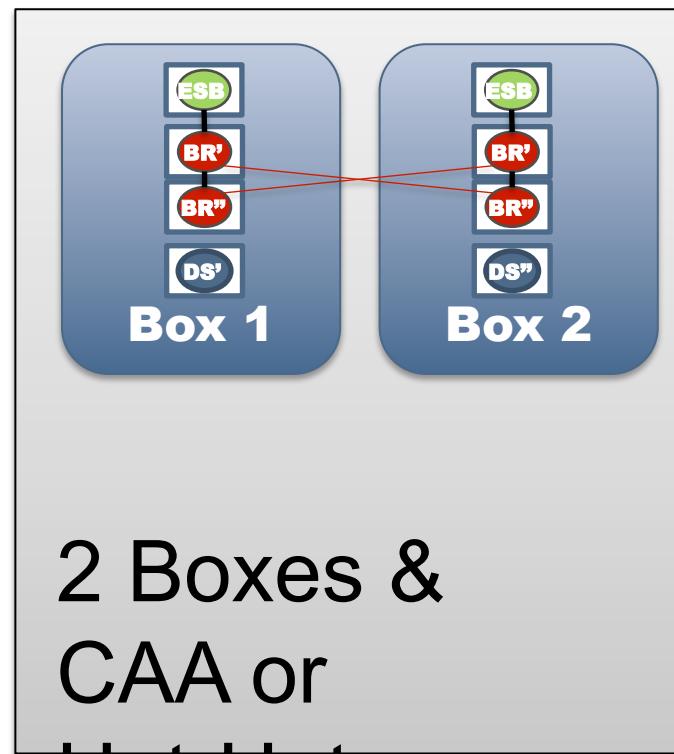
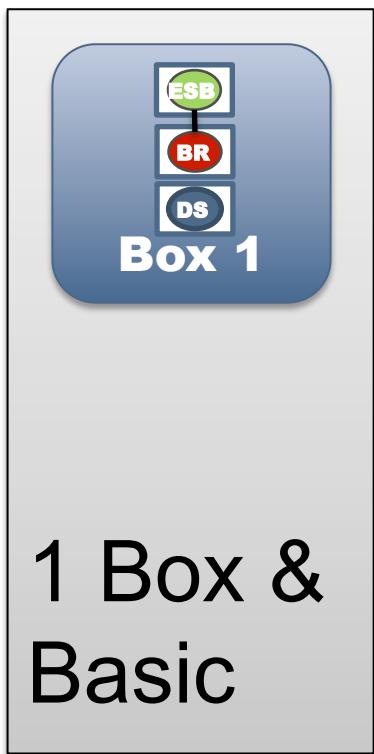
- **Problem:** Once done with development how do I move my project to testing and production?
- **Solution:** Brand new deployment topology tooling focusing on most used Logical and Physical Deployments

# Most Used Logical Deployment Patterns

Aurea



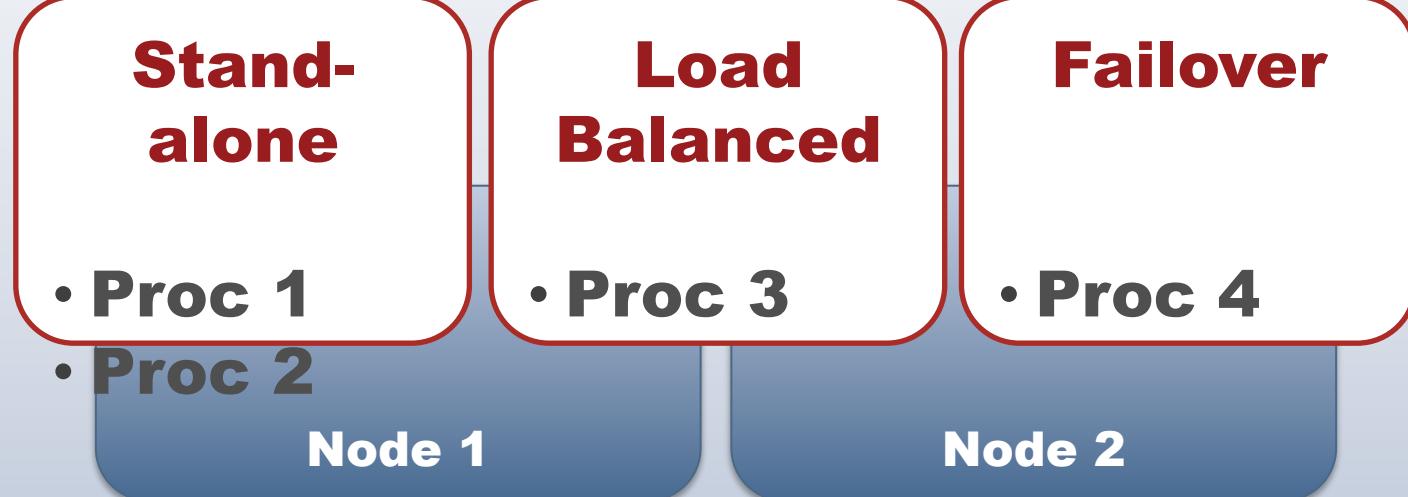
# Most Used Physical Deployments



# Process and Service Level Topology Tooling



- 1) Choose a Deployment Pattern**
- 2) Drag and Drop Processes onto Functional Areas**



# Topology Improvements



## 3) Generate an SDM Model

- Generated Artefacts:
  - Service Instances
  - Entry, Exit, Fault and RME endpoints
  - ESB Connections
  - ESB Containers
  - MF Containers
  - Brokers
  - Clusters
  - Queues/Topics

# **Problems Solved Operating Sonic**

# Continuously Improve Operations

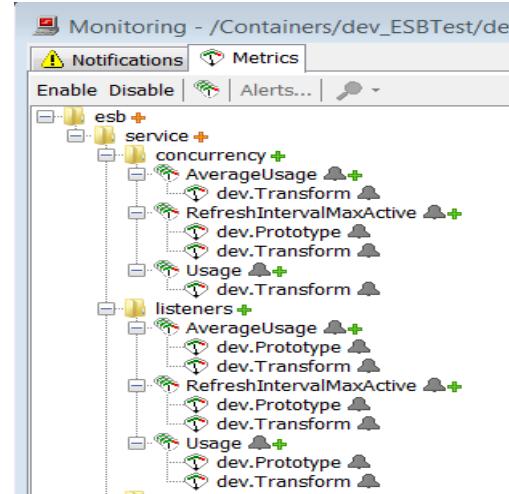


- **Problem:** How do I tune a Sonic ESB deployment?
- **Solution:** Let the services report on current and average usage.

# ESB Service Layer Improvements: New Metrics



- New Metrics for ESB Services
  - RefreshIntervalMaxActive
  - Usage
  - AverageUsage
- Both for Listeners and Concurrent Calls

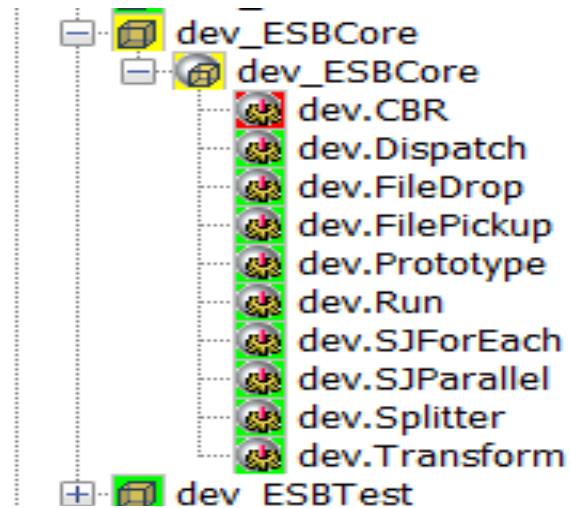


# ESB Service Layer Improvements:

Aurea

*Sub-component status reporting*

- Offline ESB Services will render containers yellow



# Flow Control Monitoring



- **Problem:** How do I find out if a messaging producer is **blocked**?
- **Solution:** SonicMQ will turn on flow control monitoring by default and without requiring restarts.

# Default Flow Control Monitor Interval for JMS Clients



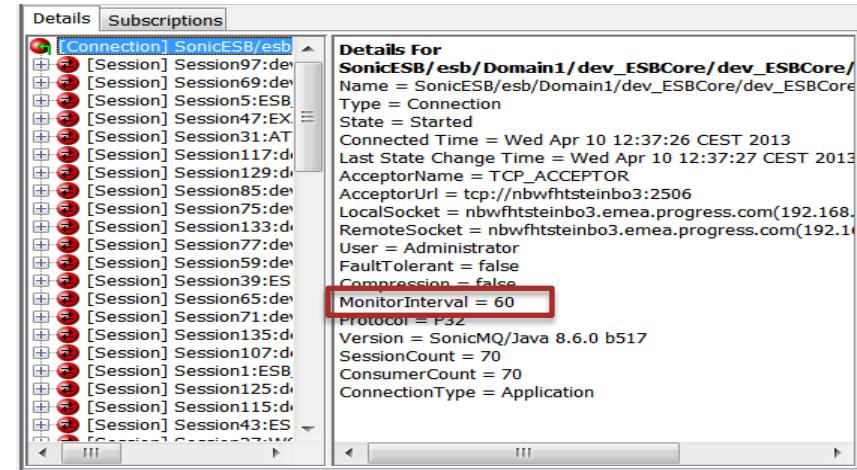
- Changed the default from 0 seconds to 60 seconds
- Broker or Cluster-wide setting
- Changes are applied dynamically to all subsequent connections

The screenshot shows the 'General' tab of a client configuration screen in the Aurea Management Console. The 'Client Default Monitor Interval' field is highlighted with a red border and contains the value '60'. Other visible fields include 'Name: clData', 'Routing Node Name: clData', and 'Authentication Domain: Default Authentication ( /Security )'. The 'Monitoring' tab is also visible at the top of the interface.

# Monitoring Interval Information per Client

Aurea

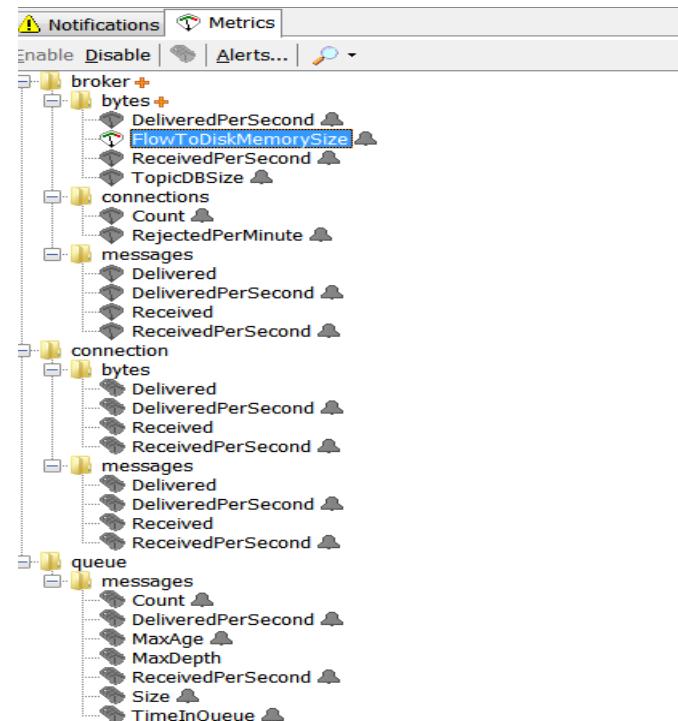
- To find out the Monitoring Interval in effect use the JMS Connection View
- Actual Value available on a per connection basis



# Blocked Producers despite Flow to Disk?



- Even with unlimited Flow to Disk a client can run into flow control ~500,000 messages
- New Metric **FlowToDiskMemorySize** showing current usage
- New Alert for high and low thresholds



# Seamless Operations



- **Problem:** How do I seamlessly run Sonic on physical hardware, virtualized environments or in the cloud without **manual interventions**?
- **Solution:** Make it agnostic to location and network changes.

# Location Transparency in Configurations



- If you want to move a broker to a new machine you have to change at least three things
  - Broker Acceptor
  - JNDI Clients
  - ESB Clients
- Many times there are many more places to change
- In future you will not have to change them at all

# Location Transparency in Client Configurations



- New **Discovery Protocol**  
`sonicrn://<routing node name>  
[?acceptor=MY_ACCEPTOR]`
- Routing Nodes can be either clusters or brokers
- URL resolves dynamically to all MY\_ACCEPTOR of the given routing node
- Supported Client Configurations
  - JNDI Connection Factories
  - ESB Connection Configurations

## Discovery Protocol ‘sonicrn’ and JMS Clients



- Location Changes of broker peers are fully transparent to CA clients
  - Zero-Downtime of the clients
  - Seamless failover
- Client caches resolved URLs
  - Update only on change

# Location Transparency in Broker Configurations



- Dynamic Host Binding auto-configures Brokers and Cluster from the runtime environment
- Auto-Configured Broker Configurations
  - Acceptors
  - Interbroker Acceptors
  - Replication Connections

# Broker Dynamic Host Binding



Turn it on at  
Broker or  
Cluster Level

Acceptor now  
takes hostname  
from target  
machine

Replication  
Connections too  
take hostname  
from target  
machine

General   SSL   Tuning   Storage   Duplicate   Metrics   Resources   Monitoring   Advanced

\*Name: MgmtBroker  
\*Control Number:  
Enable Dynamic Host Binding:

Product Information...

General   SSL

Parameters

\*Name: TCP\_ACCEPTOR  
\*URL: tcp://:2506  
External URL: tcp://:2506

Replication Connection

\*Name: Replication  
Protocol: TCP  
Primary (Hostname or IP Address):  
Primary Port: 22506  
Backup (Hostname or IP Address):  
Backup Port: 22506

# Amazon EC2 Integration

Aurea

- Amazon EC2 meta data APIs used to retrieve **public** and **private** hostnames
- Broker Acceptors and Replication Connections listen to the **private** hostname
- Both **Public** and private hostnames are reported to clients in sonicrn:// resolved URLs



## Miscellaneous Items



- DataDirect Driver update to 5.1 and rebranding
  - New classnames are `com.aurea.sonic`
- Java 7 is default
- XML Server tools and BPEL Server are removed





# Aurea 2013 Actional, DXSI & Savvion

*Product Launch Summary Review*

## Solve Problems Faster

Create, view, analyze and take fast action

Date Time	Host	Group	Service	Operation	Request Size	Call Status	Failure Reason	Response Time (ms)	Ready Size (bytes)
2013-02-08 03:35:30	Inventory	Customers	CustomerService	select	298	SUCCESSFUL		40287	298
2013-02-08 03:35:30	Inventory	Customers	CustomerService	select	298	SUCCESSFUL		40287	298
2013-02-08 03:35:30	Inventory	Customer	STOCK	select	512	SUCCESSFUL		128	512
2013-02-08 03:35:30	Inventory	Customer	STOCK	select	512	SUCCESSFUL		128	512
2013-02-08 03:35:30	Inventory	CustomerService	select	298	SUCCESSFUL			313	298
2013-02-08 03:35:30	Inventory	CustomerService	select	298	SUCCESSFUL			40287	298

**Aurea**

All Alerts | Transactions | 10

+ Alert Count / Time Alerts By Policy Alerts by worst sites Ops / Nodes Ops By Perspective Watch out Node / Time

b2b.fedex.com  
customergw  
custportal  
fdb.writenow.com  
finance  
idb.writenow.com  
inventorymgmt  
partnergw  
tax.writenow.com

sorted alphabetically

Graphic distributions on sites are fired

Create views that matter to you most

Perspective Options

Left Axis: Alert Count sort by: [dropdown menu]

Bottom Axis: Policy sort by: [dropdown menu]

Name: Alerts By Policy

Public Perspective

Delete this Perspective Save Cancel

Just now Wake up! Gold partnergw/Firewall...  
Just now Be careful... thing... Gold customergw/Order...  
Just now Be careful... thing... Gold customergw/Order...

The screenshot shows the Aurea software interface. At the top, there are tabs for 'All Alerts' and 'Transactions'. Below the tabs is a navigation bar with links like '+', 'Alert Count / Time', 'Alerts By Policy', 'Alerts by worst sites', 'Ops / Nodes', 'Ops By Perspective' (which is highlighted with a yellow arrow), 'Watch out', and 'Node / Time'. On the left, a vertical list of site names is shown, with the last item 'sorted alphabetically' written vertically next to it. In the center, there's a bubble chart where the size and color of bubbles represent alert counts for different nodes over time. A large orange bubble is visible for 'custportal'. On the right, a yellow box contains the text 'Graphic distributions on sites are fired'. Another yellow box at the bottom left contains the text 'Create views that matter to you most'. A 'Perspective Options' dialog box is open in the center-right, containing settings for 'Left Axis' (Alert Count) and 'Bottom Axis' (Policy). A dropdown menu under 'sort by' for the bottom axis is open, showing options: 'most alerts' (selected), 'alphabetical', 'most alerts', 'most alarms', 'most warnings', and 'most recent alert'. At the bottom of the dialog, there are 'Delete this Perspective', 'Save', and 'Cancel' buttons.

# Easily identify business transaction issues



**Easily analyze all associated and audits for the identified transaction**

**Easily locate business transactions by time or key business values and error conditions**

**Track transaction dependency and errors – even in flight!!!**

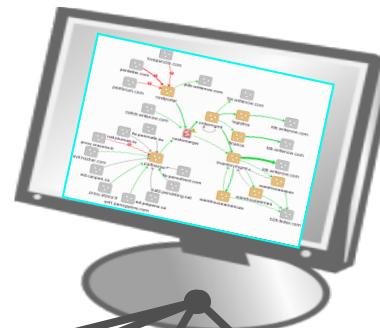
The screenshot shows the Aurea software interface. On the left, there's a search bar with fields for 'From' and 'To' dates, and a 'Search' button. Below it is a table titled 'Found 14 Transactions' with columns for 'Tran', 'Duration', 'Start', and 'Failure\_Reason'. Two rows are highlighted with red circles: row 9 (2013-02-08 10:15:45) and row 13 (2013-02-08 10:00:40). To the right of the search bar is a yellow box containing the first two bullet points. In the center, there's a dependency graph showing various operations like 'stockCheck', 'AuthCheck', and 'StockCount' connected by arrows. A yellow box below the graph contains the third bullet point. At the bottom, there's a table titled 'Recorded Operations' with columns for 'Date Time', 'Host', and 'Operation'. The table lists several entries, including 'OrderMngt', 'OrderService', 'CheckOut', and 'Checkout'.

# Centrally-defined Interceptor settings



Interceptor Settings	
Centralized Interceptor Settings	
List of settings applied to interceptors.	
Setting	Value
com.actional.lg.interceptor.jms.captureConsumerPayload	com.actional.lg.interceptor.jms.captu... true
com.actional.lg.interceptor.jms.captureProducerPayload	com.actional.lg.interceptor.jms.captu... true
com.actional.lg.interceptor.jms.onMessageRequestAnalyzedRegex	com.actional.lg.interceptor.jms.onMe... qajmstest.QAJMSListener2 qajmstest.QAJMSListener3
com.actional.lg.interceptor.sdk.maxBufferedLogEntries	com.actional.lg.interceptor.sdk.maxB... 50

Actional Management Server



Actional Agent



Actional Agent



Actional Agent



Actional Agent

# Introduced OAuth & REST support in AI

Aurea

https://localhost:4443/sst/

https://localhost:4443/sst/oauth10/authorize?oauth\_token=Yo4i

**Aurea**

Welcome to ACME

Application OAuth 1.0 demo Client wants to access OAuth 1.0 demo Application.  
Specify the rights you are willing to grant to it:

Rights  
 Get Balance  
 Withdraw  
 Deposit

Credentials

Username   
Password

Token Lifetime (seconds):



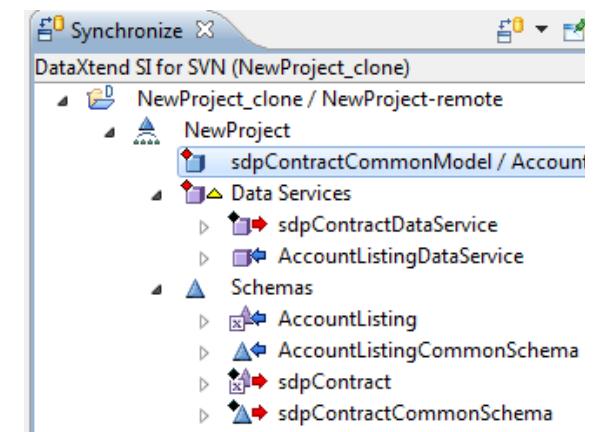
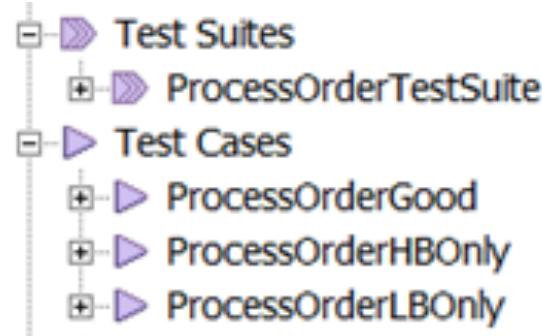
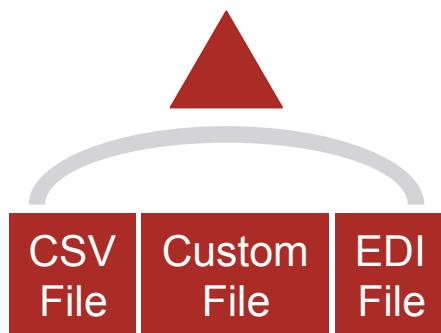
## And that's not all...



- Selectable default landing page for AMS
- Updated C++ SDK
- An updated set of Interceptors
  - New LDAP interceptor
  - Many version updates to the existing set

## ***Increase Developer and Team Productivity***

Broader file support, simpler change and test case management



# Flat-file support

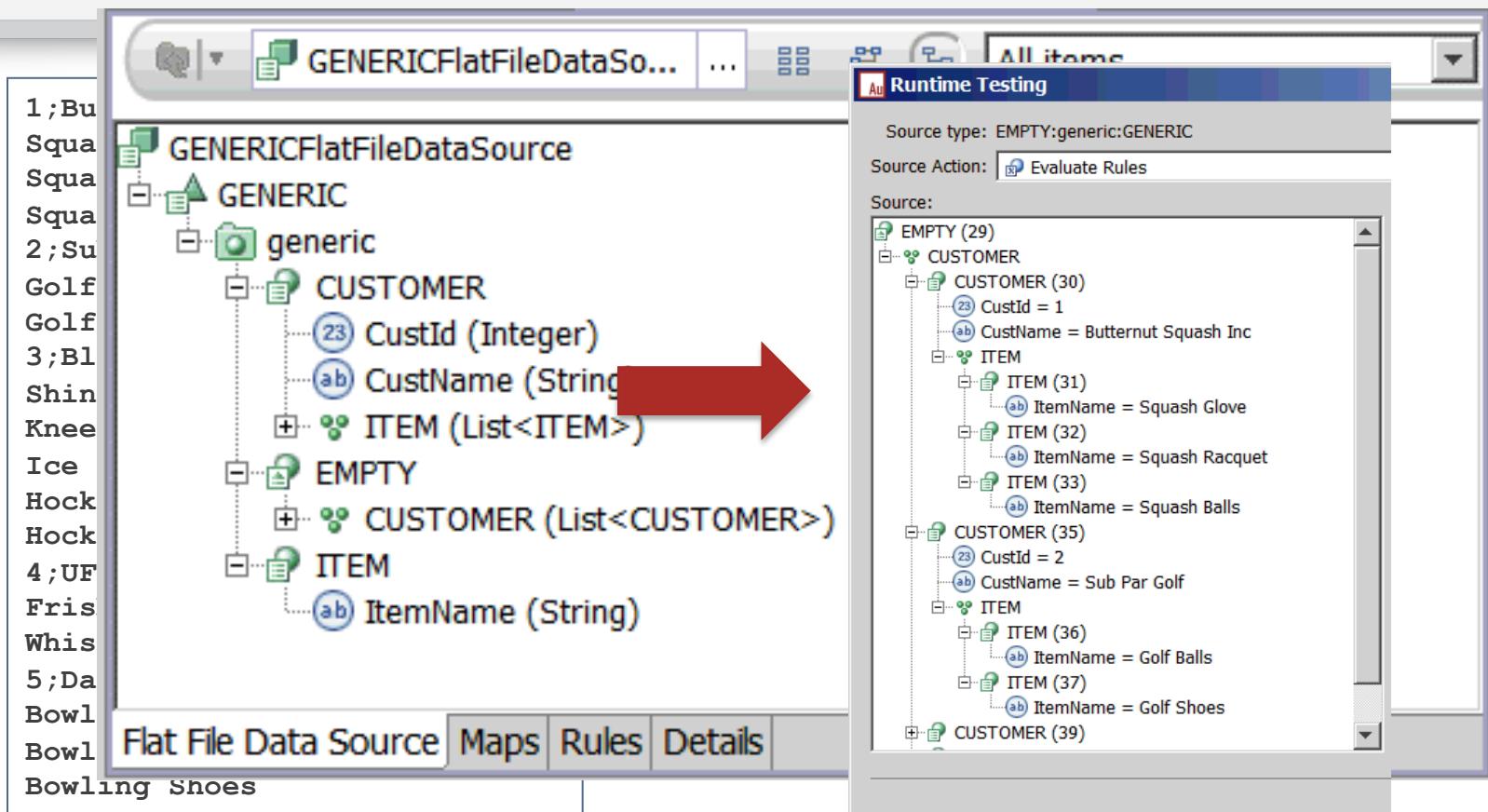


- EDI (including SEF)
- CSV
- Custom!

ACORD/AL3 [ACORD]	EANCOM	HIPAA	NCPDP [TELCO]
AHM780	EDIFACT	HL7	TRADACOMS
IATA/Cargo-IMP [CARGO] and IATA/PADIS [IATA]	Edig@s	NCPDP/SCRIPT [NCPDP]	X12

# Custom flat file

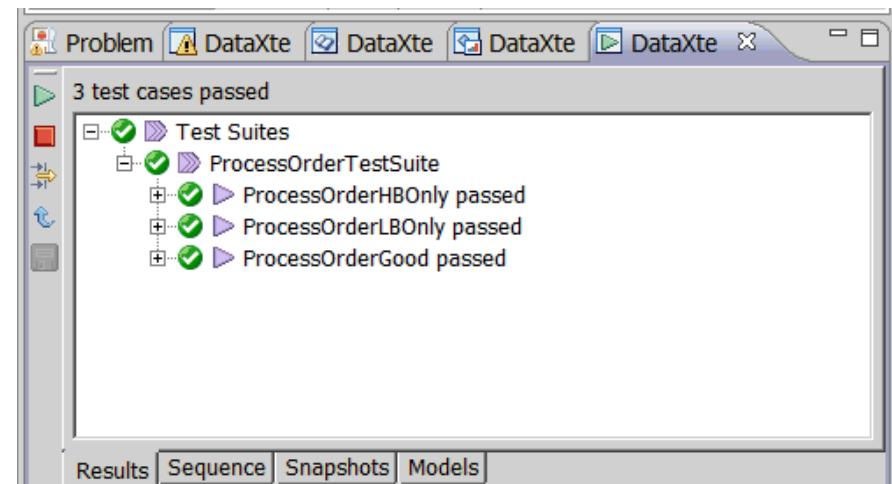
# Aurea



# Test Suites

Aurea

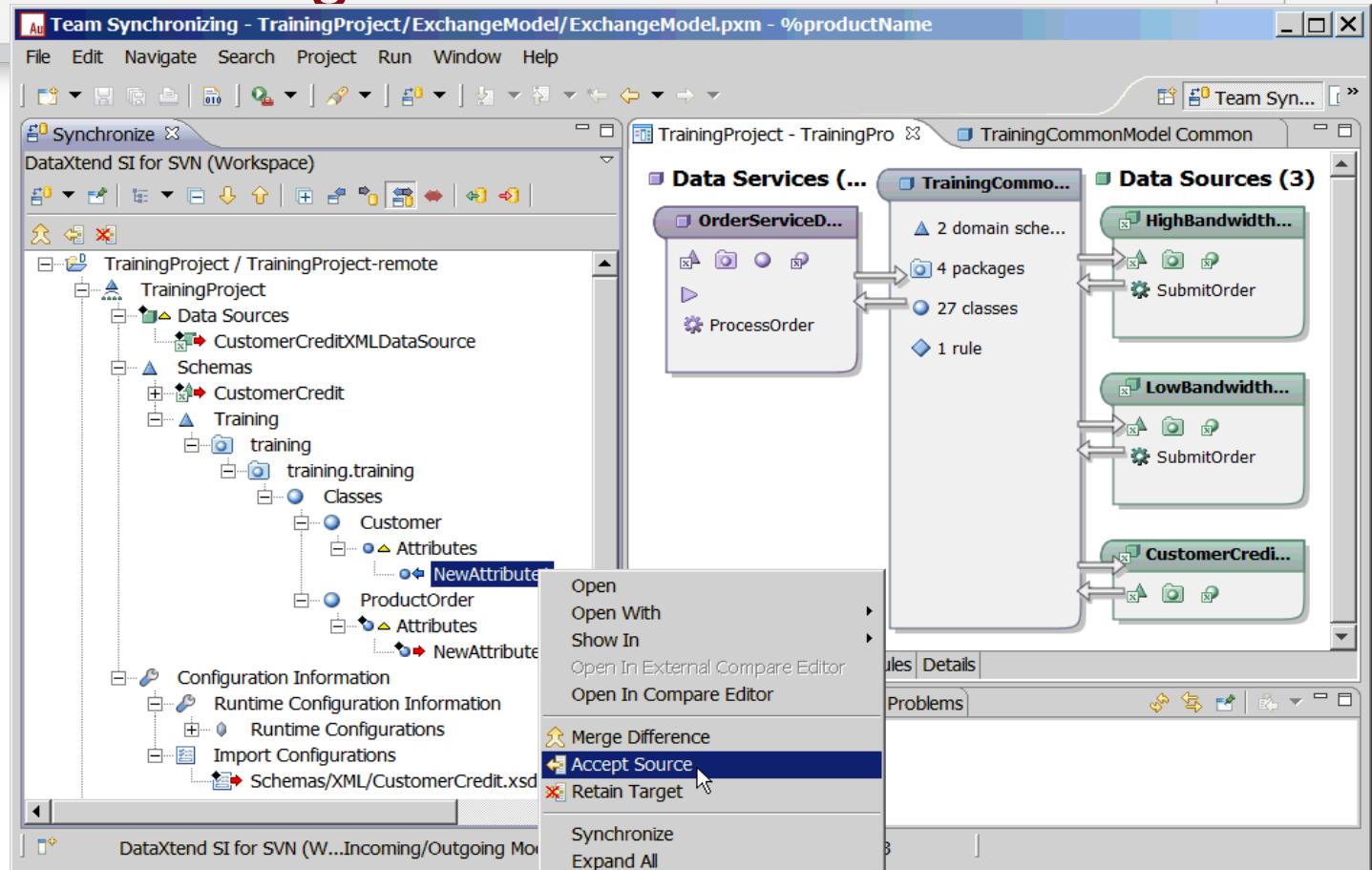
- Define the test cases to be run together in a suite
- Define the order of execution of those tests



# Team Synchronizing

Aurea

- Use SVN to collaborate
- Resolve conflicts in a familiar way



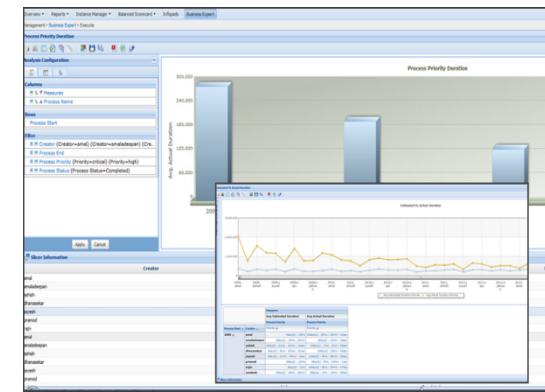
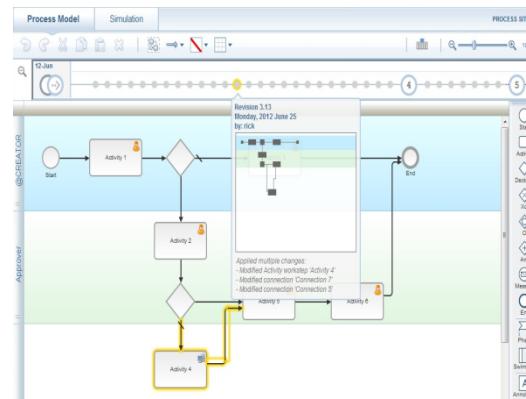
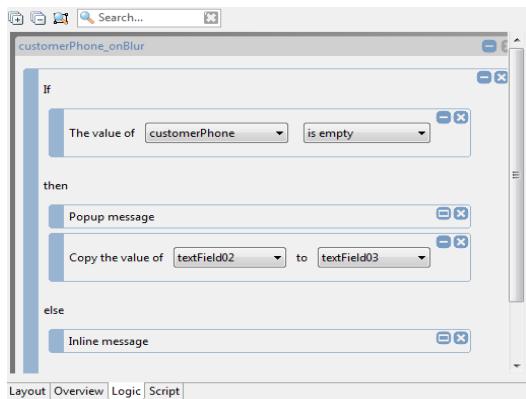
## And that's not all...



- XSD substitution groups support
- XML sample file import (no XSD)
- Multiple open projects
- Memory management
- Sharing of JARs in deployed data services

## **Dramatically easier to use – by everyone**

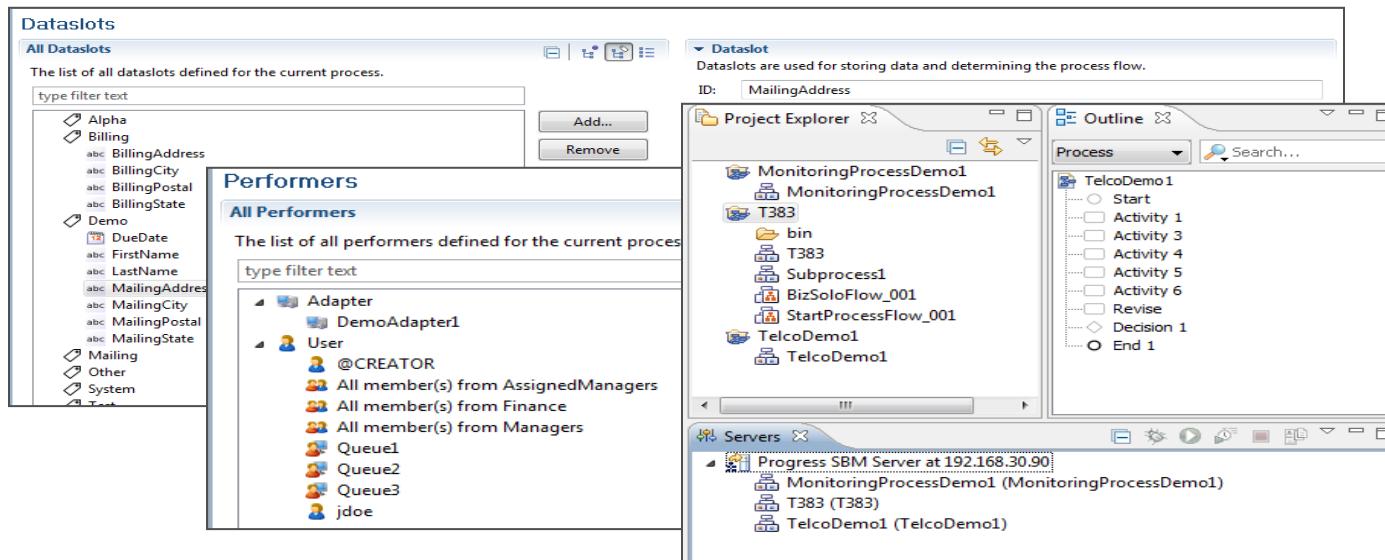
Faster development, simpler modeling and simulation  
and easier to use business analytics



# Easier to manage sophisticated projects



- Streamlined for large-scale process design
- Standard features such as search, auto-complete, tagging, etc.
- One-Click Deployment and project hierarchies



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# BPM success requires rapid implementation



A screenshot of a BPM tool's graphical user interface. On the left, there is a form designer window titled 'Activity 1' containing fields for 'Customer Name', 'Customer Phone', and 'Customer Email'. On the right, there is a 'Tasks' panel with a 'Controls' section listing various UI components like TextField, TextArea, ComboBox, Radio, List, Tree, and Grid. Below these panels is a large table titled 'Elements' which lists all the UI components and their properties such as Type, Source, Target, Choices, Validation, and Events. The table includes rows for 'customerName' (TextField), 'customerPhone' (TextField), 'textField06' (TextField), 'textField00' (TextField), 'textField01' (TextField), 'textArea0' (TextArea), 'comboBox0' (ComboBox), 'textField02' (TextField), and 'checkbox0' (Checkbox). The 'customerName' row is currently selected.

- Powerful tools for UI design
- Create dynamic applications without coding
- Optimized for non-technical
- Doesn't restrict advanced users

# Build solutions faster



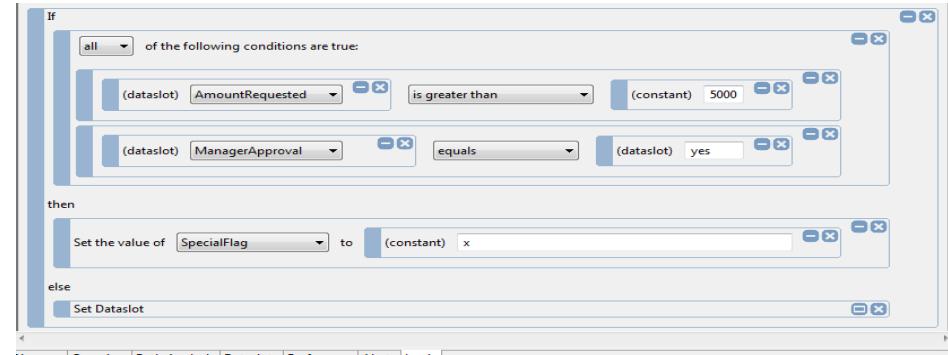
- Custom Logic without Custom Coding.
- Improves development accuracy and productivity.
- Does not limit the potential for highly advanced process design.

## Traditional Coding

```
com.savvion.sbm.bizlogic.util.Session session = null;
com.savvion.common.jst.JSTools jst = new
com.savvion.common.gel.JSTools();
Object tmp = null;
java.util.List dsList = gel.toList(new String[]{"AmountRequested",
"ManagerApproval", "SpecialFlag"});
jst.setDataslots(jst.getDataSlotRealValue(dsList));
jst.setDataslotMetadata(jst.getDataSlotMetadata(dsList));

if ((jst.compare("@AmountRequested", ">",
"5000")&&gel.compare("@ManagerApproval", "eq", "yes"))) {
    jst.copy("x", "@SpecialFlag");
} else {
    jst.copy("y", "@SpecialFlag");
}
```

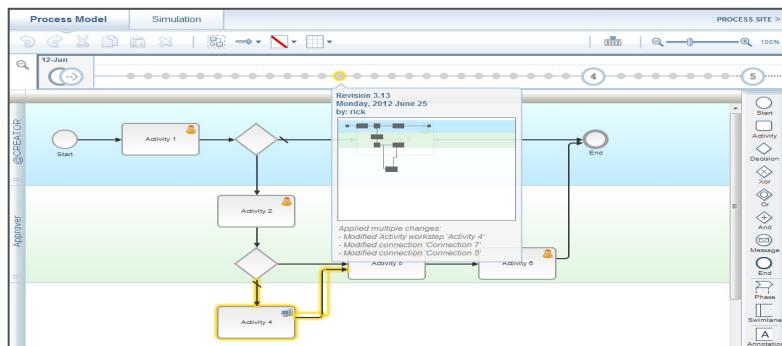
## Savvion 2013 with GEL



# Exchange ideas in real time



*Introducing “Process Edge”:*  
Making BPM accessible to the entire organization  
Business Stakeholder and Business Analyst Collaboration Center



- 100% Web based – designed for Cloud.
- Works on iPad and Android tablets.
- Changes seen in real-time by all logged in users.
- Detailed Revision History and Comparison
- Collaboration and Documentation Center
- Simulation on as-is and to-be scenarios.