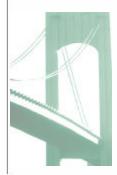


Consolidate B2B(EDI) on IBM WebSphere and increase its value by applying BPM and BAM

Gijsbert in 't Veld – Covast CTO





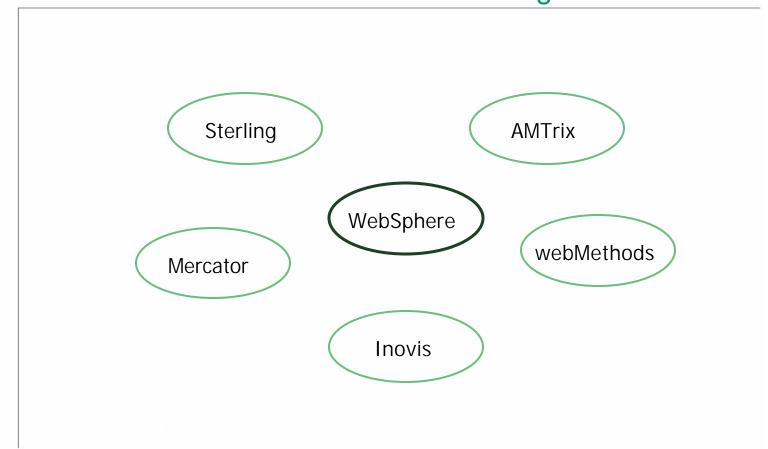


What you have today

The current integration environment



Integration Islands





Disadvantages of the current situation

- Multiple different toolsets to master
- Not a single support point
- High maintenance costs
- Not an integrated operational view
- Need integration software to integrate the integration islands



What keeps you from changing that?

- It is very expensive to manually convert these environments to a new integrated solution:
 - Lots of different document types are implemented
 - Loads of maps are used
 - On average you need to spend 4 days to convert 1 map
 - It is not uncommon to have hundreds of maps
- Bottom line: the costs of manually converting these situations do not outweigh the advantages of having one integrated solution



What now?

- Covast have a product that automates the conversion of the document definitions and maps from the old environments to the WebSphere environment
- This will reduce the conversion cost from the average of 4 days per map to 1 day per map
- Since this is the area where most man-hours are spent, this takes a way the biggest problem that keeps you from consolidating the integration islands



Consolidate

Using the Covast Map Accelerator for IBM WebSphere Data Interchange/Partner Gateway

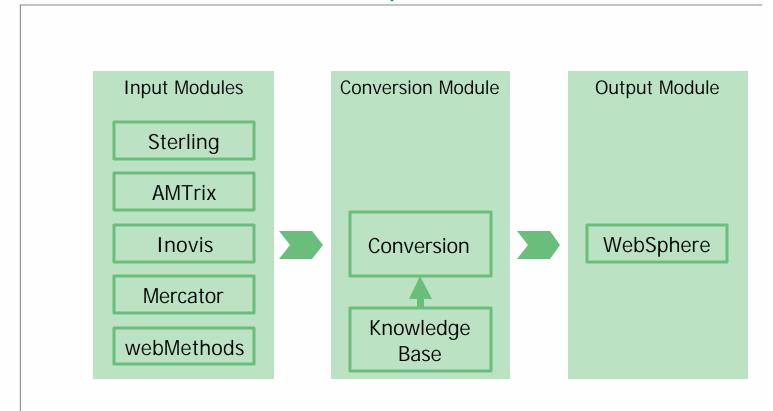


Systems supported

- The following systems are supported:
 - Sterling Gentran: Server for Unix (5.x and 6.x)
 - Sterling Gentran: Server for Windows (2.x and 3.x)
 - Sterling Gentran: Director (Pro) for Windows (2.x, 3.x and 4.x)
 - Sterling Gentran: Basic for Mainframe (6.x)
 - Axway AMTrix All versions and platforms using Datamapper 3.x
 - Mercator 6.x
- The following will become available later this year:
 - webMethods Integration Server
 - Inovis Trusted Link Enterprise

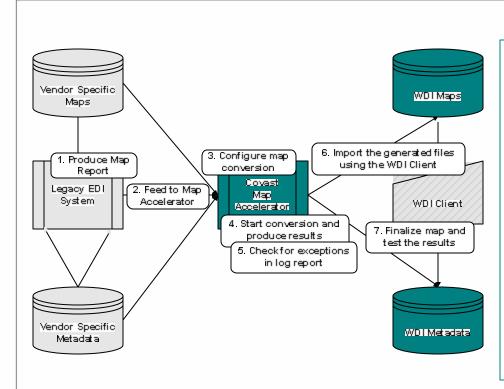


Covast Map Accelerator Architecture





High level overview



- 1. Produce a Map Report from the Legacy EDI System
- 2. Feed the Map Report to the Covast Map Accelerator
- 3. Configure the conversion process by filling out three tab pages
- 4. Select the "Start conversion" menu item this produces three IBM WebSphere Data Interchange (WDI) import files: 1 for the source document definition, 1 for the target document definition and 1 for the map
- 5. Check for exceptions and additional conversion information in the log report generated during the conversion process
- 6. Import the generated import files into WDI using the WDI Client
- 7. Within the WDI Client finalize the map in the areas that could not be converted automatically and test it using the standard WebSphere tools available



To what extent can it be automated?

- 100% migration of source and target documents
- 70% 100% automatic migration of the maps, on average only 20% needs to be done manually
- All info on the remaining 20% of the maps will be present in the WDI Mapper made easily accessible for the consultant to facilitate the manual adjustments
- Focus on finalizing the remaining 20% within the WDI Mapper
 - Documentation
 - Hotline

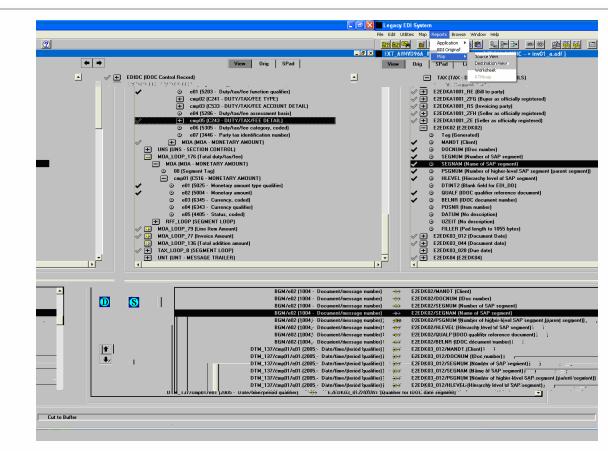


Intro to Live Demo

Migrating an EDI Map to IBM WebSphere Data Interchange/Partner Gateway

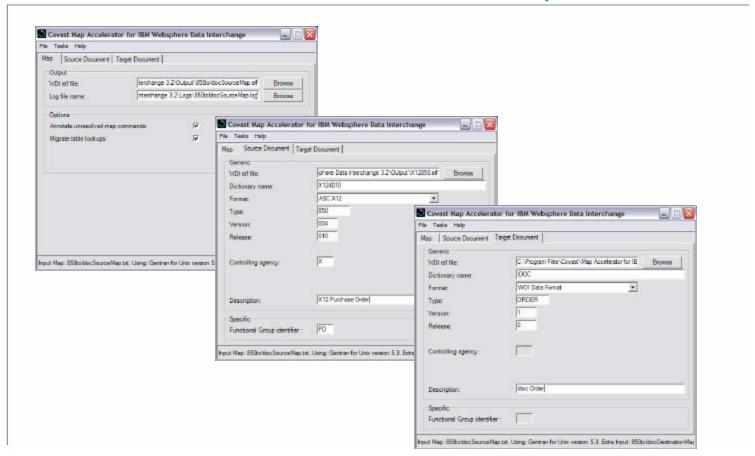


The current situation



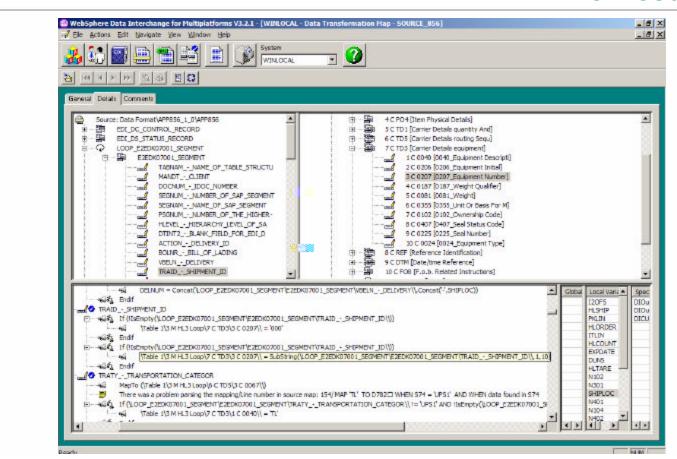


The Map Accelerator





The Result





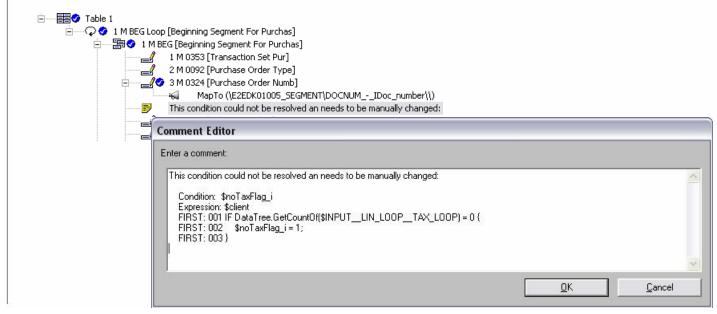
Guidelines for using Map Accelerator

1 1	INTRODUCTION	3
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2	2.1.1 Sterling Gentran:Server for Windows 2.x and 3.x. 2.1.2 Sterling Gentran:Director (Pro) for Windows 2.x and 3.x. 2.1.3 Sterling Gentran:Server for Unix 5.x and 6.x. 2.1.4 Sterling Gentran:Basic for Mainframe 6.x. 2.1.5 Axway AMTrix Datamapper 3.x. 2 CONFIGURE AND EXECUTE THE MAP CONVERSION	5
3.1 3.2	COMPLETING THE GENERATED WDI DOCUMENT DEFINITIONS	16 17
4.1 4.2 4.3 4.4 4.5 4.6	Map logic that could not be converted. Conditions. NOT	
5	TESTING THE GENERATED WDI MAPS	
5.1		



Zoom in – Unresolved Map Logic

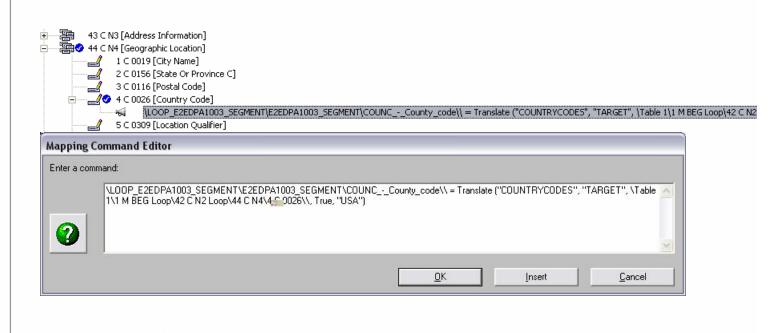
• Unresolved conditions, map rules and proprietary scripts will surface in the WDI Map as comments, placed in the right context whenever possible; the consultant can interpret these comments and create the appropriate WDI equivalent logic





Zoom in – Table lookups

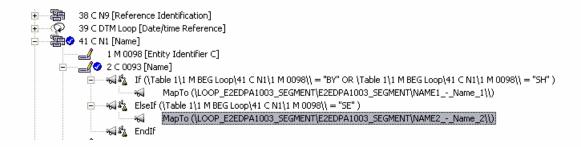
• Table look ups are automatically converted to the appropriate WDI map logic: the "Translate" function





Zoom in – Conditions

 Conditional map logic will result in the appropriate if-then-else logic in the generated WDI maps





Live Demo

Migrating an EDI Map to IBM WebSphere Data Interchange/Partner Gateway

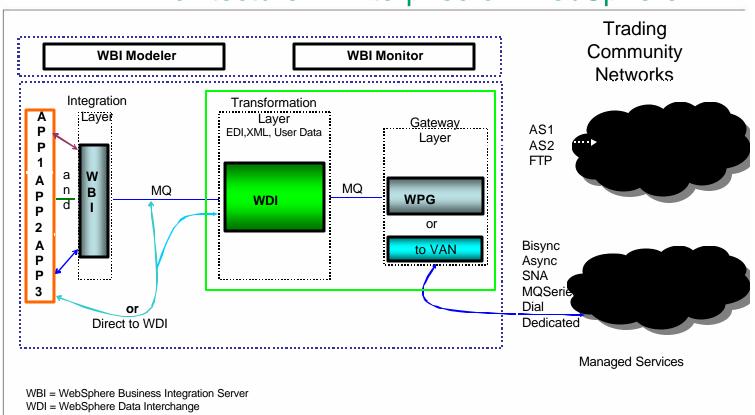


The New Situation

One integrated environment for B2B (EDI) and A2A

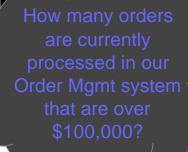


Architecture - Enterprise on WebSphere BI



WPG = WebSphere Partner Gateway

VAN = Value Added Network (for example GXS)



Management
Milestones of
Interest

Received Order

Order

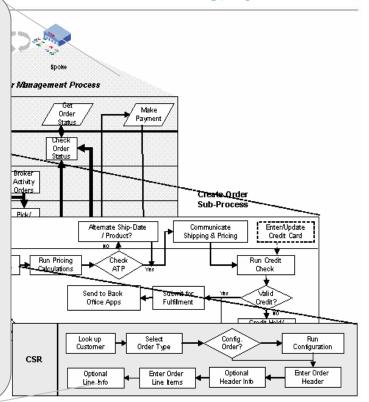
Cancelled Order

Delivered and Confirmed

product X over he past couple of hours?

What is the average Cycle Time Duration per order?

BPM and **BAM**





Covast Information

- Covast was founded in 1996 and has offices in Rotterdam,
 Atlanta and Seattle
- We specialize in XML, EDI and Mapping
- We have 300+ customers worldwide Intel, Nortel, Lyondell, Corning, Siemens....
- To learn more, visit <u>www.covast.com</u> or:

- Call: 1 866 COVAST1 (US)

- Call: +31 10 2351022 (Europe)

- Email: sales@covast.com