

Welcome to Boomi Essentials

Version 2.0

Agenda

- AtomSphere Basics
- Build Tab
- Deploy Tab
- Manage Tab
- Help and Support Options

How Our Class Works

I will demo the
activity, then it
is your turn

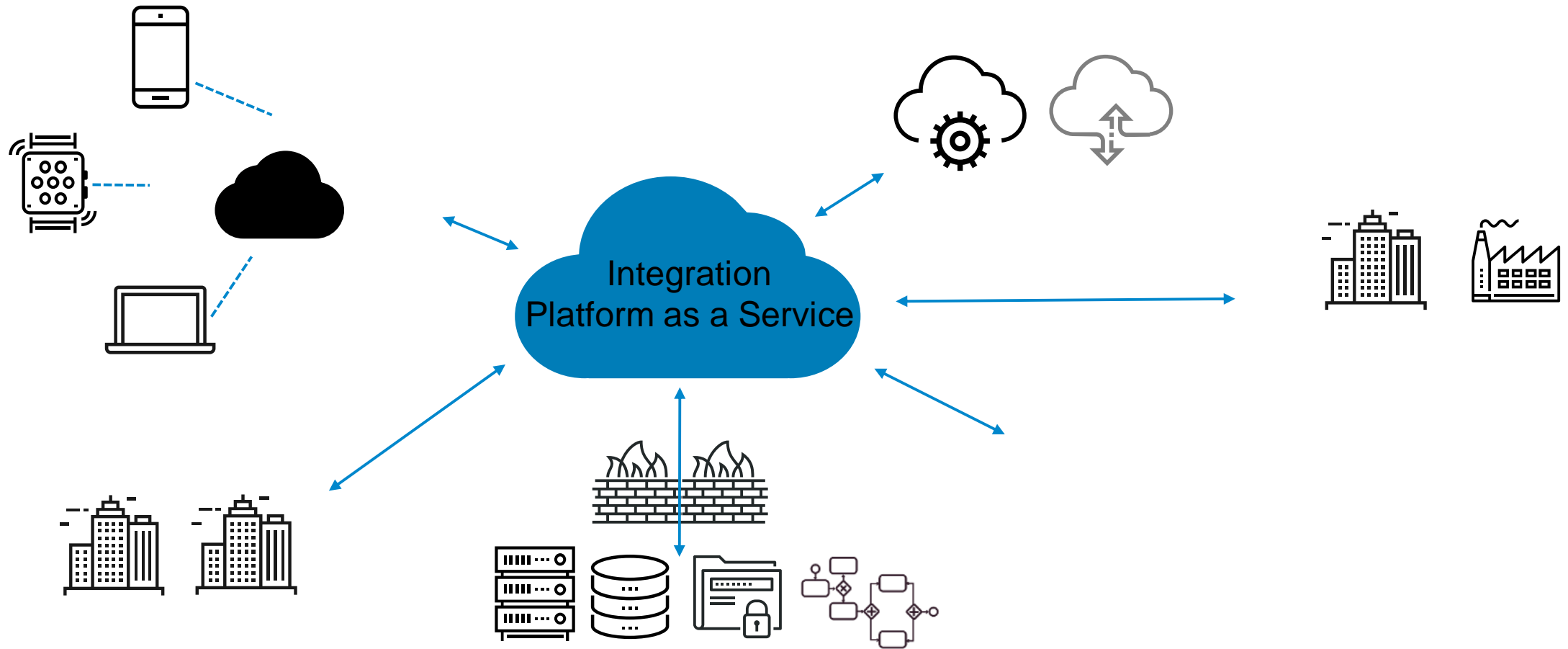
Stay with us!

Multi-faceted
approach



AtomSphere Basics

The Industry's #1 Integration Cloud



Accessing the Platform

<https://platform.boomi.com>



Email Address

Password

Log In

[Help. I forgot my password.](#)

Don't have an account?
Learn more about [application and data integration solutions](#) from Dell Boomi.

Parts of AtomSphere UI

The screenshot displays the Boomi AtomSphere user interface. The top navigation bar is blue and contains the Boomi AtomSphere logo, a notification bell, 'Boomi Essentials' with a user icon, a help icon, and a dropdown menu labeled 'AtomSphere'. Below this, a secondary navigation bar includes 'Dashboard', 'Build' (highlighted with an orange box), 'Deploy', and 'Manage'. The left sidebar features a search bar and a tree view with folders: 'Boomi-Training', '#Connections', and 'Boomi Essentials'. The central workspace is divided into three main sections, each outlined with an orange box: 'Open A Recent Item' (containing 'Processes' and 'Components' lists), 'Create' (containing 'Process', 'Atom Runtime', and 'Component' lists), and 'Learn' (containing a list of documentation links). A 'Browse Process Library' link is located at the bottom left of the workspace. A purple box at the bottom center contains the text 'Administration Links'.

Boomi AtomSphere

Dashboard Build Deploy Manage

Search for component or folder

+ New Welcome

Boomi-Training
#Connections
Boomi Essentials

Open A Recent Item

Processes

- Account XML to CSV

Components

- Account XML to CSV
- Account CSV
- Account XML
- Write Unique
- BTC Directory

Create

Process

Atom Runtime

- Atom
- Molecule

Component

- Certificate
- Connection
- Connector Operation
- Cross Reference Table
- Custom Library
- Document Cache
- Map
- Map Function
- Process Property
- Profile

Learn

- Building Processes
- Building Connectors
- Building Data Maps
- Testing Processes
- The Boomi Atom
- Deploying Processes
- Process Reporting
- Atom Management
- Account Setup
- Boomi Mobile Manage App
- Browse the User Guide

Browse Process Library

Administration Links

Parts of AtomSphere UI

Boomi AtomSphere

Dashboard ▾ Build Deploy Manage ▾

Search for component or folder

+ New

Boomi-Training
#Connections
Boomi Essentials

Create Component

** Required fields.*

Type Process ▾

Name *

Folder * \Boomi Training

Create Cancel

Browse Process Library

Process Call
Process Route
Data Process

Save Save and Close Close

Revision History

Create Component
Window

Process Library

- Process Library allows master accounts to publish processes and API components to sub accounts which can serve as templates for new processes.
- Users can access the published processes and install copies in their accounts.
- Dell Boomi publishes processes for all account users to install as samples and snippets to help direct development for certain common integration patterns.

[Browse Process Library](#)

Boomi Process Library

The Boomi Process Library lets you browse, view, and install published processes into your account. When you install a process, the process component and all of its dependent components are copied into your account. (Passwords are not included in the dependent components.) Once you install a process, you can open it in the process canvas and edit it.

In most cases, building a process using an installed process as a template is simpler than building a process from scratch.

Search Results

Sort by Published Date ▼

Microsoft Azure Service Bus Basics Examples

Published on 08 Mar 2017 01:19:12 by Dell Boomi

View

Install

This bundle contains multiple example processes demonstrating the basics of working with the Microsoft Azure Service Bus...

Amazon Alexa Deploy Process

Published on 03 Mar 2017 14:50:00 by Dell Boomi

View

Install

This process shows how to receive a voice command from Amazon Alexa and invoke an action using the AtomSphere platform A...

Google Drive Basics: List, Get, and Create Files

Published on 27 Feb 2017 21:12:36 by Dell Boomi

View

Install

This process shows to integrate with the Google Drive REST API using the HTTP Connector to list, get, and write files.

MDM: Synchronization Examples

Published on 07 Feb 2017 16:53:21 by Dell Boomi

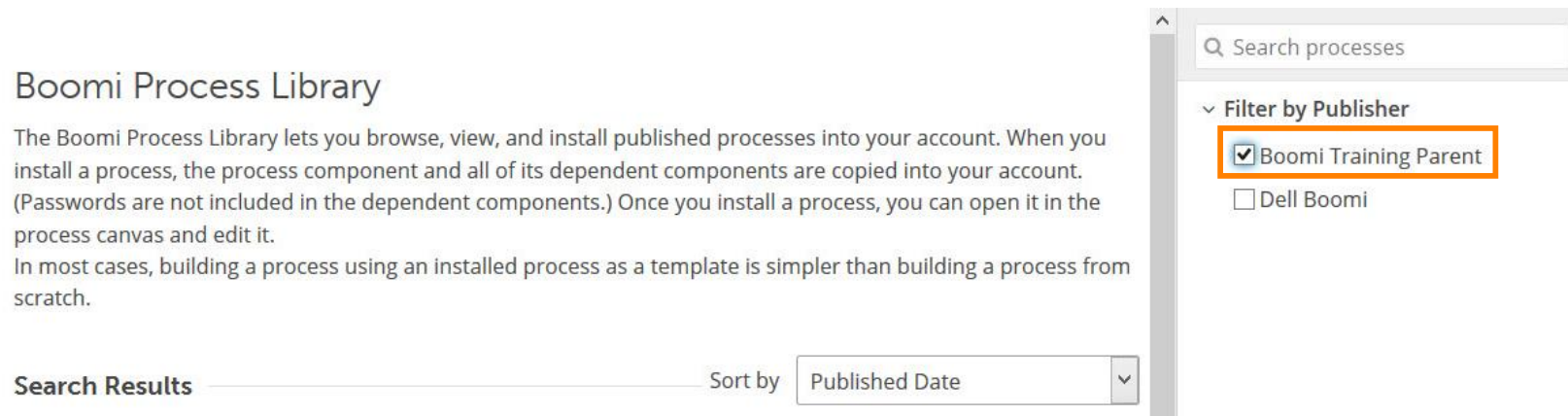
View

Install

This process contains ALL synchronization example processes so they can be installed

Process Library

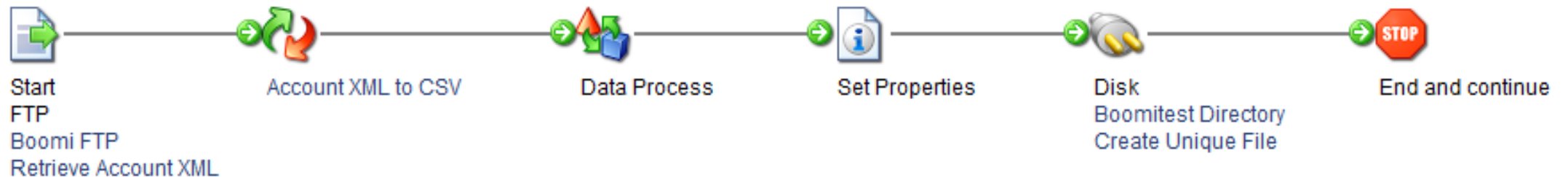
- We will use the Process Library feature to install specific training processes for our activities during all training courses.
- The processes are all listed by class name under the Boomi Training Parent.



- The processes are just templates and we will still need to develop, create, add, and configure shapes as part of the integration process.

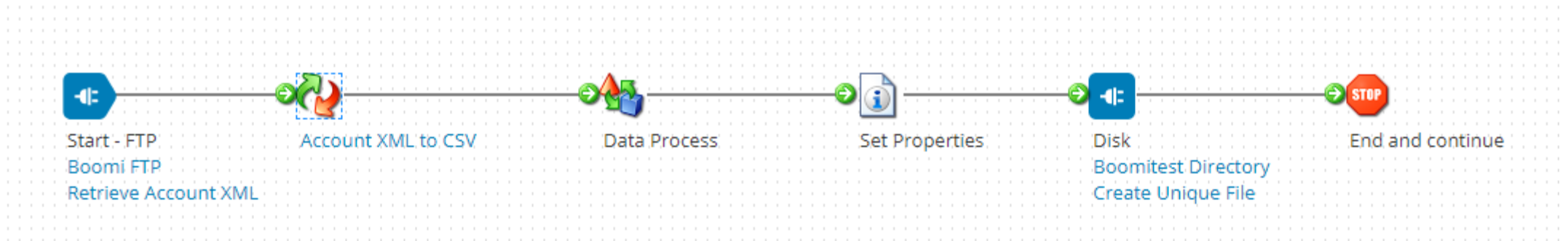
Boomi Integration

- **What is a Dell Boomi Integration?**
 - Dell Boomi makes it possible for companies to integrate applications, data, and trading partners directly from the Web by using a visual designer with access to a library of integration components.



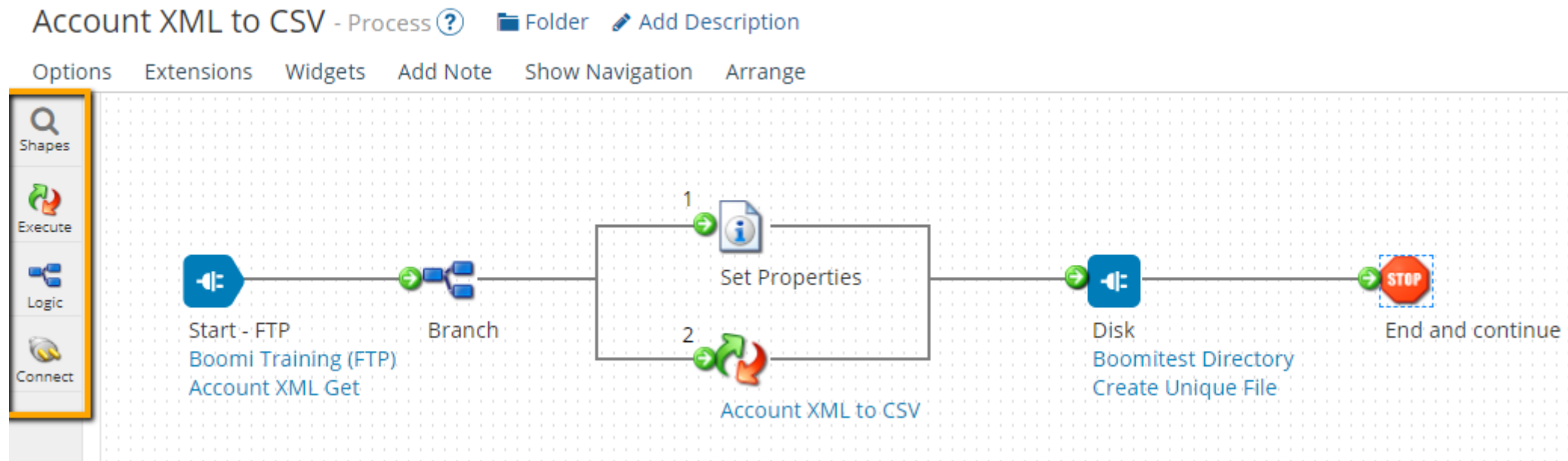
What is an AtomSphere Process?

- It is the Core Integration Component
- Processes are built, deployed, and managed
- Contains all of the shapes and components required in a full integration flow
- The act of running a Process is called an *Execution*



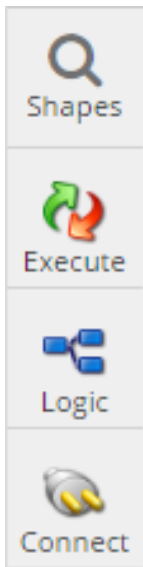
AtomSphere Shapes

- Available shapes:



AtomSphere Shapes

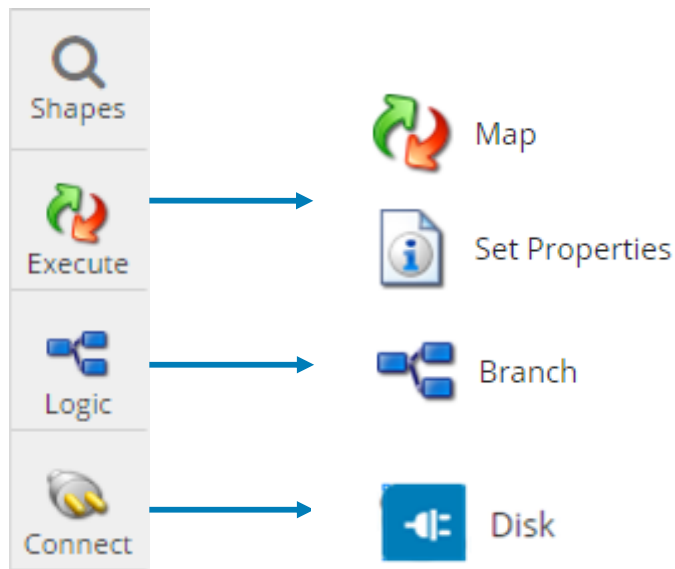
- Each process shape represents a task to be performed on a set of documents. There are three types of shapes:



- *Execute shapes* manipulate or transform data
- *Logic shapes* control the flow of data through the process
- *Connect shapes* get data into the process or send data out of the process

AtomSphere Shapes

- Some common AtomSphere shapes we will be seeing today:



Map – Transforms data from one format (profile) to another.

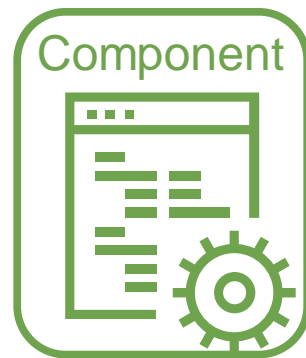
Set Properties – Sets connector-specific properties (i.e. Disk file name, FTP directory, etc.) for documents.

Branch – Creates a copy of a document and passes down each branch in sequential order.











Connector - used to get data into and send data out of a process

What is a Component?

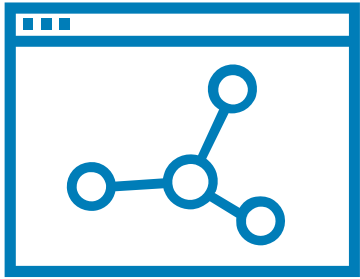
- Reusable object
- Listed in Component Explorer
- Created once and referenced across multiple shapes and multiple processes



Component

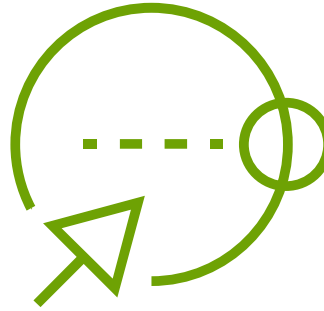
-  Certificate
-  Connection
-  Connector Operation
-  Cross Reference Table
-  Custom Library
-  Document Cache
-  Map
-  Map Function
-  Process Property
-  Profile

AtomSphere: How it works



Build

Use the AtomSphere library of connectors and maps, visually design your integration processes, and load them into a lightweight, dynamic run-time engine called an “Atom” for execution.



Deploy

Deploy your integration processes to the Boomi Atom for SaaS, PaaS, or Cloud integration or safely behind your firewall for on-premises applications.



Manage

Monitor and maintain the status of all deployed Atoms, integration processes, and trading partners, regardless of location, using a web-based dashboard.

Build Tab



Integration Scenario

Business Use Case

- Customers enter account and contact information into an online form to sign up for an AtomSphere trial.

Please Fill Out The Form Below

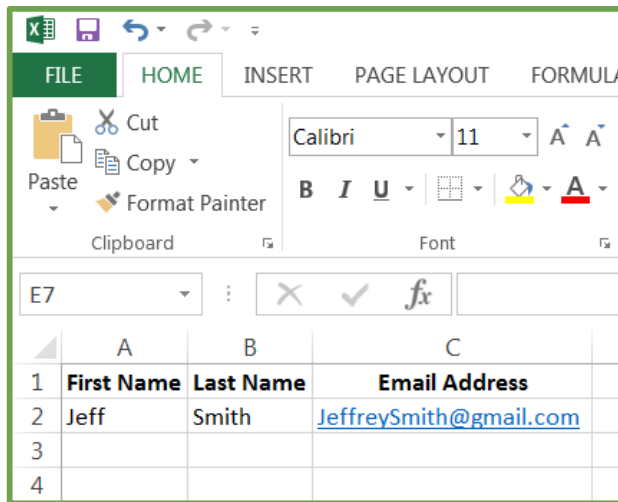
First Name:
Jeff

Last Name:
Smith

Email Address:
JeffreySmith@gmail.com

Submit

- This form information is stored in an online data store (FTP Server) and in XML format.



The screenshot shows the Microsoft Excel interface with the 'HOME' tab selected. The ribbon includes 'FILE', 'HOME', 'INSERT', 'PAGE LAYOUT', and 'FORMULAS'. The 'Clipboard' group shows 'Cut', 'Copy', and 'Paste' options. The 'Font' group shows 'Calibri' font and '11' size. The active cell is E7. The spreadsheet data is as follows:

	A	B	C
1	First Name	Last Name	Email Address
2	Jeff	Smith	JeffreySmith@gmail.com
3			
4			

CSV

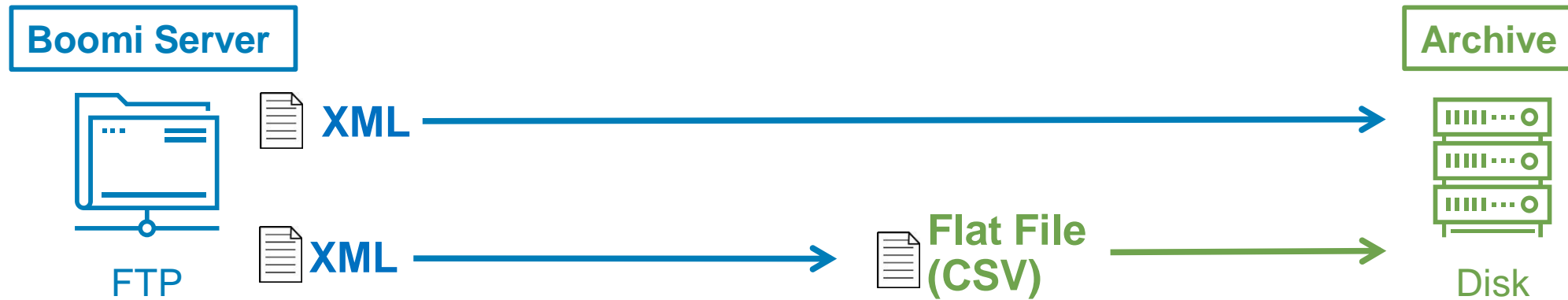
- Build an Excel spreadsheet of the latest account data and archive it for reporting.

FTP
(XML Format)

Integration Scenario

- **Integration Goal**

- Request Account XML from FTP data store
- Archive copy of XML file on server directory
- Convert XML data into CSV Flat File type
- Archive new CSV file on server directory





Instructor to Demonstrate

- **Exercise 1: Folder Setup**
- **Exercise 2: Download Process Endpoints from the Process Library**

Page(s): 5 - 9

What is a Connector?

The main component containing all of the information needed to connect to a data source or application

Combination of two components:

- 1) **Connection** – Physical Connection Information (The “Where”)
- 2) **Operation** – Function to call or file(s) to act upon (The “How”)

Connector Shape

Connector shapes are used to get data into and send data out of a process. Most processes have one "get" connector and one or more "send" connectors. The Connector shape uses a combination of predefined connection and operation components to establish where and how to get or send data.

General

Parameters

Display Name

Connector

Disk

Action

Get

Connection

Q Choose...

Operation

Q Choose...

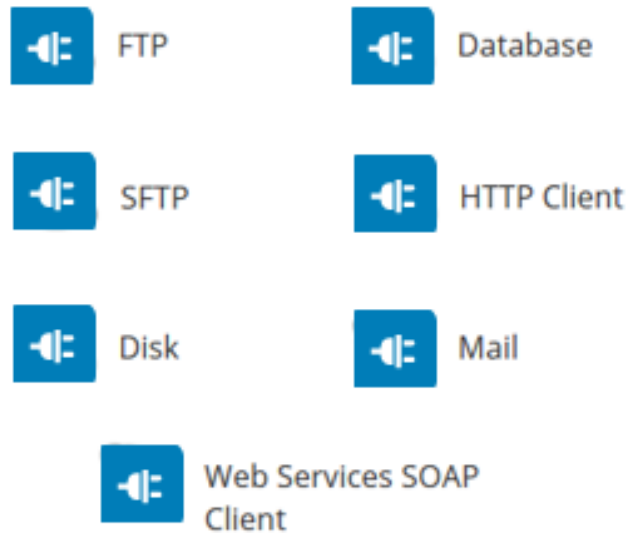
OK

Cancel

Connector Types

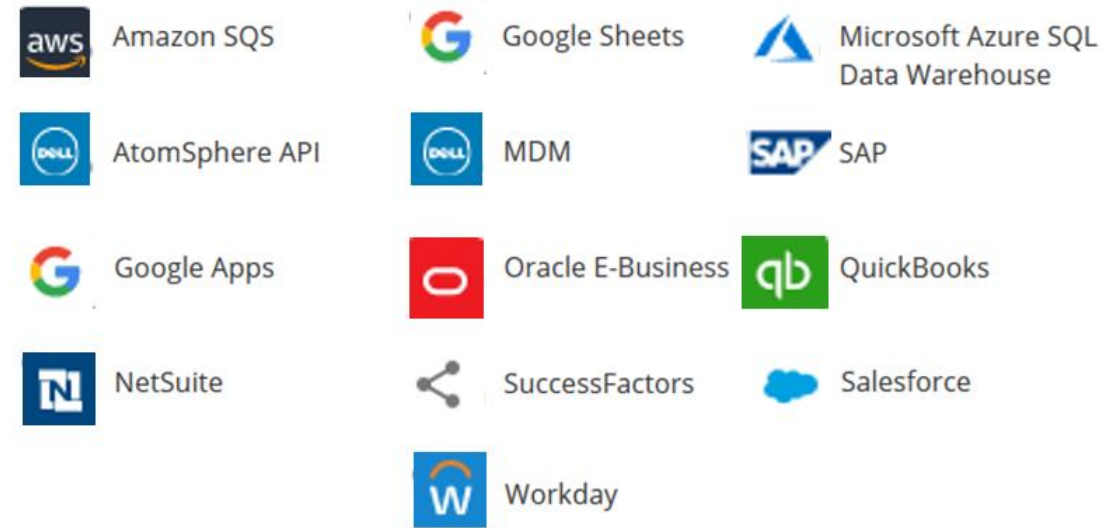
Standard

- Common data repositories
- Communication Protocols



Application

- Packaged Integration Services
- System API's



FTP Connector: Options

The main component containing all the information needed to connect to a single FTP Server

Combination of two parts:

- 1) **Connection** – FTP Server Hostname and user log-in
- 2) **Operation** – Get or Sen: Sub-directory and file filter definition

New FTP Connection - FTP ? Folder Add Description

FTP Host SSL Options

Host

Port

Connection Mode

User Name

Password

New FTP Connector Operation - FTP Operation ? Folder Add Description

Options Archiving Tracking Caching

Connector Action

FTP Action

Remote Directory

File Filter

Transfer Type

Maximum Files to Read

FTP Connection: Configuration (SSL Options)

Host: The Host name, IP address or Domain Name of the FTP server

Port: The FTP server port which listens for incoming client connections

Connection Mode: Active or Passive | Passive is common for most setups

User/Password: Log-in information for account on FTP server

New FTP Connection - FTP ? [Folder](#) [Add Description](#)

FTP Host SSL Options

Host	
Port	
Connection Mode	Passive ▼
User Name	
Password	Click to Set

FTP Connection: Configuration (SSL Options)

SSL Mode: None, Explicit, or Implicit | Methods for invoking client security

Client Authorization: Enables client certificate import and definition

New FTP Connection - FTP ? [Folder](#) [Add Description](#)

FTP Host **SSL Options**

SSL Mode	None	▼
Use Client SSL	<input type="checkbox"/>	
Authorization		

FTP Operation: Configuration

FTP Action: Get / Get & Delete | Retrieve files and define optional delete command

Remote Directory: Sub-directory that FTP user should access if not the base directory

File Filter: Reads files conditionally based on a pattern that matches the file name

Transfer Type: ASCII / Binary | Transfer files as text or raw data

Max Files to Read: Sets the maximum number of files to read at once. Default value of "0" for all

New FTP Connector Operation - FTP Operation ⓘ [Folder](#) [Add Description](#)

Options Archiving Tracking Caching

Connector Action

FTP Action

Remote Directory

File Filter

Transfer Type

Maximum Files to Read



Instructor to Demonstrate

- **Exercise 3: Access the FTP Connection**
- **Exercise 4: Create an FTP Operation**

Page(s): 10 - 15

Disk Connector: Options

The main component containing all of the information needed to connect to a single directory

Combination of two parts:

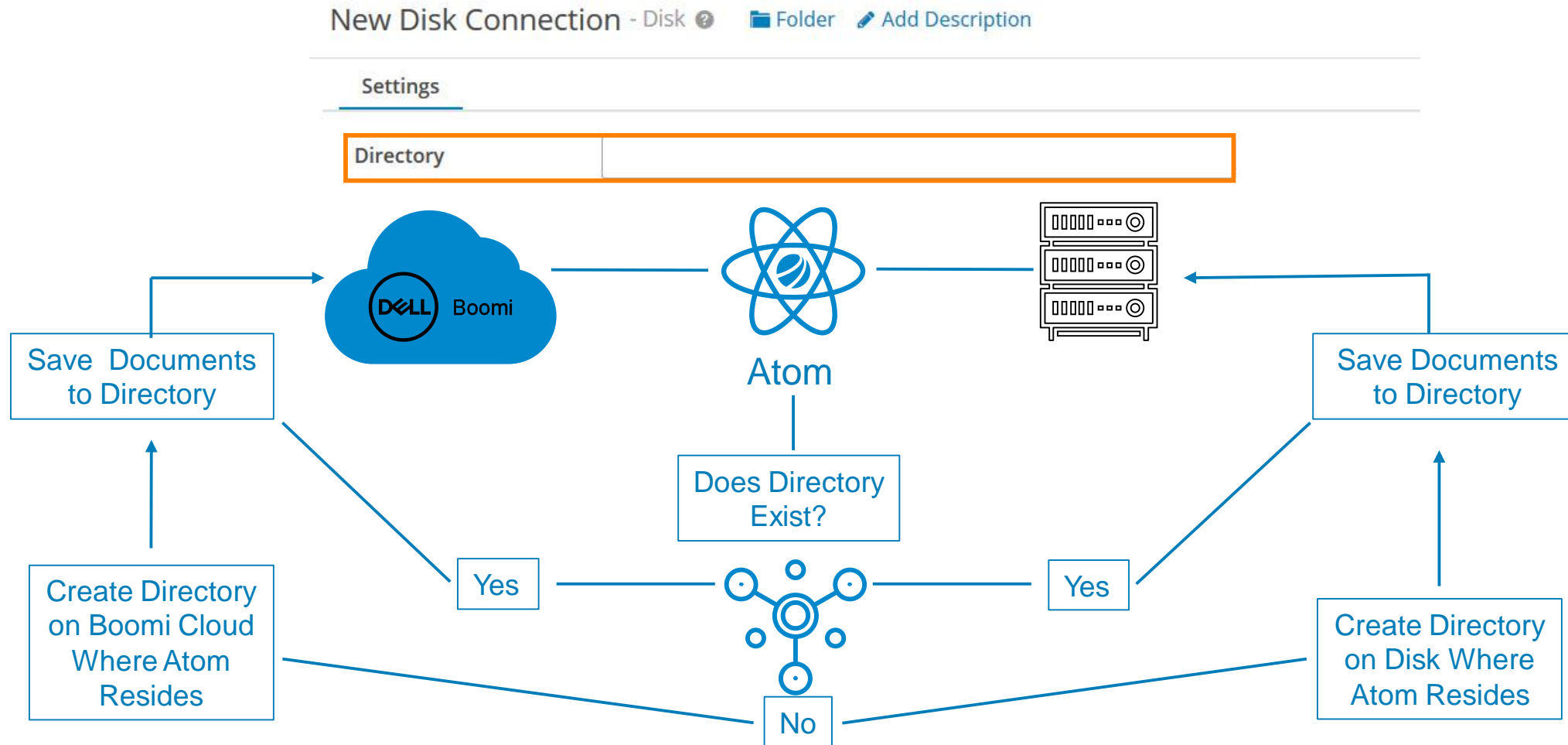
- 1) **Connection** – Directory definition
- 2) **Operation** – Get or Send: File Naming Options

This screenshot shows the 'New Disk Connection' form. The title bar includes 'New Disk Connection - Disk', a help icon, a 'Folder' icon, and an 'Add Description' link. Below the title bar, there are two tabs: 'Settings' (which is selected) and 'Directory'. Under the 'Settings' tab, there is a single text input field for the directory path, which is highlighted with an orange border.

This screenshot shows the 'New Disk Connector Operation' form. The title bar includes 'New Disk Connector Operation - Disk Operation', a help icon, a 'Folder' icon, and an 'Add Description' link. Below the title bar, there are four tabs: 'Options' (selected), 'Archiving', 'Tracking', and 'Caching'. Under the 'Options' tab, there are three sections highlighted with orange borders: 1) 'Connector Action' with a dropdown menu set to 'Send'; 2) 'Create Directory if it doesn't exist' with an unchecked checkbox; and 3) 'File Naming Options' with a dropdown menu set to 'Create unique name if file exists'.

Disk Connection: Configuration

Directory: Directory path definition for reading or writing documents



Disk Operation: Configuration

Create Directory: Creates directory on server during Process execution if it doesn't exist

File Naming Options: Create Unique/Overwrite/Append/Error | Action when filename exists

New Disk Connector Operation - Disk Operation ? [Folder](#) [Add Description](#)

Options Archiving Tracking Caching

Connector Action Send ▼

Create Directory if it doesn't exist ☐

File Naming Options Create unique name if file exists ▼



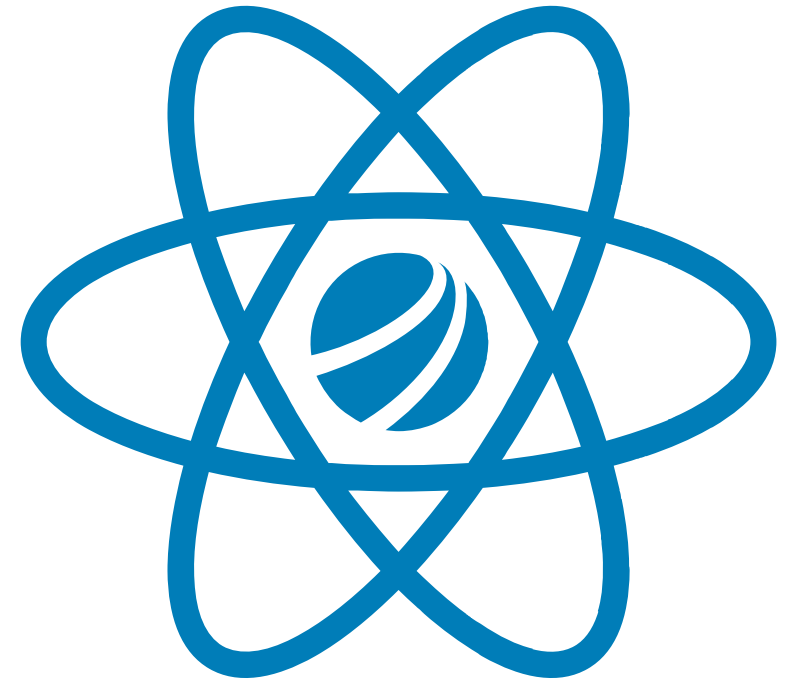
Instructor to Demonstrate

- **Exercise 5: Access the Disk Connection**
- **Exercise 6: Create a Disk Operation**

Page(s): 16 - 21

The Boomi Atom

- Lightweight, self-contained run-time engine.
 - Handle any combination of SaaS-to-SaaS or SaaS-to-on-premises integration from one platform.
- Deploy behind the firewall for on-premises integrations or in the cloud.
- Clustering capability (Boomi Molecule) and enterprise-grade security.
- Boomi Atom Cloud provides an optional hosted environment for deployment.
- Regardless of deployment option, all Atoms provide runtime metadata to the platform for continuous monitoring.





Instructor to
Demonstrate

Exercise 7: Enable the Atom Cloud and the Test Atom Cloud

Page(s): 22 - 24



Participant to
Complete

- **Exercise 7: Enable the Atom Cloud and the Test Atom Cloud**

Page(s): 22 - 24

Test Mode



Test

Test Mode supports unit testing a limited set of documents

Connectors only support retrieval of:

- 100 – Max Document Count
- 10 MB – Total Data Size



Instructor to
Demonstrate

- **Exercise 8: Test the Process**

Page(s): 25-28

What is a Document?

- It is the main unit that powers the execution in a process flow.
- Dell Boomi supports five raw document types:

XML

```
<Account>
<activeBillingAddress/>
<activeResAddress/>
<addressComplement/>
<addressTypeCode/>
</Account>
```

JSON

```
{
  "values": [
    {
      "_key": "~",
      "connections": { "_total": 129 },
      "firstName": "Adam"
    },
    {
      "_key": "hks0NPUMZF",
      "connections": { "_total": 500 },
      "firstName": "Brandon"
    }
  ],
  "_total": 2
}
```

Flat File

```
1,Contact1,Address1
2,Contact2,Address1
3,Contact3,Address1
4,Contact4,Address1
5,Contact6,Address1
6,Contact6,Address1
7,Contact7,Address1
```

Database

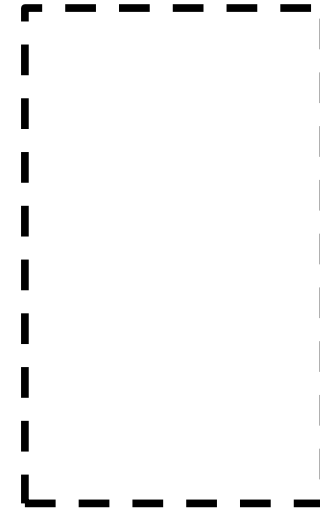
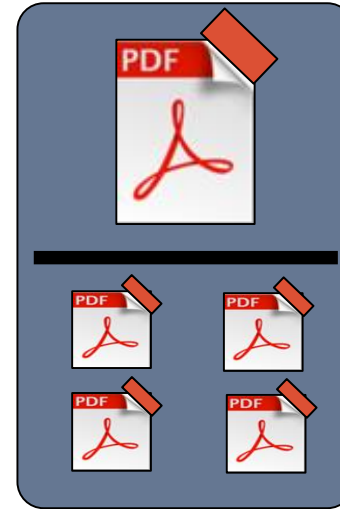
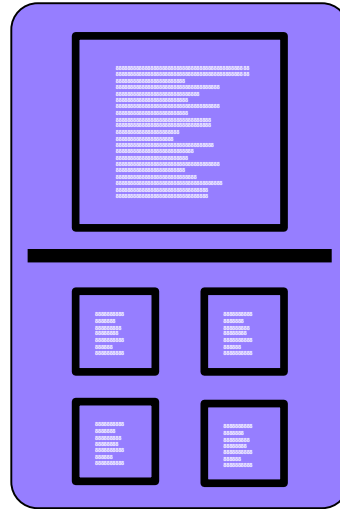
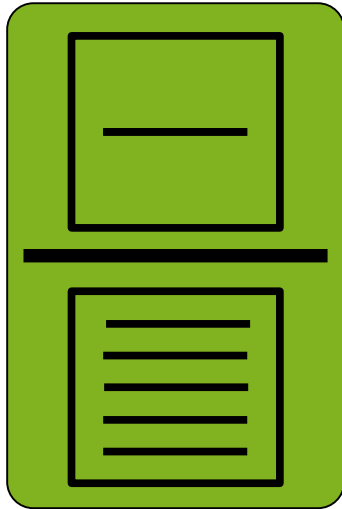
```
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
|^|ColumnA|^|ColumnB
```

EDI

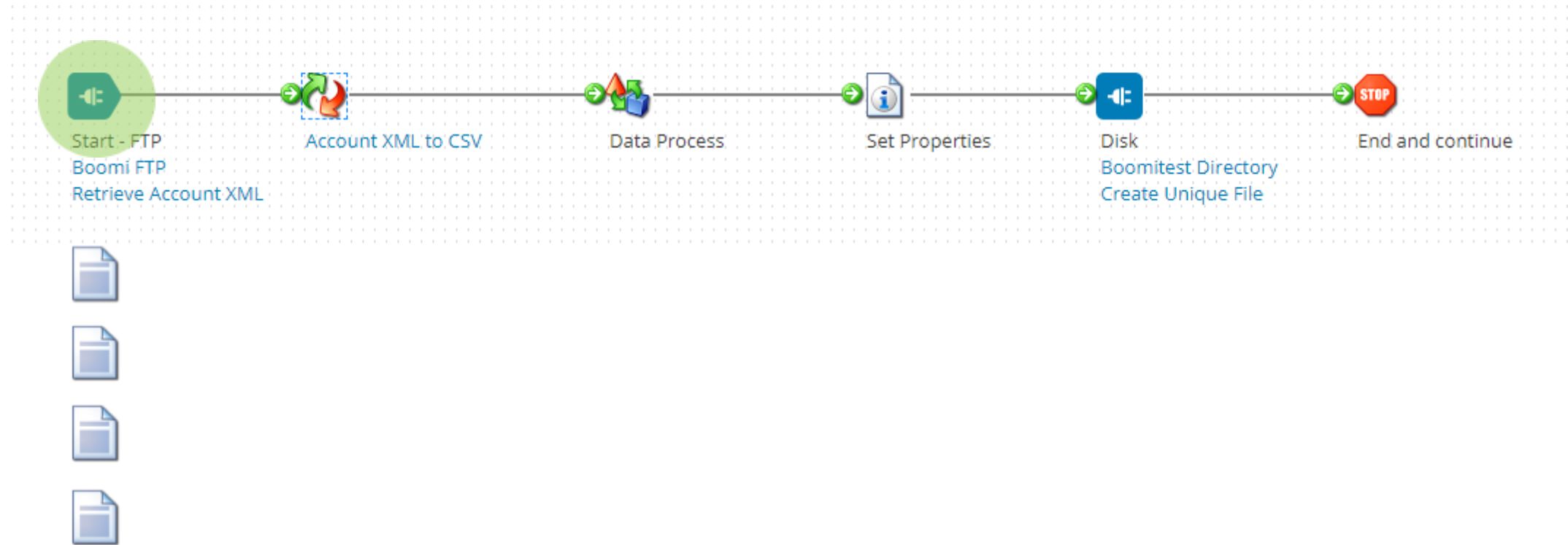
```
S5*1*CL~
L11*0003187*BM~
L11*122*PO~
L11*ZOR*SO~
G62*10*20110809*Y*0*CD~
G62*79*20110809*Y*9*CD~
AT8*G*L*48*41**E*2154.1~
NTE*GEN*A S~
```

What is a Document?

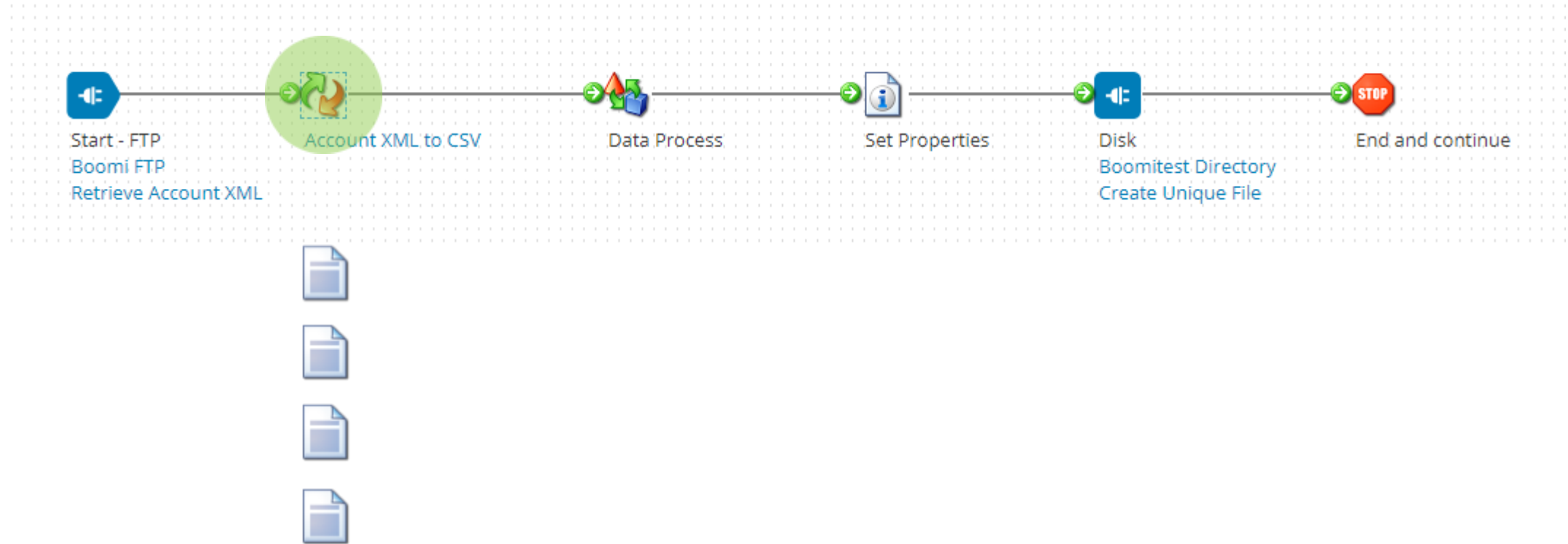
Documents are presented in four different formats:



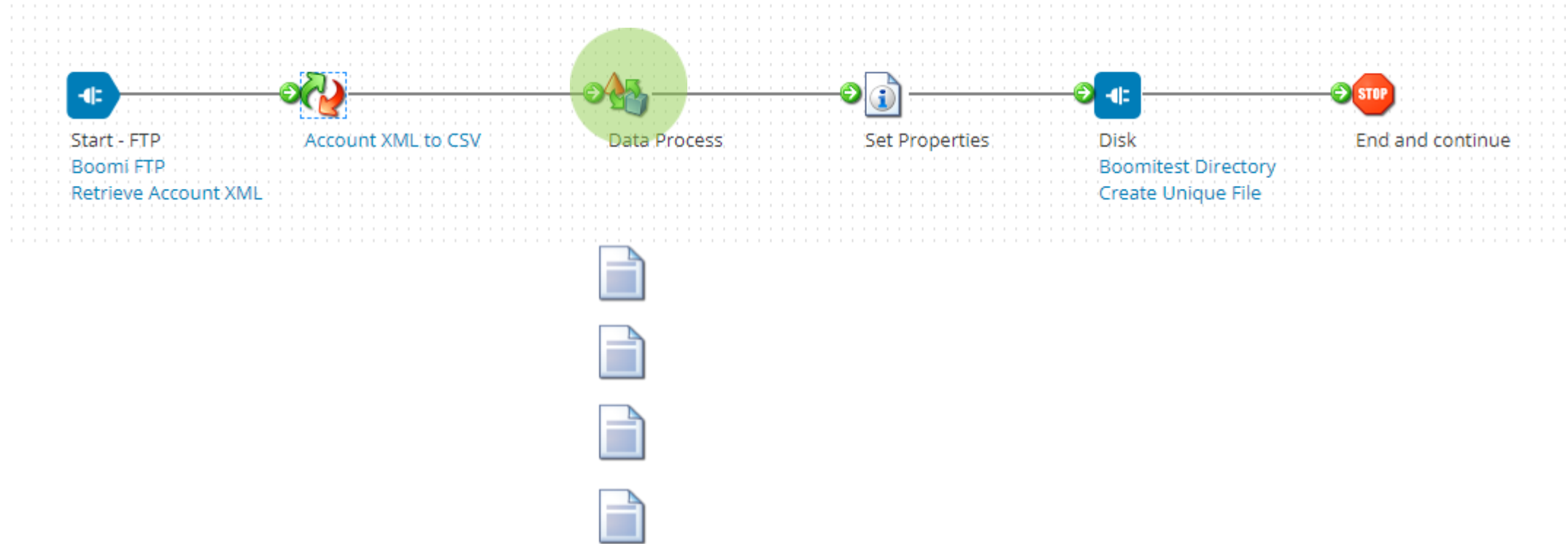
Document Flow



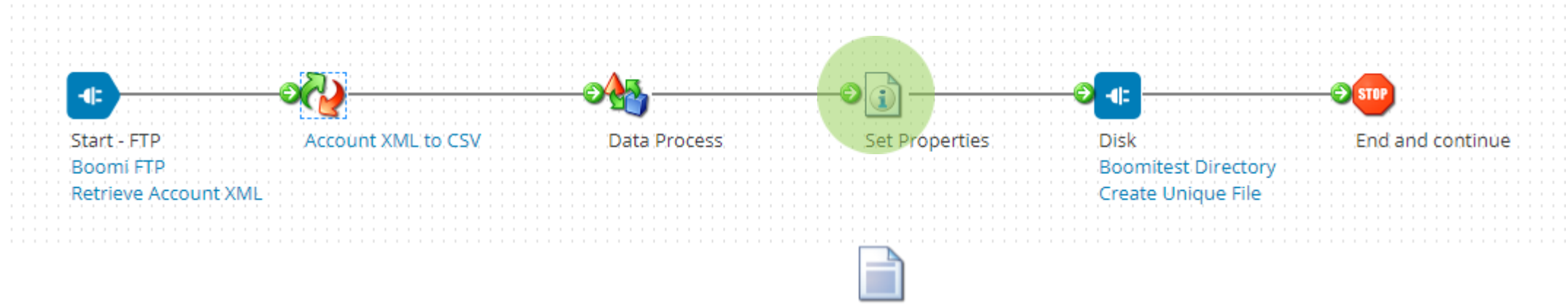
Document Flow



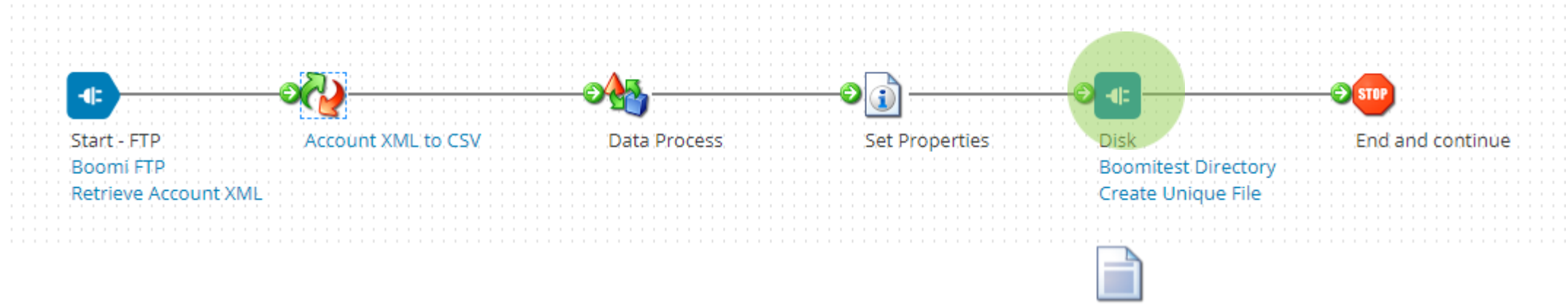
Document Flow



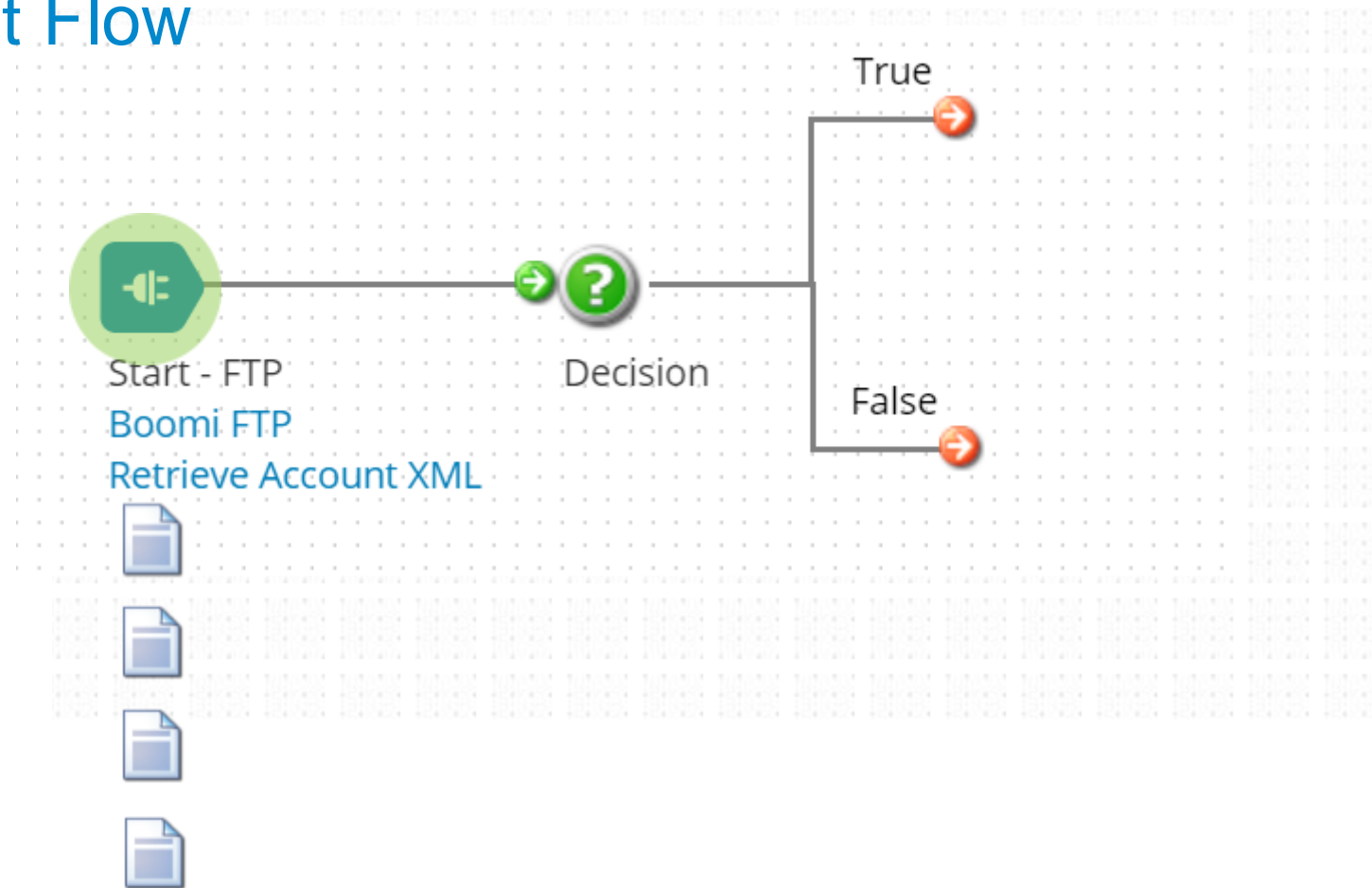
Document Flow



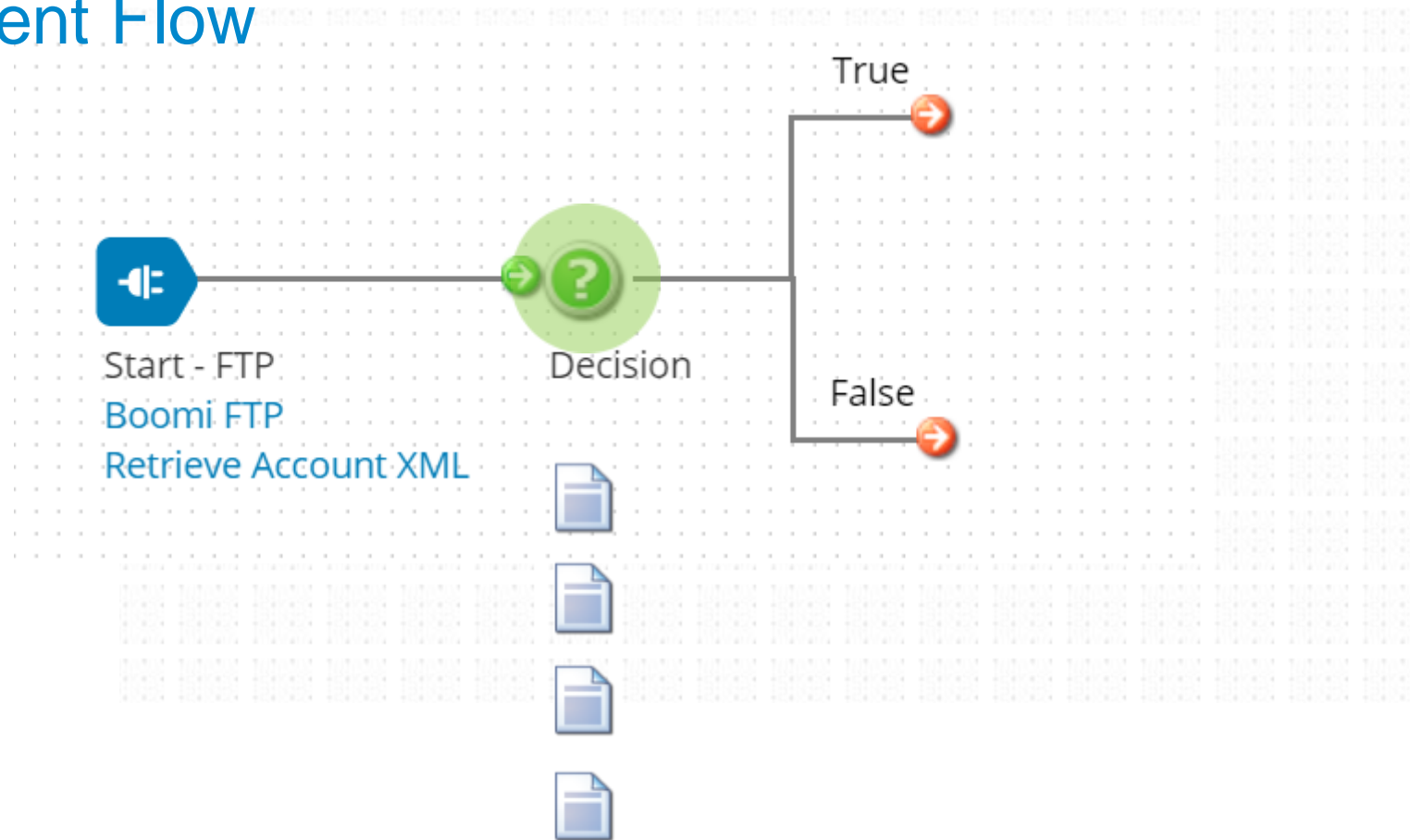
Document Flow



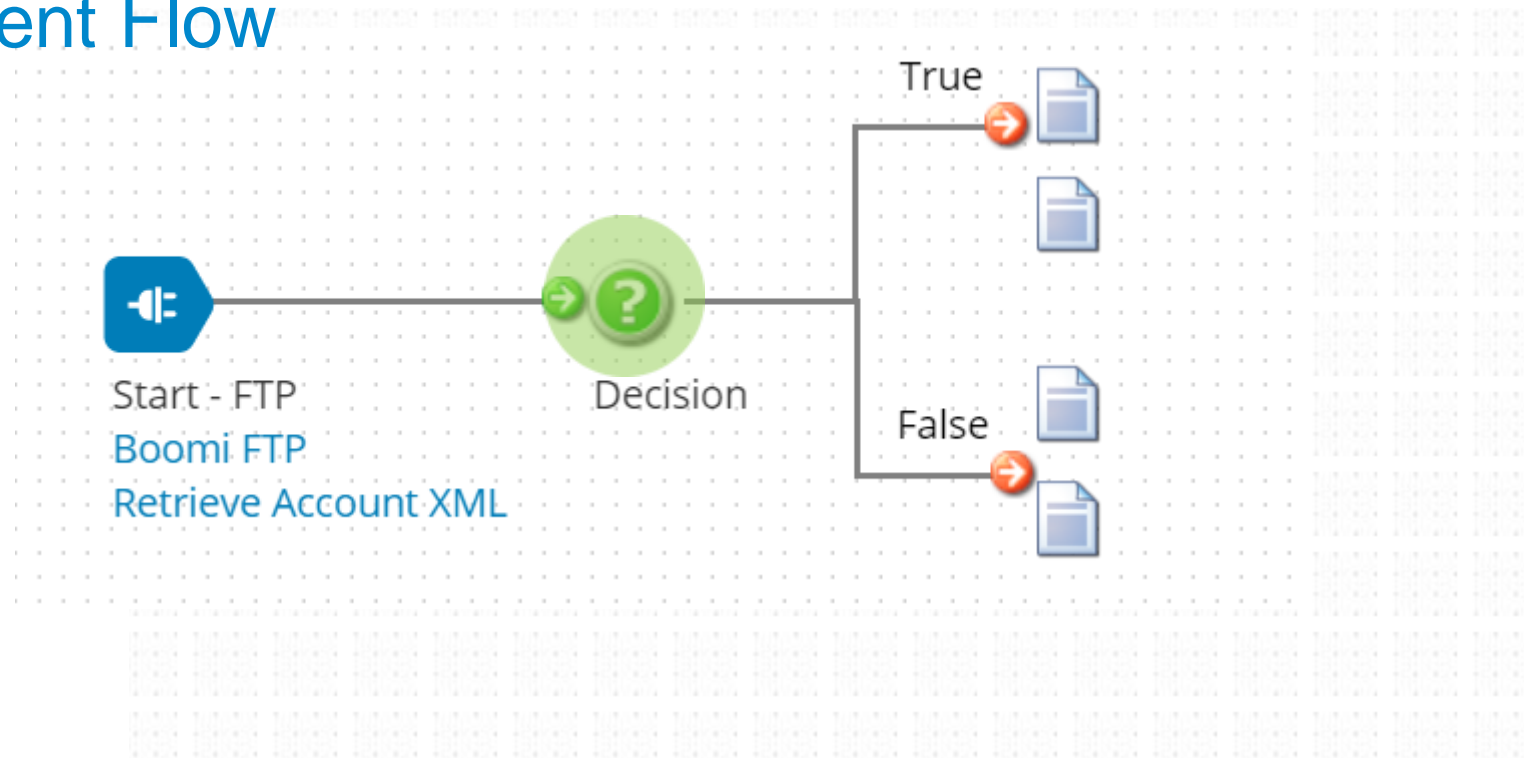
Document Flow



Document Flow



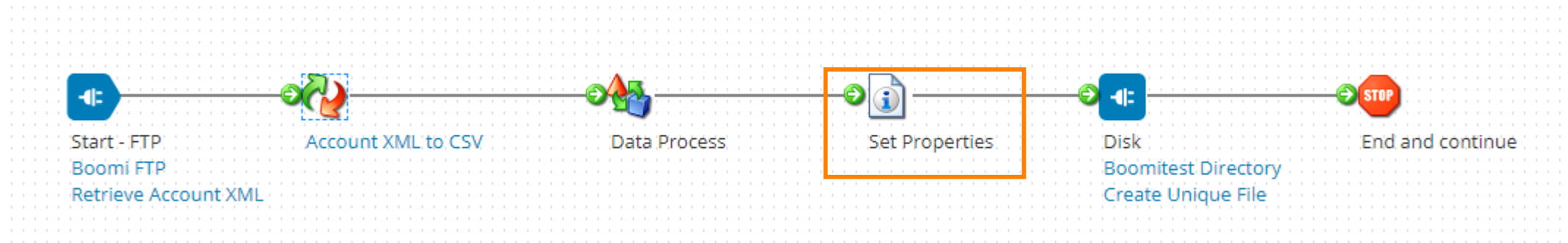
Document Flow



What are Document Properties?

Document Properties are configured using the Set Properties shape

- Extract runtime-related information related to a Document
- Set new properties for destination Documents



Set Properties

The Set Properties shape is a two-part container:

- Properties to Set
- Parameters



Set Properties Shape ?

The Set Properties shape allows you to set values for various document and process properties. These properties can be used to set outbound connector attributes such as file name or email subject, or store certain values in memory to facilitate the integration. The property values can be comprised of static and/or dynamic values.

Display Name

Properties to Set



Disk - File Name

Parameters



XML Profile - Account XML - CompanyName (Account/CompanyName)

OK

Cancel

Setting Parameters

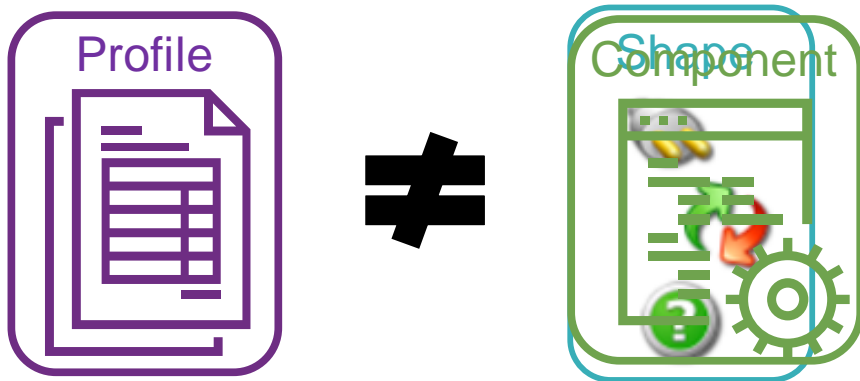
Common interface for configuring dynamic runtime inputs

- Reference elements from document(s)
- Reference system date where the Process is executing
- Define lookup inputs against databases and system APIs
- Build dynamic messaging and notifications

Parameter Value	
Type	Static ▼
Static Value	<div>Connector Call Cross Reference Lookup Current Data Date/Time Document Cache Lookup Process Property Document Property Dynamic Process Property Profile Element Sequential Value SQL Statement Static Stored Procedure Unique Value</div>

What is a Profile?

- Profiles describe the layout or format of different documents read into or sent out of AtomSphere
- A Profile is not a shape, but it is a component some shapes use
- Structure consists of data elements of a specific document type
- Entire profiles are used in the Map shape
- Individual profile elements are used in many shapes



Account XML

XML Profile ?



Data Elements

Types

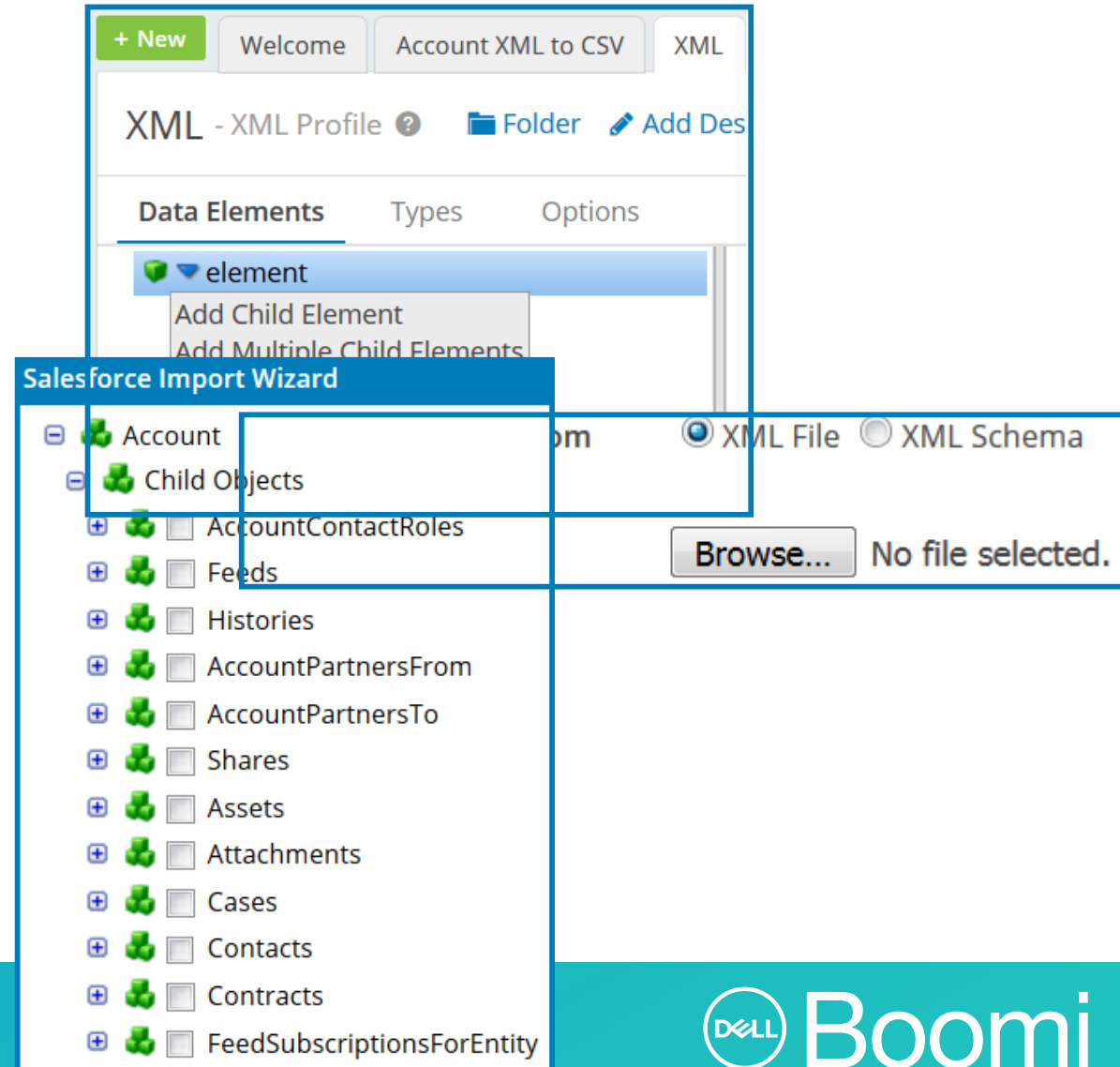
Options

- Account
 - CompanyID
 - CompanyName
 - Website
 - StreetAddress1
 - StreetAddress2
 - City
 - State
 - PostalCode
 - Country
 - Phone
 - Industry
- ContactList

How are Profiles Created?

Profiles are created in a number of ways:

- Manually
- Upload a file or schema
- Import in the Connector Operation





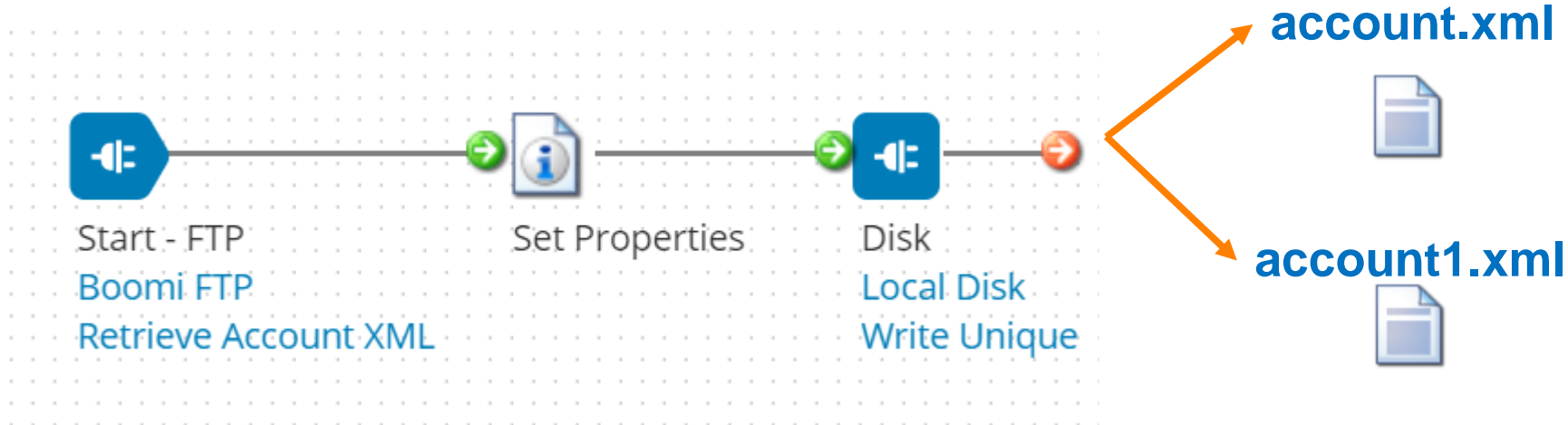
Instructor to Demonstrate

- **Exercise 9: Create XML Profile**

Page(s): 29 - 32

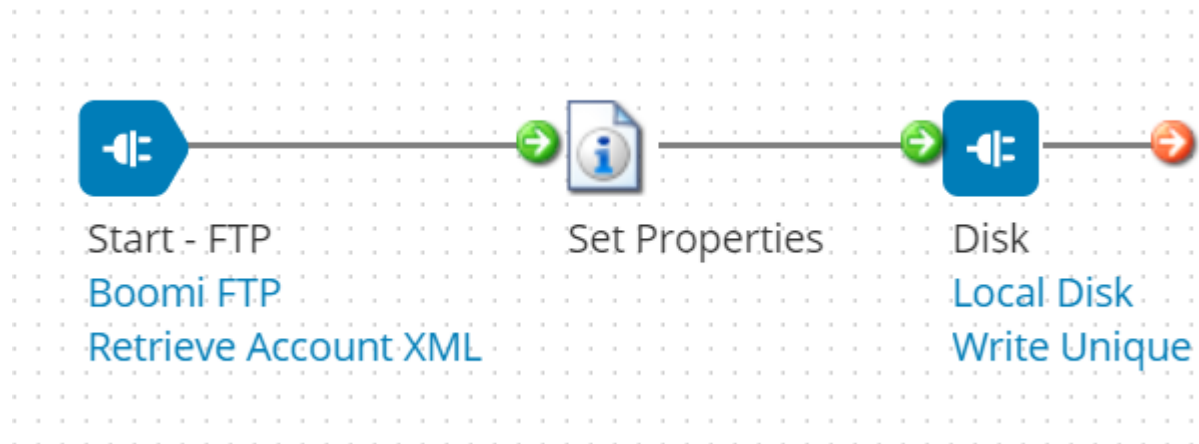
Let's Get Dynamic!

- Use the Set Properties shape to dynamically set the output File Name
- Use multiple Parameters to create complex dynamic values for file names or directories
- One method is to use a Profile Element



Let's Get Dynamic!

- Use the Set Properties shape to dynamically set the output File Name
- Use multiple Parameters to create complex dynamic values for file names or directories
- One method is to use a Profile Element





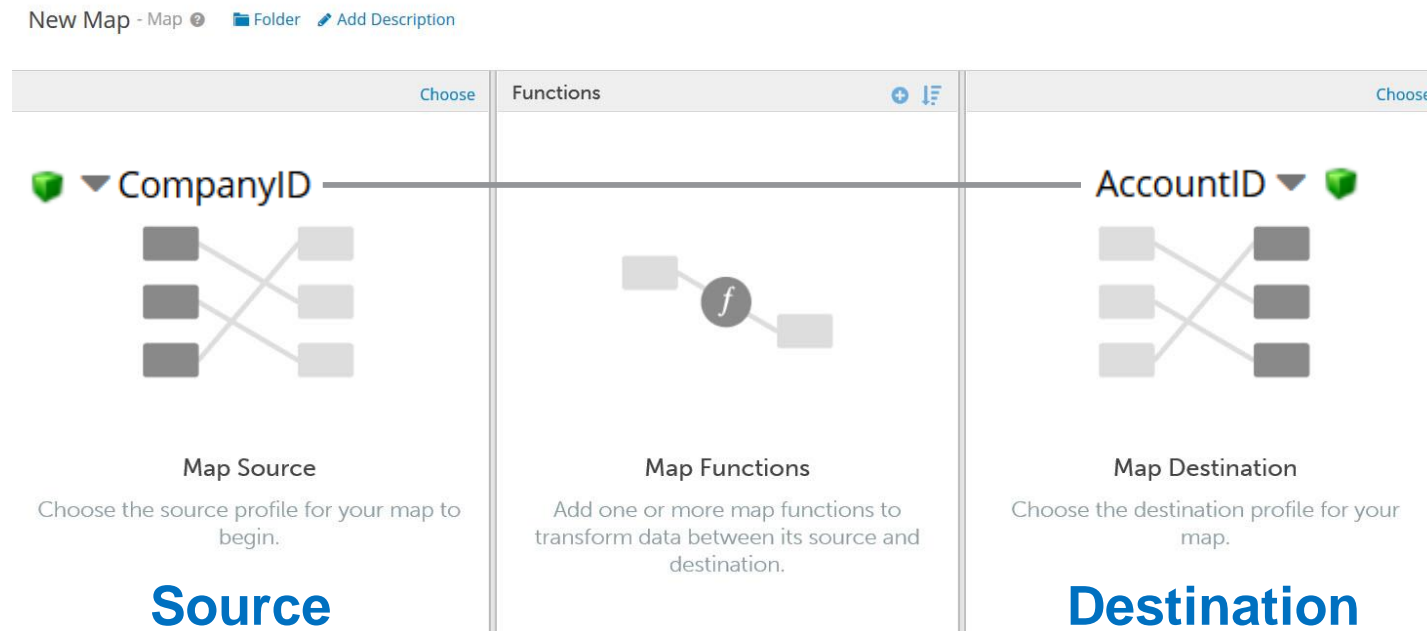
Instructor to Demonstrate

- **Exercise 10: Set a File Name and Test the Process**

Page(s): 33 - 38

What is a Map?

- The component that transforms one structured data format (Profile) to another (Profile).
- Every Map contains a Source Profile and a Destination Profile
- Drag and drop Source Profile element to Destination Profile element





Instructor to Demonstrate

- **Exercise 11: Create a Map and Source Profile**
- **Exercise 12: Create a Flat File Profile Destination Profile**

Page(s): 39 - 44

Boomi Suggest

- First community driven suggestion wizard for integration
- Leverage tens of thousands of live data maps
- Up to 93% of mappings are auto-generated
- Greatly reduce integration setup time
- Benchmark your maps against the community

Account XML to CSV - Map   Folder  Add Description

Export to Excel

Boomi Suggest

What is Boomi Suggest?



Instructor to
Demonstrate

- **Exercise 13: Map Fields**

Page(s): 45 - 46

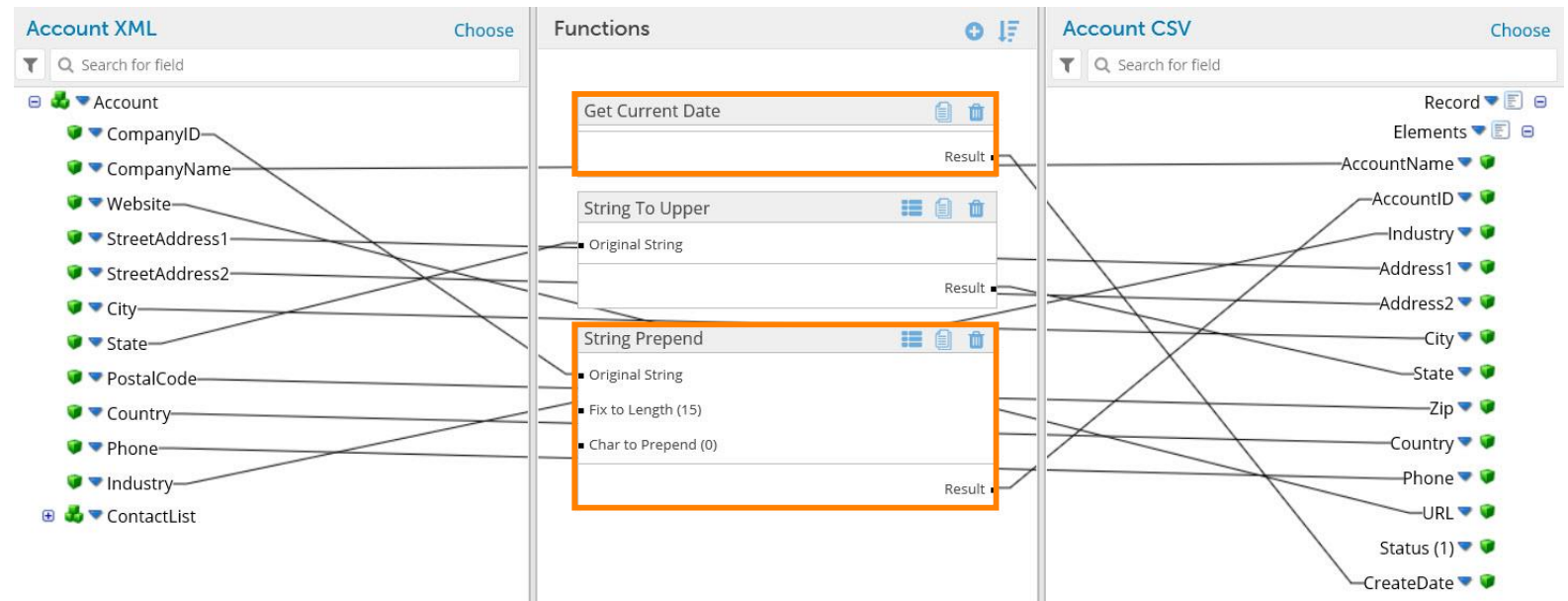
Map Functions

Allow conversion logic to be applied to individual values as they are being mapped

Provide 'on-the-fly' querying of data

Types

- 1) Standard (single task)
- 2) User Defined (multiple, sophisticated)



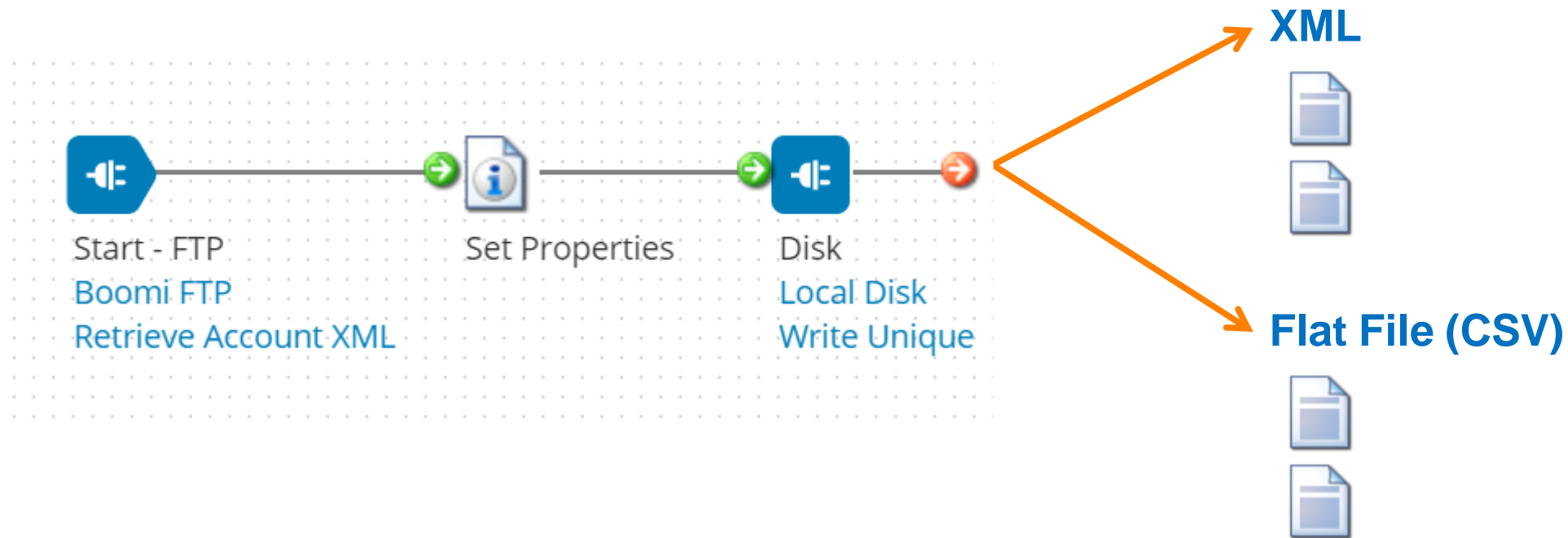


Instructor to
Demonstrate

- **Exercise 14: Add Get Current Date Map Function**

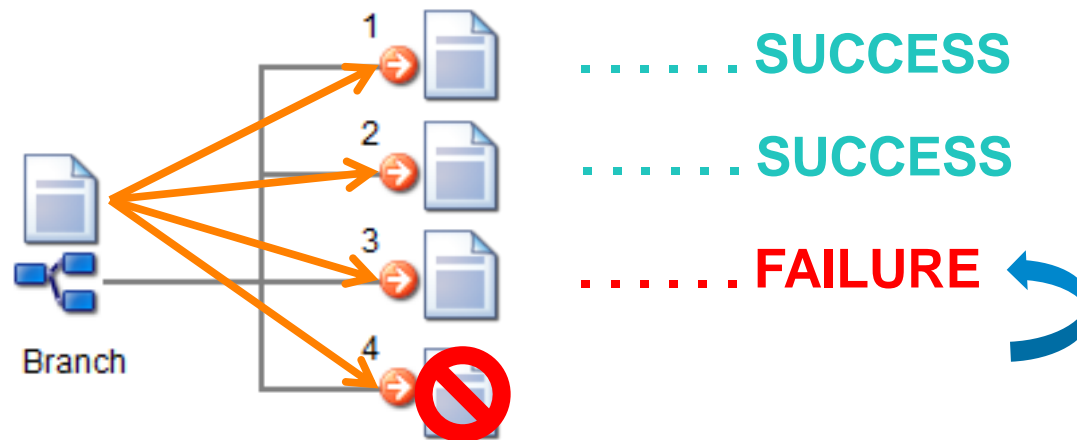
Page(s): 47 - 49

Branching Off



What is a Branch?

- Creates a copy of the document(s) and executes each path in sequential order.
- A Branch's path is executed to completion before flowing to the next branch.
- Documents only flow down subsequent paths when/if it successfully completes the preceding path
- A given Branch shape can have up to 25 paths.





Instructor to
Demonstrate

- **Exercise 15: Add a Branch to Manage the Process Flow**

Page(s): 50 - 52

Congratulations!

Deploy and Manage Tabs

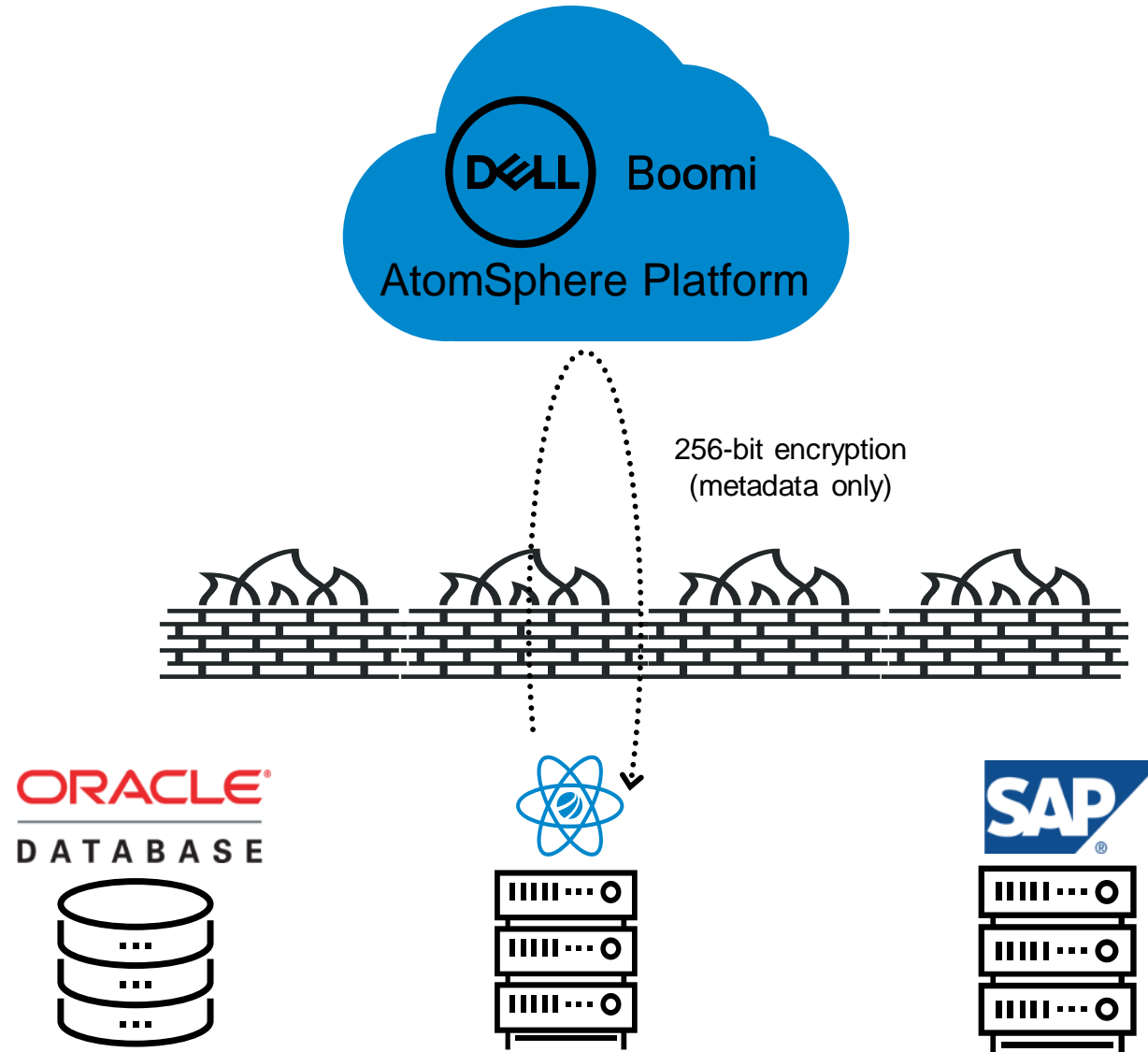
**Move, manage, and govern data
across all your applications**

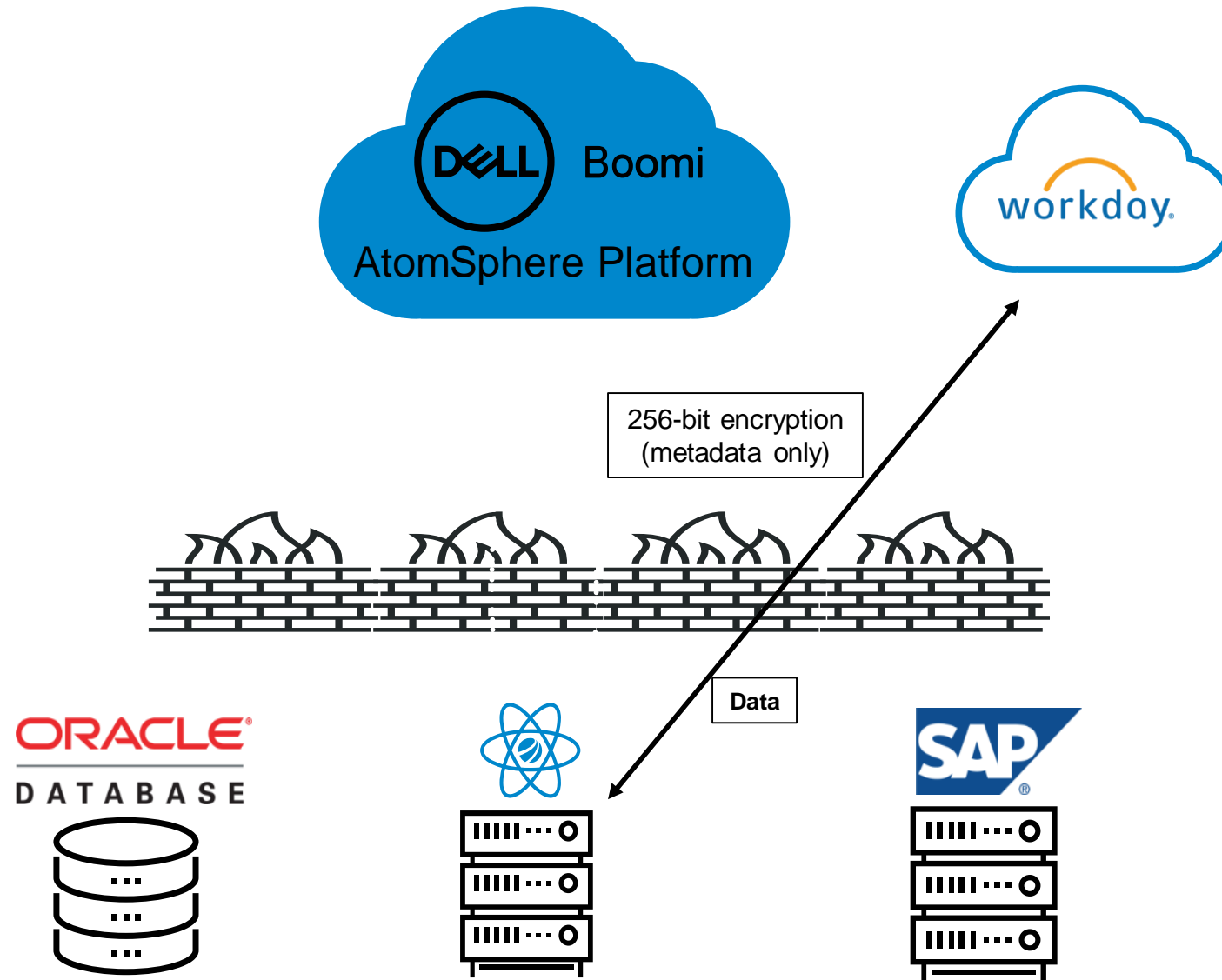
**Implement faster with a
configuration-based UI**

**Deploy and monitor integrations
in the cloud and on-premises**

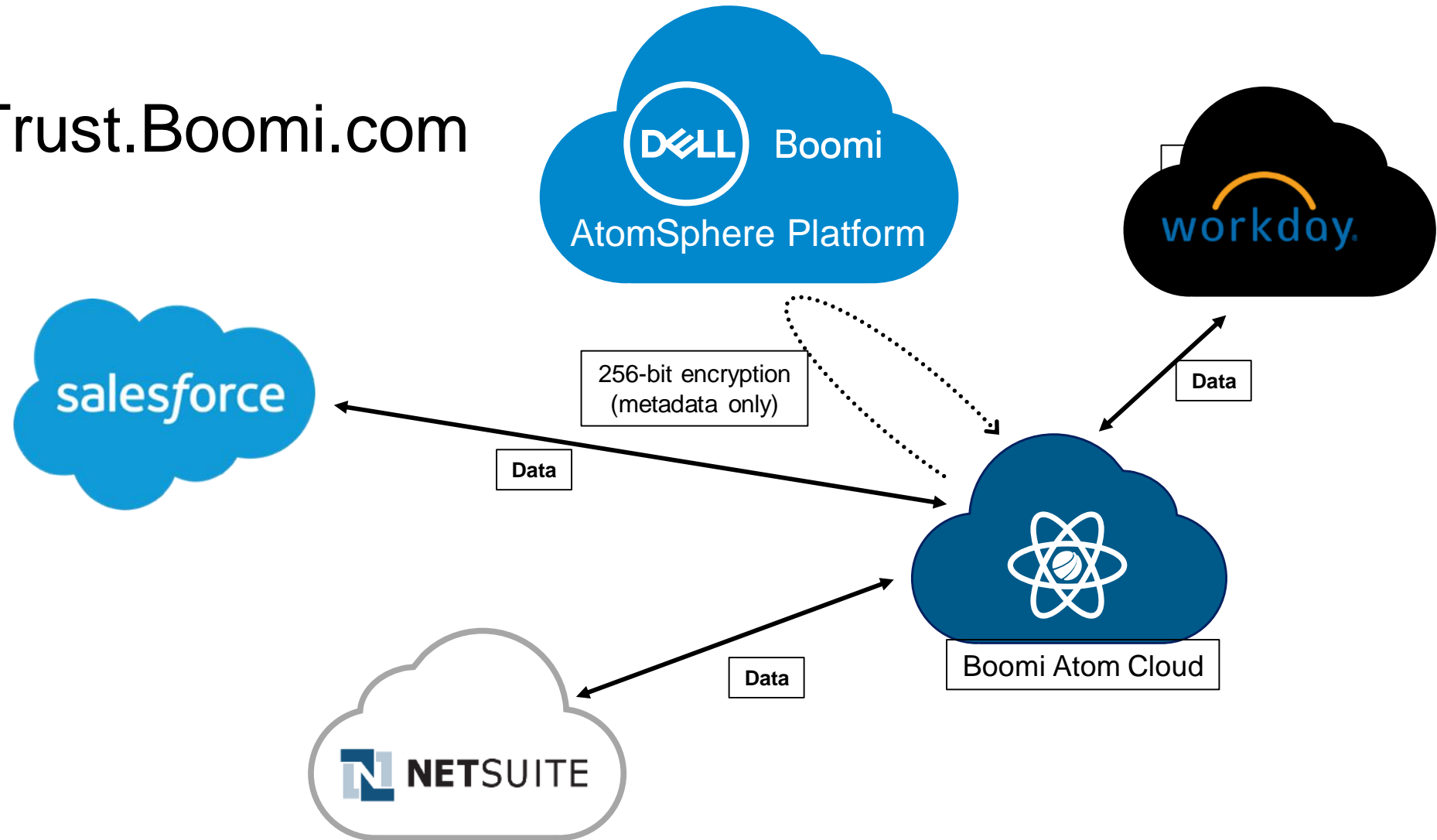
**Continual innovation available
through a true PaaS solution**

**Boomi – the #1
Integration Cloud**






Trust.Boomi.com



Trust.boomi.com

 Boomi Statistics Performance History Notifications (1)

AtomSphere Platform
Operating Normally

Atom Cloud
Operating Normally


MDM Cloud
Operating Normally

Welcome to Dell Boomi Trust



Dell Boomi is committed to customer success and reliability. Uptime of our Cloud platform is a high priority. We are also transparent with customers regarding the performance and availability of the Dell Boomi AtomSphere Cloud.

Trust.boomi.com is a site dedicated to the Dell Boomi community to provide:

- Live and historical data on system performance
- Notifications on planned maintenance
- Information on how we secure your data

 PRIVACY FEEDBACK
Powered by TRUSTe

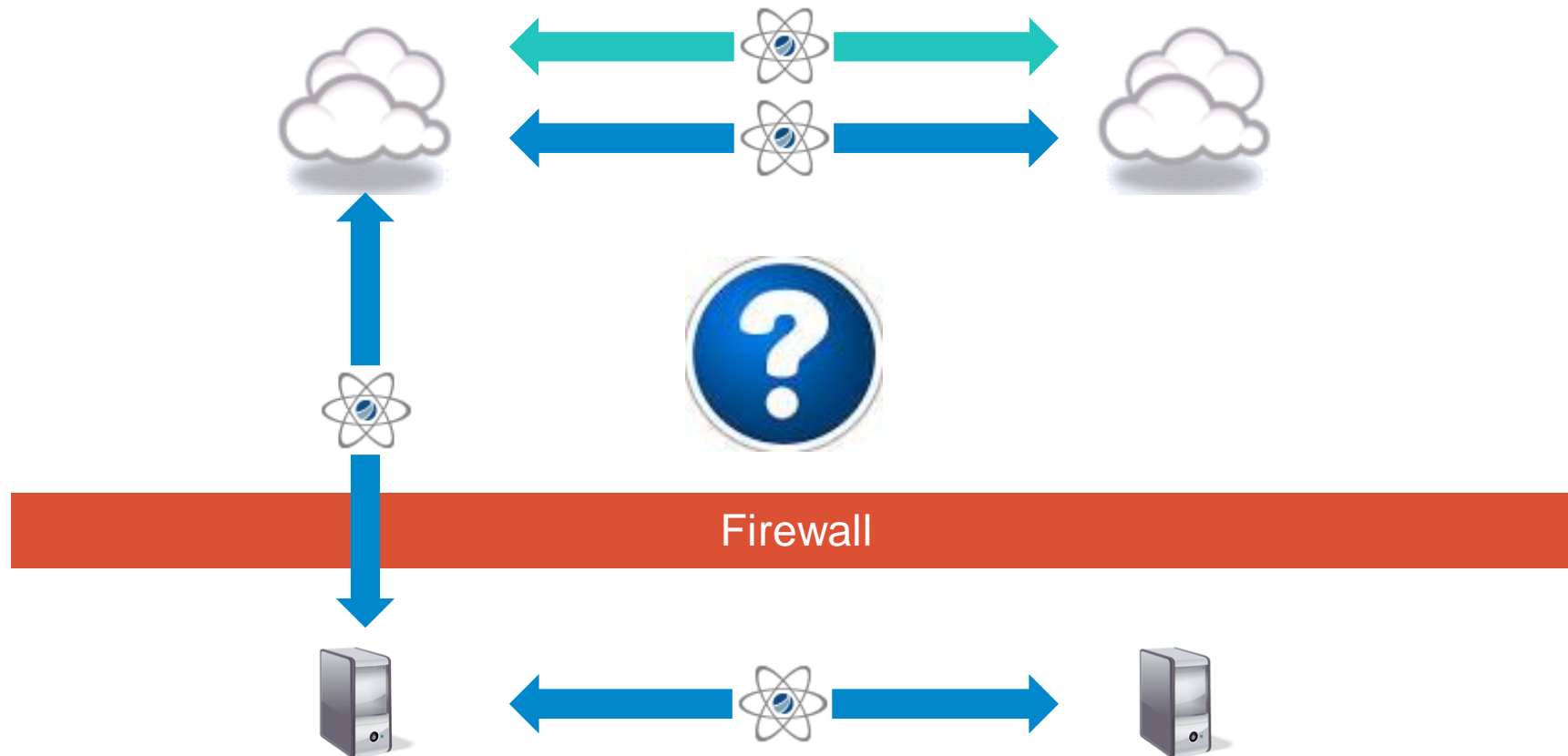
Have a question? Call us at 1-800-732-3602 or visit [Boomi.com](https://boomiboomi.com).



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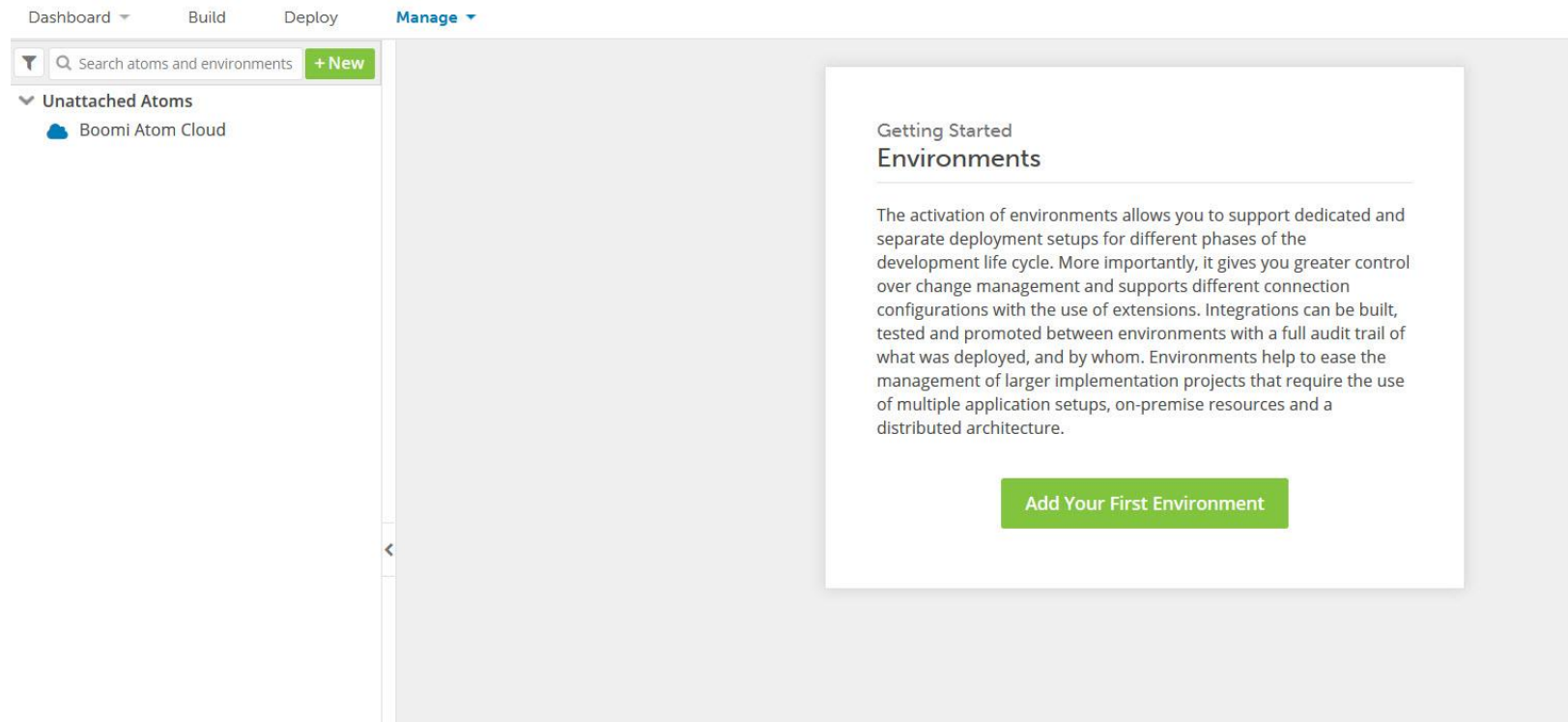
To report [Severity 1](#) issues, please call:
1-866-407-6599 (Toll free in US)
1-503-470-5056 (International)

Local Atom vs. Cloud Atom



Environments

- Accessible via Manage→Atom Management
- Environment is the container which contains the Atom and the deployed processes
- An Atom can only be assigned to one Environment



Environments: Attach Atom

Environment Deployment

1) Attach an Atom to an Environment

Dashboard Build Deploy Manage

Search atoms and environments + New

Production

Unattached Atoms

Boomi Atom Cloud

Environments » Production

Production

Information

Environment ID 884cd4c8-4e03-4885-b9d7-6858dee4109c

Classification Production

Configuration

Roles Unrestricted

Attachments Choose Atoms to attach...

Administration

Environment Extensions

Delete Environment

Environments: Deploy Process

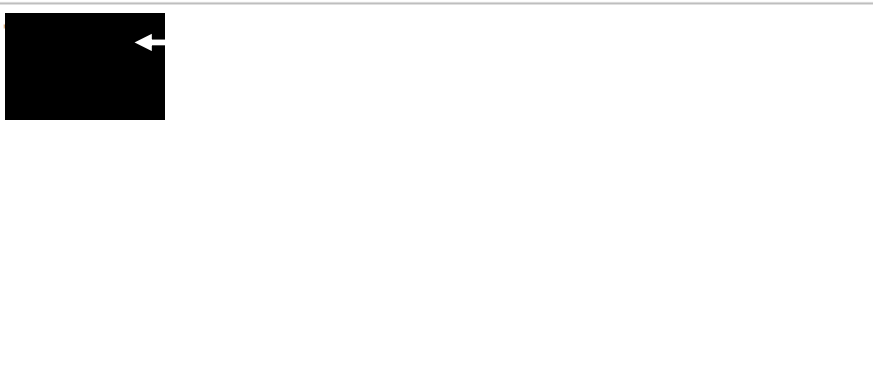
Environment Deployment

- 1) Attach an Atom to an Environment
- 2) Deploy a Process to an Environment

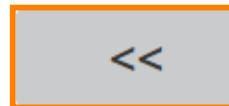
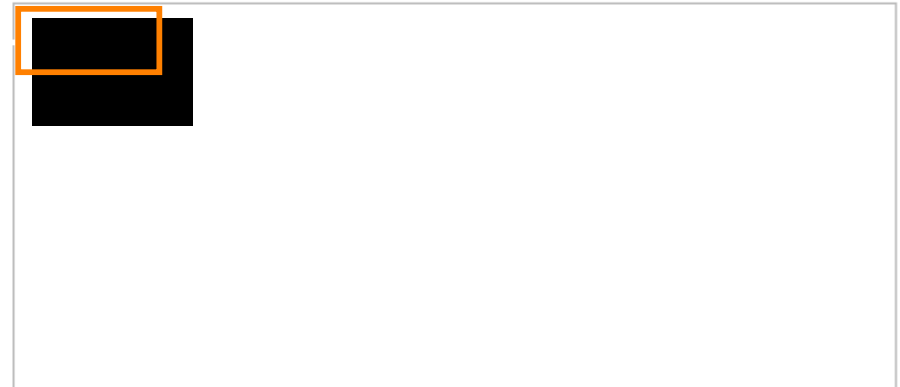
Deployments

Attachments

Attached Environments



Unattached Environments





Instructor to Demonstrate

- **Exercise 16: Create an Environment and Attach an Atom**
- **Exercise 17: Deploy the Process**

Page(s): 53 - 60

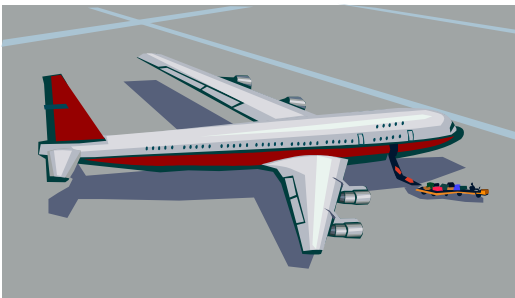
Deploy vs. Execute

Deploying a Process does NOT Execute the Process into active production.

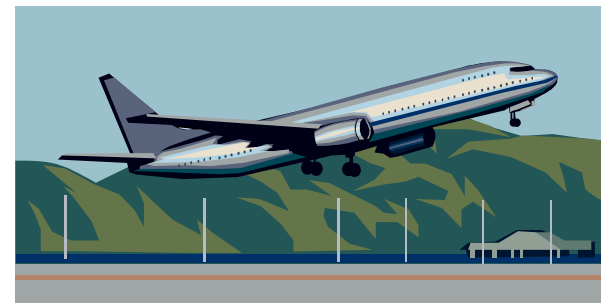
Once a Process is Deployed, it needs to be Executed either by:

- Manual execution (Manage→Process Reporting)
- Applying a schedule (Manage→Atom Management)
- External event triggering a Listener process

Deployed



Executed (Manual or Schedule)





Instructor to Demonstrate

- **Exercise 18: Execute the Process**


Page(s): 61 - 62

Process Reporting




- Defaults to Executions launched in Past Hour across All Atoms
- Set search filters and Refresh Search
- Highlight execution records to display document activity
- Manually 'play' deployed Processes in specific Atoms

Executions ▾

Execute Process Auto Refresh Table **ON**


Past Hour ▾ Add Filter 

All Errors Pending Successes

Time	Process	Actions	Atom	In	Out	Elapsed Time	Error Message
2016-05-02 08:15:00 AM	Prospect Tracking - My Name		Boomi Training Cloud	1	0	0:17	
2016-05-02 08:10:00 AM	Prospect Tracking - My Name		Boomi Training Cloud	1	1	0:17	
2016-05-02 08:05:00 AM	Prospect Tracking - My Name		Boomi Training Cloud	0	0	0:18	

Prospect Tracking - My Name

Time 2016-05-02 08:10:00 AM Elapsed Time 0:17 Documents In 1 Documents Out 1 Atom Boomi Training Cloud
Execution Type Scheduled Execution

 Actions

(Start) Salesforce

Connection salesforce
Operation Account Query by Type / Date
[Successes: 1](#) [Errors: 0](#)

Database

Connection Boomi Training (MySQL) - Solutions 2
Operation Org Insert 2
[Successes: 1](#) [Errors: 0](#)

Process Reporting

- Click on filter links to sort by Execution Status
- Page through sets of 25 execution records
- View high-level Process log
- Double-click to view details of the first Error Message returned:

The screenshot displays the Boomi Process Reporting interface. At the top, there are buttons for 'Execute Process' and 'Auto Refresh Table' (set to 'ON'). Below these, a filter bar shows 'All', 'Errors', 'Pending', and 'Successes', with 'Errors' selected. The main area is divided into two sections. The top section, titled 'Error Message', shows a detailed error: 'Error executing sql statement: Table 'orgtrack.CUSTOMER' doesn't exist; Caused by: Table 'orgtrack.CUSTOMER' doesn't exist'. The bottom section is a table of execution records. The first row of the table is highlighted, and a double-click action is shown, opening a detailed view of the error message for that specific record. The table columns include 'Out', 'Elapsed Time', and 'Error Message'. The bottom of the interface shows a pagination bar with '1-7 of 7' records.

Out	Elapsed Time	Error Message
0	0:10	Error executing sql statement: Table 'orgtrack.CU
0	0:10	
0	0:22	
0	0:17	
1	0:17	
0	0:18	

Process Reporting

View Process

- Open the Process on the Build Tab

View Deployment Components

- View and open component versions on the Build Tab

View Process State

- View real-time information about step execution and duration

View Extended Information

- View IDs and Download Execution Artifacts (Admin Only)

Cancel Process Execution

- Terminate Processes in a Pending state

	Time		Process	Actions		Atom
●	2016-05-02 08:23:36 AM	👤	Prospect Tracking - My Name	⚙️	📄	Boomi Training Cloud
●	2016-05-02 08:20:00 AM	📅	P	🔍 View Process	📄	Boomi Training Cloud
●	2016-05-02 08:15:00 AM	📅	P	📁 View Deployment Components	📄	Boomi Training Cloud
●	2016-05-02 08:10:00 AM	📅	P	🕒 View Process State	📄	Boomi Training Cloud
●	2016-05-02 08:05:00 AM	📅	P	ℹ️ View Extended Information	📄	Boomi Training Cloud
				❌ Terminate Process Execution		



Instructor to
Demonstrate

- **Exercise 19: Track Live Executions in Process Reporting**

Page(s): 63 - 66

Help and Support

Which AtomSphere Edition is Right for My Business?



Base Edition

Starter solution for SMB's to integrate two applications.



Professional Edition

For businesses looking to fully integrate their back- and front-offices.



Pro Plus Edition

Additional functionality to support real-time integration needs.



Enterprise Edition

Advanced features to support complex enterprise needs.

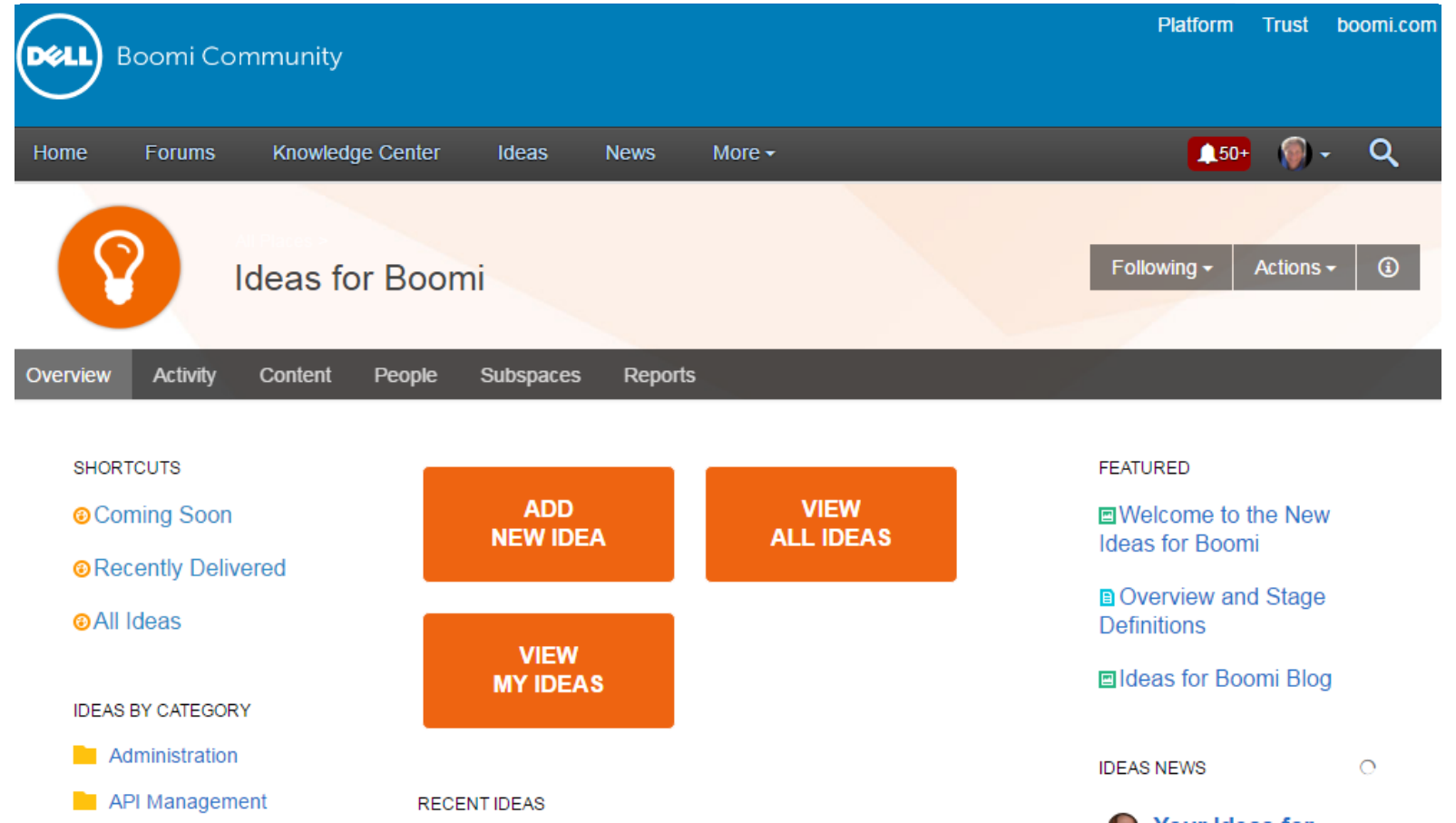
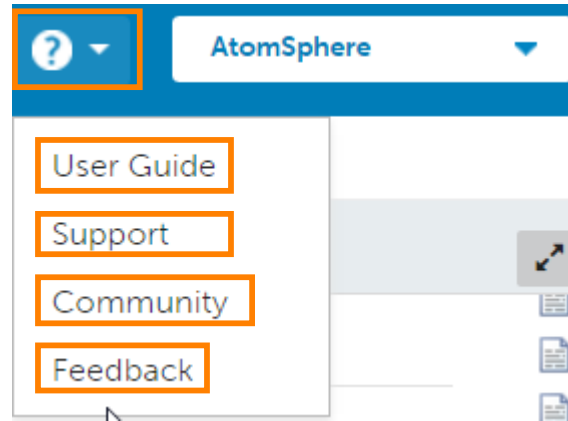


Enterprise Plus Edition

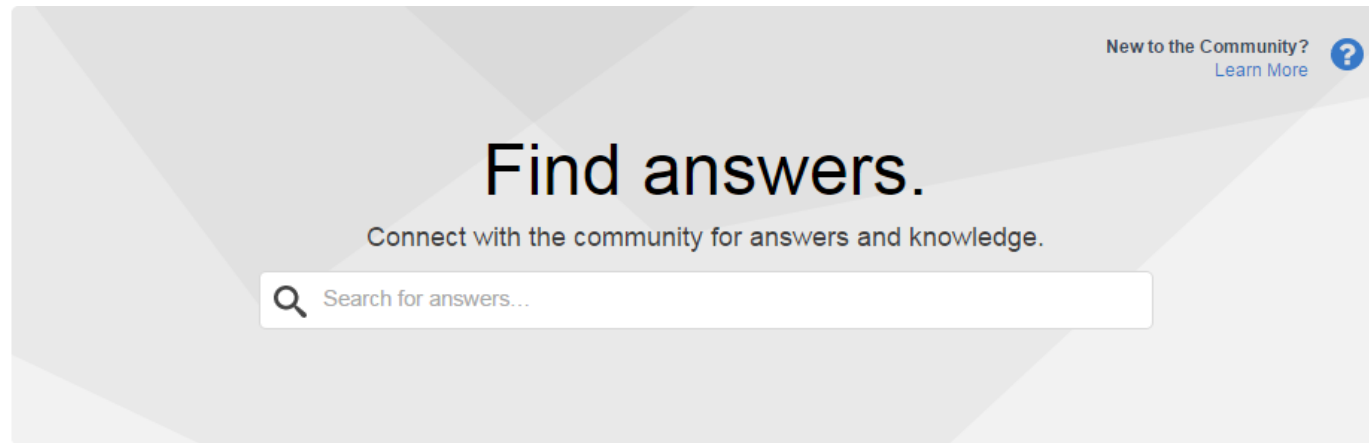
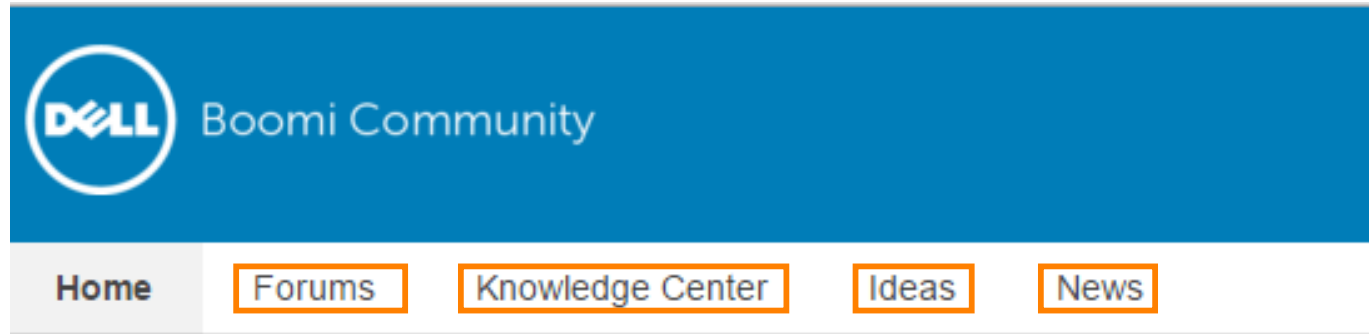
Advanced features and connectivity to support large enterprise needs.



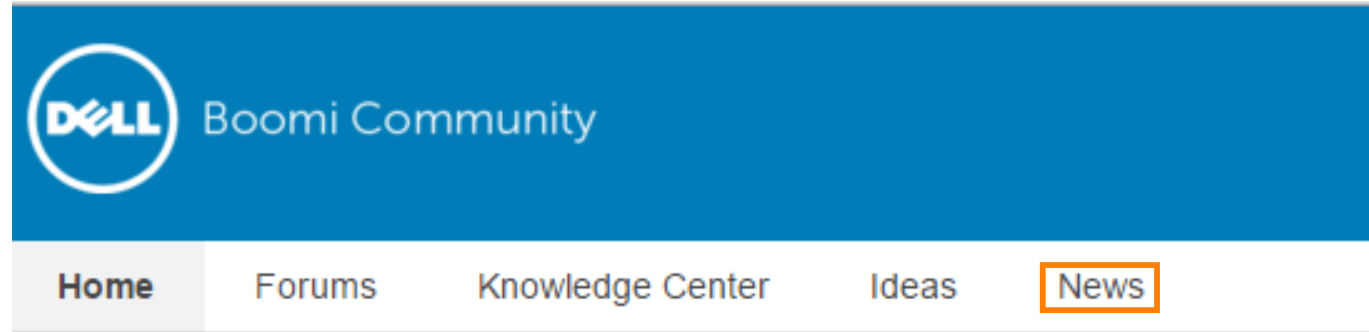
Help Options



How to Use the Community



How to Use the Community



Scenario 1

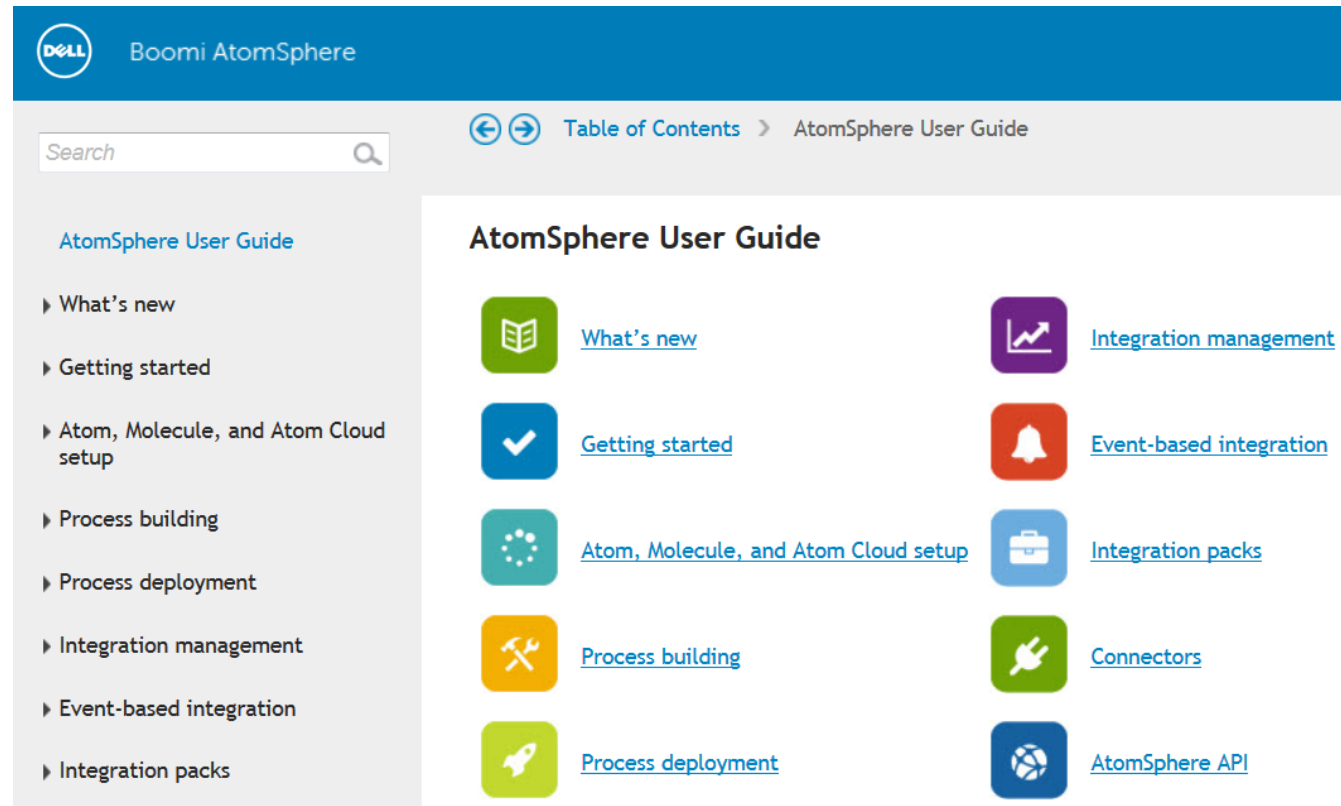
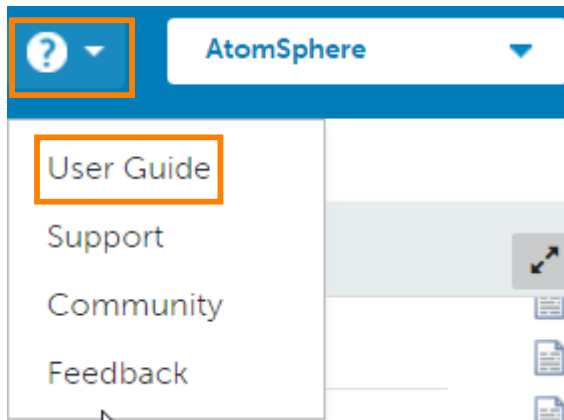
- I want to understand if Mail Connectors count against my licensed Connectors

Scenario 2

- I want to learn more about the Business Rules shape

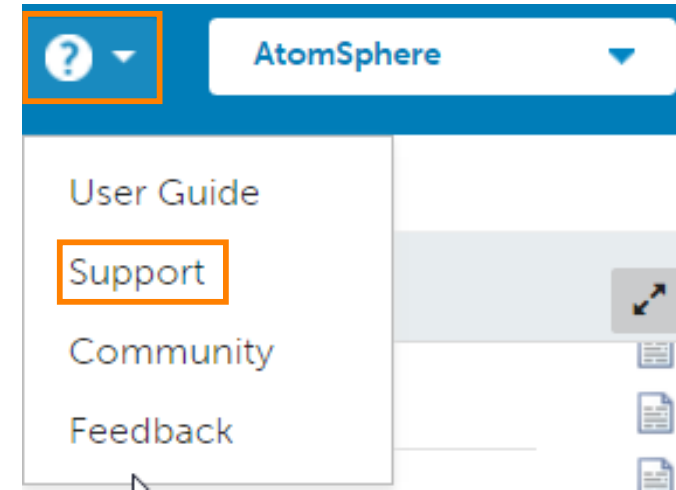
Boomi also offers a comprehensive User Guide for each of its platforms

- Searchable “encyclopedia” of all of Boomi’s shapes, terminology, and tools
- Located under the **Help** dropdown icon within **User Guide**



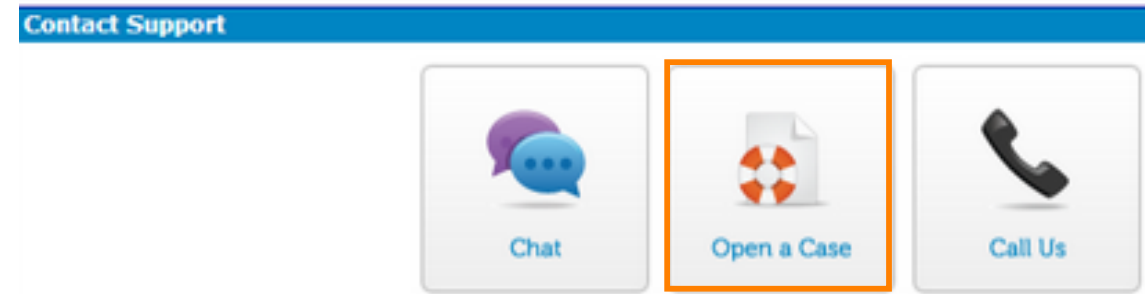
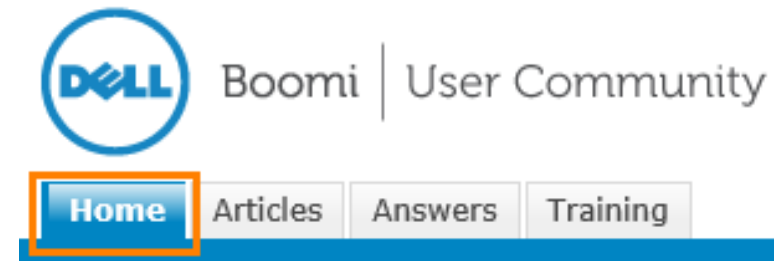
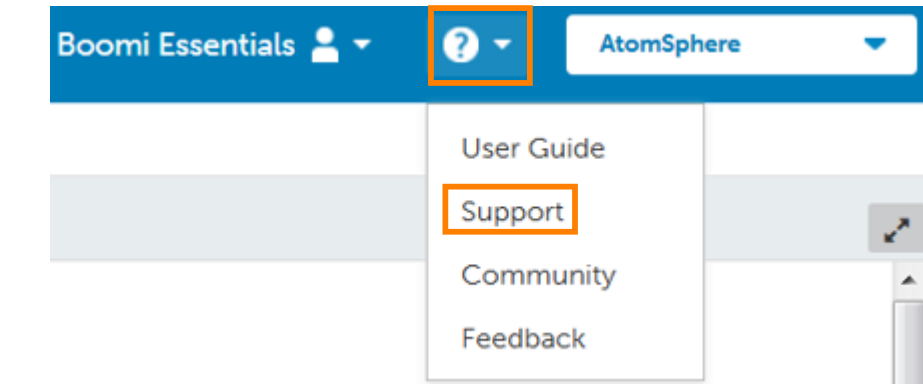
Contacting Support

- Portal (**Recommended**) - via the Help link to browse knowledge articles, collaborate with other users, or open a support case
- Email - email support@boomi.com to open a support case
- Phone - call the support number located in the portal to create a support case or for a Sev1 issue (Premier and Premier Plus Support).
- Live Chat - Available 24x5 starting Sunday 8 p.m. ET through Friday, 8 p.m. ET for simple issues (Premier and Premier Plus Support).



Opening a Support Case

1. To create a support case, go to the Help menu and click Support.
2. The Boomi Customer Portal home page opens
3. Click Open a Case



Support Case Window

Case Edit

Submit

Submit & Add Attachment

Cancel

Case Information

Product

--None--

Type of Issue

--None--

Severity

2

Contact Name

Tony Blusius

Phone Number

(512) 825-5555

Status

New

Parent Case

= Required Information

Description Information

Subject

Description

Error Message

Steps Taken

Business Impact

Environment Information

Component/Process URL

Application (End Points)

Available

ADP Employeease

ADP HRB

ADP Perspective

Aprimo Marketing Studio

AS2

AS400

Atlassian Jira

AtTask

Autotask

Chosen

Operating System

--None--

Submit

Submit & Add Attachment

Cancel

Case Information

Case Information ! = Required

Product ?	AtomSphere	Contact Name ?	Tony Blusius
Type of Issue	--None--	Phone Number	(512) 825-5555
Severity ?	2	Status	New
		Parent Case	

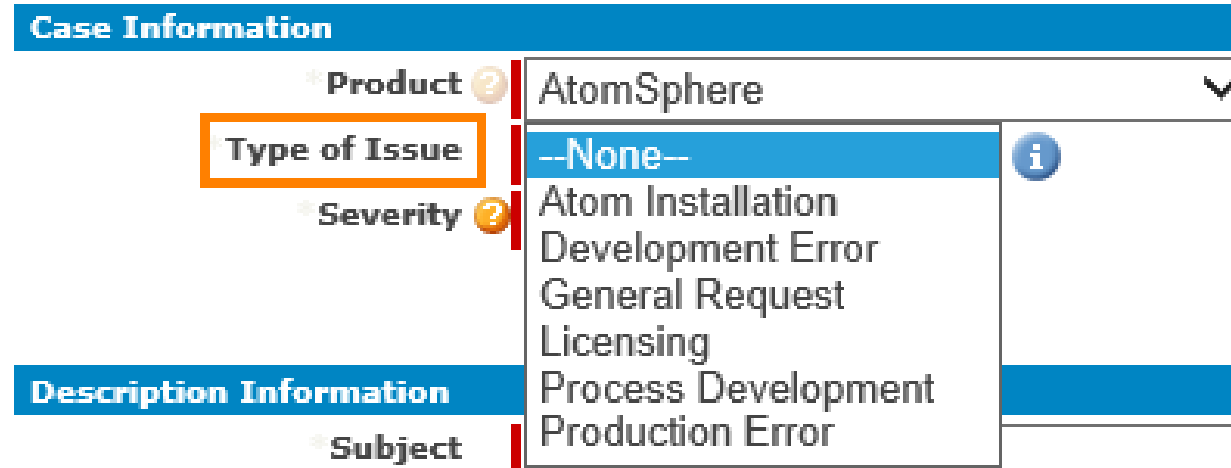
- Select the appropriate product (AtomSphere, MDM, etc.)

Case Information

Product ?	--None--
Type of Issue	AtomSphere
Severity ?	Salesforce.com QuickBooks Widget
	MDM

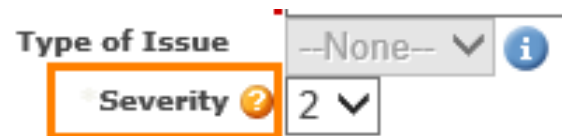
Case Information

- Select the type of issue



The screenshot shows a form titled "Case Information" with a blue header. Below the header, there are two main sections: "Case Information" and "Description Information". In the "Case Information" section, the "Product" field is set to "AtomSphere". The "Type of Issue" field is highlighted with an orange box, and its dropdown menu is open, showing options: "--None--", "Atom Installation", "Development Error", "General Request", "Licensing", "Process Development", and "Production Error". The "Severity" field is also visible with a question mark icon. The "Description Information" section has a "Subject" field.

- Choose the severity level

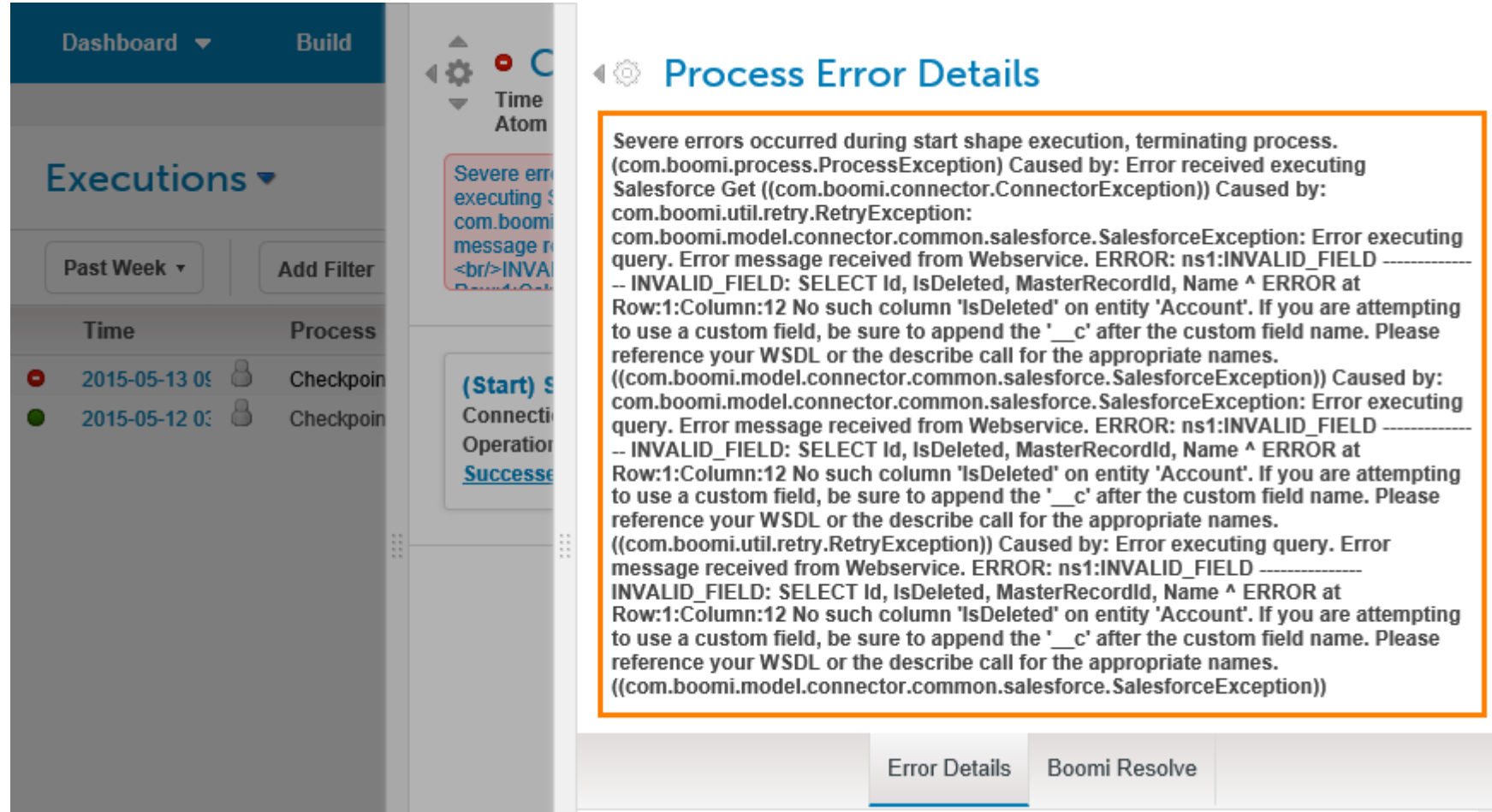


The screenshot shows a close-up of the "Type of Issue" and "Severity" fields. The "Type of Issue" dropdown is set to "--None--". The "Severity" field is highlighted with an orange box, and its dropdown menu is open, showing the value "2".

Case Description

Description Information	
Subject	FFP BockAir to LanniAir Send Accrual FTP Error
Description	I am getting a 550 FTP error message when trying to send accrual data to another carrier. I have retried the document and isolated the exception but continue to receive the same error message.
Error Message ?	<pre><?xml version="1.0" encoding="UTF-8" standalone="no"?> <WebServiceResponse><status>error</status><Error><code>S:Server</code><message>HttpException(500,Error from FTP Server, 550 Failed to</pre>
Steps Taken ? 10 remaining	2) Deployed revised fix to the accrual process Send Accrual Process - https://platform.boomi.com/#build;accountId=PPTD16;components=763d25dd-b61c-4815-88df-58d1ca8f1bdf 3) Retried the document 4) Received the same error
Business Impact ?	<u>LanniAir</u> requires this file information so I need this resolved and received on their end as soon as possible.

Error Message



The screenshot shows the Boomi interface with a sidebar on the left containing 'Dashboard' and 'Build' tabs, and an 'Executions' section with a 'Past Week' filter and an 'Add Filter' button. The main area displays a table of process executions. The first row shows a failed execution on 2015-05-13 05:00 for a 'Checkpoint' process, indicated by a red status icon. The second row shows a successful execution on 2015-05-12 03:00 for a 'Checkpoint' process, indicated by a green status icon. To the right of the table, a 'Process Error Details' panel is open, showing a detailed error message. The error message is enclosed in an orange border and contains the following text:

Severe errors occurred during start shape execution, terminating process.
(com.boomi.process.ProcessException) Caused by: Error received executing Salesforce Get ((com.boomi.connector.ConnectorException)) Caused by: com.boomi.util.retry.RetryException:
com.boomi.model.connector.common.salesforce.SalesforceException: Error executing query. Error message received from Webservice. ERROR: ns1:INVALID_FIELD -----
-- INVALID_FIELD: SELECT Id, IsDeleted, MasterRecordId, Name ^ ERROR at Row:1:Column:12 No such column 'IsDeleted' on entity 'Account'. If you are attempting to use a custom field, be sure to append the '__c' after the custom field name. Please reference your WSDL or the describe call for the appropriate names.
((com.boomi.model.connector.common.salesforce.SalesforceException)) Caused by: com.boomi.model.connector.common.salesforce.SalesforceException: Error executing query. Error message received from Webservice. ERROR: ns1:INVALID_FIELD -----
-- INVALID_FIELD: SELECT Id, IsDeleted, MasterRecordId, Name ^ ERROR at Row:1:Column:12 No such column 'IsDeleted' on entity 'Account'. If you are attempting to use a custom field, be sure to append the '__c' after the custom field name. Please reference your WSDL or the describe call for the appropriate names.
((com.boomi.util.retry.RetryException)) Caused by: Error executing query. Error message received from Webservice. ERROR: ns1:INVALID_FIELD -----
INVALID_FIELD: SELECT Id, IsDeleted, MasterRecordId, Name ^ ERROR at Row:1:Column:12 No such column 'IsDeleted' on entity 'Account'. If you are attempting to use a custom field, be sure to append the '__c' after the custom field name. Please reference your WSDL or the describe call for the appropriate names.
((com.boomi.model.connector.common.salesforce.SalesforceException))

At the bottom of the error details panel, there are two tabs: 'Error Details' (which is selected) and 'Boomi Resolve'.

Case Description

Description Information	
Subject	FFP BockAir to LanniAir Send Accrual FTP Error
Description	I am getting a 550 FTP error message when trying to send accrual data to another carrier. I have retried the document and isolated the exception but continue to receive the same error message.
Error Message	<?xml version="1.0" encoding="UTF-8" standalone="no"?> <WebServiceResponse><status>error</status><Error><code>S:Server</code><message>HttpException(500,Error from FTP Server, 550 Failed to
Steps Taken	2) Deployed revised fix to the accrual process Send Accrual Process - https://platform.boomi.com/#build;accountId=PPTD16;components=763d25dd-b61c-4815-88df-58d1ca8f1bdf 3) Retried the document 4) Received the same error
Business Impact	LanniAir requires this file information so I need this resolved and received on their end as soon as possible.

Environment Information

Environment Information

Component/Process URL ? =execution-ab2f8fc2-0366-4db7-8aed-daeb1d308744-2015.05.12;status=error

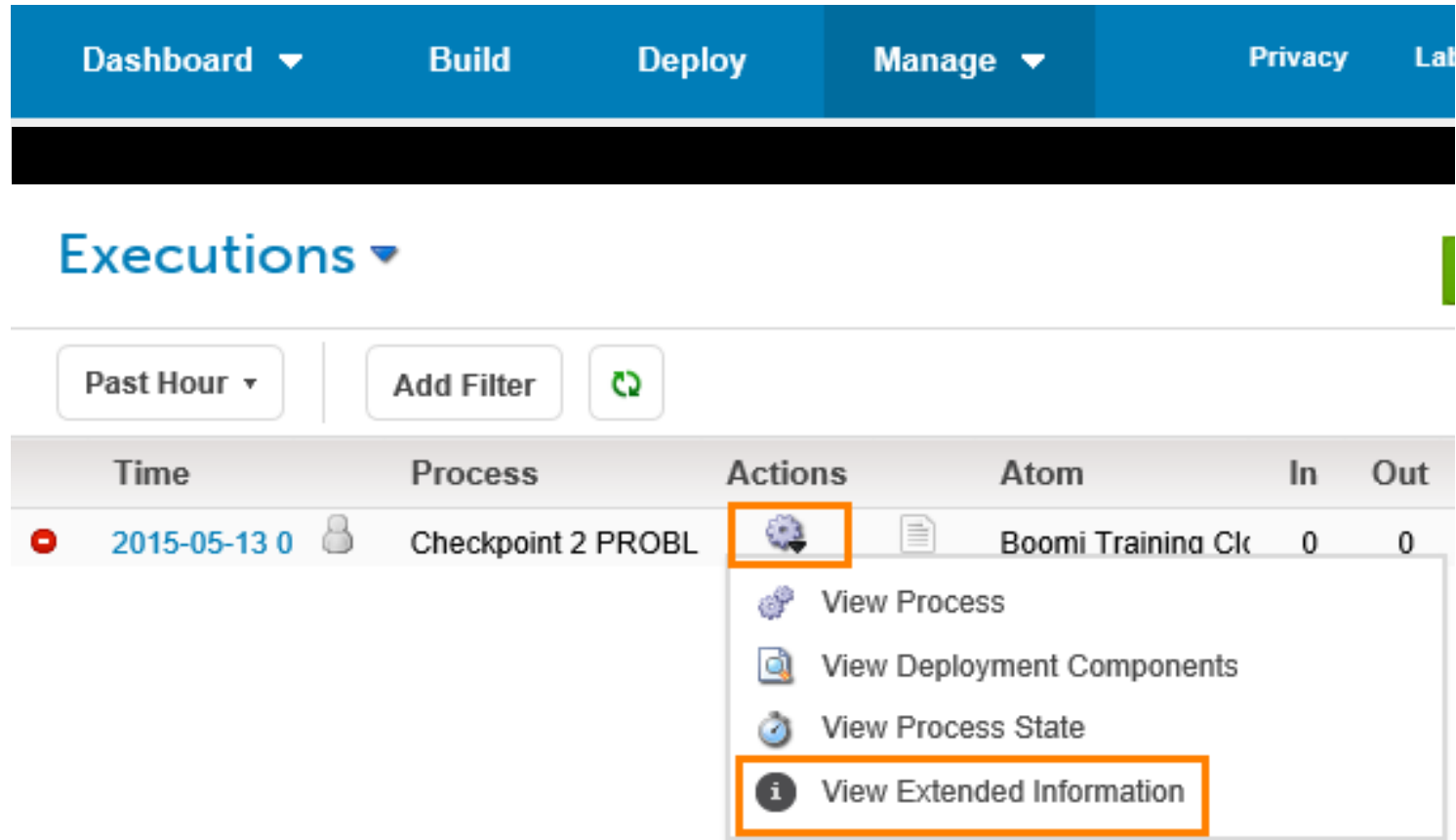
Application (End Points) ?

FileMakerPro		
Fishbowl		
Freshbooks		
FTP, FTPS, SFTP		Chosen
Google Apps		
Host Analytics		
HTTP, HTTPS		
Innotas		
Intacct		
Interspire		

Operating System --None--

Copying the URL

Located under Mange > Process Reporting



The screenshot displays the Boomi user interface. At the top, a navigation bar includes 'Dashboard', 'Build', 'Deploy', 'Manage', 'Privacy', and 'Lab'. Below this, the 'Executions' section is visible, featuring a 'Past Hour' filter, an 'Add Filter' button, and a refresh icon. A table lists execution records with columns for Time, Process, Actions, Atom, In, and Out. The first row shows a failed execution on 2015-05-13 for 'Checkpoint 2 PROBL' in the 'Boomi Training Clk' atom. The 'Actions' column for this row has a dropdown menu open, listing four options: 'View Process', 'View Deployment Components', 'View Process State', and 'View Extended Information'. The 'View Extended Information' option is highlighted with an orange box.

Time	Process	Actions	Atom	In	Out
2015-05-13 0	Checkpoint 2 PROBL	<ul style="list-style-type: none">View ProcessView Deployment ComponentsView Process StateView Extended Information	Boomi Training Clk	0	0

Copying the URL

Copy the Execution ID

Extended Execution Information

Execution ID	execution-f4edafd4-f0f6-44d3-8714-c99ae7dfc8d8-2015.05.13
Process ID	90b39b78-34d2-441b-b78b-11c94554debc
Atom ID	af6dc243-a295-47b2-a86a-437c5db0f096
Node ID	10_176_12_197[execution-f4edafd4-f0f6-44d3-8714-c99ae7dfc8d8-2015.05.13]
Deployment ID	29af842e-aad5-4573-a724-a36ed645c5c0

Select Add Filter and filter by Execution ID

The screenshot shows the Boomi interface with a navigation bar at the top containing 'Dashboard', 'Build', 'Deploy', and 'Manage'. Below the navigation bar is a section titled 'Executions'. In the 'Executions' section, there is a 'Past Hour' filter and an 'Add Filter' button. The 'Add Filter' button is highlighted with an orange box. A dropdown menu is open below the 'Add Filter' button, showing several filter options: 'Atoms', 'Process', 'Execution ID' (highlighted with an orange box), 'Hide Successes with 0 Inbound Docs', and 'Execution Modes'. The 'Execution ID' option is the one selected for filtering.

Environment Information

Environment Information

Component/Process URL ? =execution-ab2f8fc2-0366-4db7-8aed-daeb1d308744-2015.05.12;status=error

Application (End Points) ?

FileMakerPro	Chosen
Fishbowl	
Freshbooks	
FTP, FTPS, SFTP	
Google Apps	
Host Analytics	
HTTP, HTTPS	
Innotas	
Intacct	
Interspire	

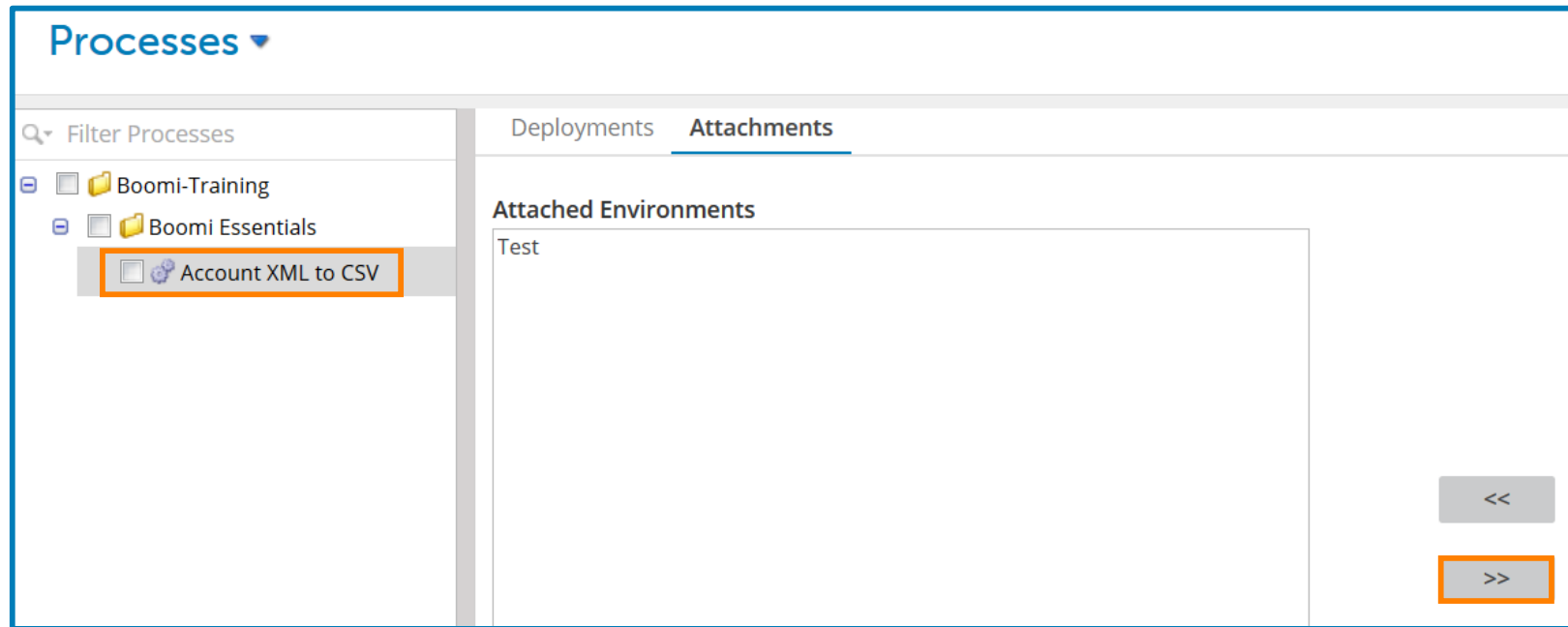
Operating System --None--

Submit **Submit & Add Attachment** **Cancel**

Process Deactivation

Detach the Atom

Deploy >> Process >> Attachments >> Unattached





Instructor to Demonstrate

- **Exercise 20: Detach the Atom**

Page(s): 67 - 68

Congratulations!

End of Boomi Essentials

Thank you



Boomi

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