E2open and OAGIS in the cloud

Demo and Customer Use Cases

OAGi Plenary – Nov 2013
Agenda

• Recap from my presentation last year
• Live Demo
• Recent Customer Use Cases
• Q&A
Recap from my presentation last year
E2open Products
A Comprehensive Stack

E2 Analytics
- Execution Dashboards
- Business Intelligence

E2 Planning & Response
- Rapid Optimization
- Rapid Resolutions

E2 Process Management
- Demand Management
- Multi-Tier Management
- Supply Management

E2 Cloud Connectivity
- Network Content
- Onboarding Management
- Access Channels
- Execution Engines
E2 Cloud Connectivity

How do we achieve results?

• Obtain and deliver timely and accurate data
• Connect to any trading partner using technologies already familiar to them by supporting any-to-any protocol and data format
• Lower cost and on-boarding times by offering a portfolio of options to manage trading partner on-boarding programs

What metrics do we impact?

• Decrease data latency and improve data quality
• Reduce time to propagate decisions down/up the supply chain
• Improve service levels to onboard trading partners
• Lower Total Cost of Ownership for trading partner connectivity
• Increase services availability

E2 Cloud Connectivity

Network Content
(Reusable IP Assets)

• TP Connections
• Product Maps
• Network Interconnects
• Application Connectors

Onboarding Management
(On-boarding Tools & Services)

• Community Management
• Map Management
• Design Studio / XMap
• Test Manager

Access Channels
(Multiple ways to connect)

• Connectivity Protocols
• E2open B2B Client
• User Portal
• Excel Client

Execution Engines
(Scalable & Redundant Cloud Architecture)

• Transaction Processing
• Payload Transformation
• DataHub (ETL)
• Network Console

E2open Business Network
OAGIS Canonicals & Product Maps

E2 Analytics
E2 Planning & Response
E2 Process Management

Microsoft Excel

Trading Partner

WIP

E2 Cloud Connectivity

E2open Tenant

Trading Partner

OAGIS TPs
RosettaNet TPs
American EDI TPs
European EDI TPs
TPs

E2open Tenant

ORACLE Fusion
EAI

IDOCs, BAPIs
E2open OAGIS Canonical Definitions
Product Maps

Other

XML, Flat File, etc.

Product Maps

Other Payloads

E2open OAGIS Canonical Definitions
Product Maps

Network Content
Onboarding Mgmt
Access Channels
Execution Engines

TPs

E2open Tenant

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Microsoft Excel

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E2open Tenant
Self Service Onboarding and Map Management

E2 Cloud Connectivity

Systems Integrator Self Service Onboarding

Tenant Self Service Onboarding
- Select Protocol Preference
- Select Payload Preference
- Select existing Standard Map or Map Deviation
- Define business processes (roles and messages)

TP Self Service Onboarding
- Select existing Standard Map or Map Deviation
- Select Payload Preference
- Select Protocol Preference

E2open Tenant
- Backend System or Private E2open Network

E2open Network Onboarding Team & Transform CoE

Trading Partner System

Self Service Map Management

Map Lifecycle Management

Power User or Drag & Drop Mapping Tools

E2open Network Onboarding Team & Transform CoE

Map Authoring Tools
A Selection of Recent Use Cases
Rapid Partner Onboarding leveraging reusable assets

• The customer indicated that their DIY approach was limited to one-TP-at-a-time and was on average taking 11 weeks/TP
• After selecting E2open, they were able engage multiple partners in parallel, leveraging standard message guides, product maps through OAGIS canonicals
• A recent onboarding wave included 7 partners in 10 weeks
  • Kick off/exchanges of docs – Week 1 (Standard message guides)
  • Connectivity – Week 2 (Multiple options for TPs to pick from)
  • TP develops their interfaces to E2open X12 specifications – Week 2-5
  • Integration testing – Week 6 (Web-based visibility app)
  • UAT – Week 6-7
  • Prod Prep – Week 7-8 (Automated Promotion process)
  • Go Live – EOW 9
  • Smoke Test/Validation – Week 10
E2 Cloud Connectivity

E2open B2B Client exchanging OAGIS BODs

Tenant
- SyncItemMaster 9.4.1
- ProcessPurchaseOrder 9.4.1
- CancelPurchaseOrder 9.4.1
- ChangePurchaseOrder 9.4.1
- AcknowledgePurchaseOrder 9.4.1
- NotifyShipment 9.4.1
- AcknowledgeReceiveDelivery 9.4.1
- ProcessShipment 9.4.1
- NotifyShipment 9.4.1
- ProcessProductionOrder 9.4.1
- ShowWIPStatus 9.4.1
- ProcessReceiveDelivery 9.4.1
- AcknowledgeReceiveDelivery 9.4.1
- ProcessInventoryCount 9.4.1
- ShowInventoryBalance 9.4.1

3PL Partners
- PO Receipts
- Quality Inspection
- Work Order Execution
- Put away
- Replenish
- Picking
- Kitting
- Packing
- Doc Gen
- RMAs

Global provider of mission-critical communications solutions and services for enterprise and government customers
Global provider of mission-critical communications solutions and services for enterprise and government customers

- Critical Business Process Outsourcing is only successful with Bi-directional, closed-Loop, end-to-end Functional Acknowledgements
- Timely build, export clearance, and shipments are dependent on this tight closed loop process
Leading manufacturer-independent provider of maintenance, repair, overhaul and modification services for civil aircraft

E2 Cloud Connectivity

- TenderOffer 6.2
- TenderResponse 6.2
- PlannedShipment 6.2
- PlannedShipment 6.2 (Instructions)
- ShipmentStatus 6.2
- ProcessShipment 9.4.1
- AcknowledgeShipment 9.4.1
- NotifyShipment 9.4.1
- ShowShipment 9.4.1
- NotifyShipment 9.4.1
- IFTMBF D99B
- IFTMBC D99B
- FFR 6
- FFA 4
- FWB 16
- FHL 4
- FSU 14

Carriers & Cargo Providers

- Std EDIFACT Msg Guides
- Std CargoIMP Msg Guides

Tenant

Network

Space Reservation

Call off

Master AWB
Global supplier of touch solutions including touchscreen components, touch monitors, and all-in-one touch computers.

**E2 Cloud Connectivity**

<table>
<thead>
<tr>
<th>Process/Mapping</th>
<th>ID Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProcessSalesOrder 9.4.1</td>
<td>850 4010</td>
</tr>
<tr>
<td>AcknowledgeSalesOrder 9.4.1</td>
<td>855 4010</td>
</tr>
<tr>
<td>NotifyShipment 9.4.1</td>
<td>856 4010</td>
</tr>
<tr>
<td>ShowInvoice 9.4.1</td>
<td>810 4010</td>
</tr>
<tr>
<td>ProcessShipment 9.4.1</td>
<td>943 4010</td>
</tr>
<tr>
<td>ProcessShipment 9.4.1</td>
<td>204 4010</td>
</tr>
<tr>
<td>AcknowledgeReceiveDelivery 9.4.1</td>
<td>944 4010</td>
</tr>
<tr>
<td>ProcessShipment 9.4.1</td>
<td>940 4010</td>
</tr>
<tr>
<td>NotifyShipment 9.4.1</td>
<td>945 4010</td>
</tr>
<tr>
<td>ProcessInventoryCount 9.4.1</td>
<td>947 4010</td>
</tr>
</tbody>
</table>

- **Customers**
  - 810 4010
  - 850 4010
  - 855 4010
  - 856 4010
  - 810 4010

- **3PLs**
  - 204 4010
  - 940 4010
  - 945 4010
  - 947 4010

- **Tenant**
  - E2open
  - B2B Client exchanging IDocs

- **E2open B2B Client exchanging IDocs**
  - SAP
  - Std X12 Msg Guides

- **Mapping**
  - Pooling
  - Picking
  - Kitting
  - Packing
  - Carrier Assignment
Benefits of leveraging the OAGIS-based B2B Integration in the cloud

• Needed to move quickly
  • Expedited deployment due to divestiture situation from Tyco
  • Out-of-the-box SAP IDoc support to seamlessly work within an SAP environment
  • Tap into network of partners that could be reused (carriers, distributors, suppliers, etc.)

• Ease of deployment given their limited resources

• Foundation of collaborative platform that would enable them to cover the essential processes via B2B now
  • Connectivity before pursuing process collaboration
Direct Marketing Company for beauty, skincare, entertainment and wellness consumer products

- Big Bang Implementation of Process Management Applications and a handful of key suppliers in the first business release
- Seamless business process spanning B2B and UI actions

E2 Cloud Connectivity

- ProcessPurchaseOrder 9.4.1
- AcknowledgePurchaseOrder 9.4.1
- CancelPurchaseOrder 9.4.1
- ChangePurchaseOrder 9.4.1
- AcknowledgePurchaseOrder 9.4.1
- NotifyShipment 9.4.1

E2 Analytics

E2 Planning & Response

E2 Process Management

- Project is Connect2G|R
- Trust, Collaboration and Real-Time Data
- Vertically integrated suppliers co-located in a single hub
- Allows a shift from a push based model to customer order driven execution
One of the largest electronic product manufacturers in the world

E2 Cloud Connectivity

ORDERS ORDERS01 → ProcessPurchaseOrder 9.4.1 → 850 4010
ORDRSP ORDERS05 → AcknowledgePurchaseOrder 9.4.1 → 855 4010
ORDRSP ORDERS05 (Status) → ShowPurchaseOrder 9.4.1 → 870 4010
DESAVD DELVRY03 → NotifyShipment 9.4.1 → 856 4010
INVOIC INVOIC01 → ShowInvoice 9.4.1 → 810 4010
SHPMNT MBGMCR03 → ProcessInventoryCount 9.4.1 → 846 4010
MBGMCR MBGMCR03 → ShowSalesReport 9.4.1** → 867 4010

** BOD developed by E2open and contributed to OAGi

AS2 Gateway Exchanging IDocs

Tenant

Distributors

Std X12 Msg Guides
Q&A