

Automated Contact Sync from Salesforce to Gmail with Boomi (No OAuth Required)

Objective

Automate the extraction of Salesforce Contact data, transform it into CSV format, and deliver it via email using the Boomi integration platform — without relying on OAuth or third-party storage.

Tools Used:

- Salesforce Developer Org
- Boomi AtomSphere (Free Tier)
- Gmail SMTP + App Password
- Flat File Profile (CSV)

Step-by-Step Process

Salesforce Setup

Salesforce Connected app with api auth

Boomi Setup

1. Salesforce Setup and Connection
2. CSV Structure via Flat File Profile
3. Data Mapping (Salesforce → CSV)
4. Email Delivery Setup (Gmail SMTP)
5. Mail Operation to Send CSV
6. Boomi Process Flow
7. Deployment and Execution

Process Flow

BoomiSFSync (Salesforce Connector)



ContactMap (FieldMapping to CSV)



EmailSMTPConnection (Send as Attachment via Email)

Process Library

SFDevConnection ✕

Save

Connection

<https://login.salesforce.com/services/Soap/u/39.0>

bindupagad@achieveheights.com

<Encrypted>

Version 15.0 - Current

10



Search component

▼ Northeastern University

▼ Connectors

▼ Salesforce

▼ Connections

 SFDevConnection

 SFDevConnection

Process Library



BoomiSFSync ×

⚡ New Salesforce Connector Operation ×

SFDevConnection ×



Salesforce Connector Operation

Salesforce Operation ⓘ



Save & Close

Save

Click Import Operation to add or update the details below.

Import Operation

Options

Advanced

Archiving

Tracking

Caching

Connector Action

Get

Object

None

Action

Response Profile

Choose...

+

Search component

≡

▼

Northeastern University

▼

Connectors

▼

Salesforce

▼

Connections

SFDevConnection

SFDevConnection

Process Library

>>

Home

BoomiSFSync

New Salesforce Connector Operation

SFDevConnection

⚡

Salesforce Connector Operation

Salesforce Operation

📁

📅

Save & Close

Save

Click Import Operation to add or update the details below.

Import Operation

Options

Advanced

Archiving

Tracking

Caching

Object

Action

Response Profile

Use Bulk API

Query Limit

Contact

query

SF>Contact_QUERY_Res

☐

-1

Show SOQL

Objects

Fields

Filters

Sorts

Contact

Child Objects

Parent Objects

Contact

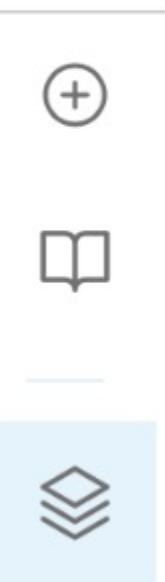
☒ Id

☒ IsDeleted

☒ MasterRecordId

☒ AccountId

☒ LastName



- Search component
- ▼

Northeastern University
- ▼

Connectors
- ▼

Salesforce
- ▼

Connections
- ☘

SFDevConnection
- ☘

SFDevConnection
- 📁

Process Library

⚡

Salesforce C

Click Import Operation

Import Operation

Options

Advanced

Object

Action

Response Profile

Use Bulk API

Query Limit

Show SOQL

Objects

☒

☘

Contact

☘

Child Objects

☘

Parent Objects

☘

☑

MasterRecordId

☘

☑

AccountId

☘

☑

LastName

☘

☑

FirstName

SOQL Query

SELECT Id, IsDeleted, MasterRecordId, AccountId, LastName, FirstName, Salutation, Name, OtherStreet, OtherCity, OtherState, OtherPostalCode, OtherCountry, OtherLatitude, OtherLongitude, OtherGeocodeAccuracy, OtherAddress, MailingStreet, MailingCity, MailingState, MailingPostalCode, MailingCountry, MailingLatitude, MailingLongitude, MailingGeocodeAccuracy, MailingAddress, Phone, Fax, MobilePhone, HomePhone, OtherPhone, AssistantPhone, ReportsToId, Email, Title, Department, AssistantName, LeadSource, Birthdate, Description, OwnerId, HasOptedOutOfEmail, HasOptedOutOfFax, DoNotCall, CreatedDate, CreatedById, LastModifiedDate, LastModifiedById, SystemModstamp, LastActivityDate, LastCURequestDate, LastCUUpdateDate, LastViewedDate, LastReferencedDate, EmailBouncedReason, EmailBouncedDate, IsEmailBounced, PhotoUrl, Jigsaw, JigsawContactId, CleanStatus, Level__c, Languages__c, Location__Latitude__s, Location__Longitude__s, Location__c, Data_Quality_Description__c, Data_Quality_Score__c, Visited__c **FROM** Contact

Cancel

Save & Close

Save



FieldMapping

Map ⓘ



Import

Save & Close

Save

[Boomi Suggest](#)[Clear all mappings](#)[SF_Contact_QUERY...](#) [Choose](#)

Filter

Search for field

- [-] Contact
 - Id
 - IsDeleted
 - MasterRecordId
 - AccountId
 - LastName
 - FirstName
 - Salutation
 - Name
 - OtherStreet
 - OtherCity
 - OtherState
 - OtherPostalCode
 - OtherCountry
 - OtherLatitude

Functions

[ContactFlatFileCSV](#) [Choose](#)

Filter

Search for field

- Record
- Elements
- FirstName
- LastName
- Name
- Email
- Phone
- Mobile Phone
- Birthdate

Packaged Components

Before you can deploy your configured processes to an environment, you first create a packaged component version of the process. A packaged component is a point-in-time, versioned "snapshot" of a process or other deployable components, such as API Services or Custom Libraries, and their child components. The packaged component provides a consistent, stable version of the process that is then deployed to environments, and is unaffected by future component revisions in the Build tab. The same packaged component version can also be published to integration packs or process libraries. [Learn more](#)

Create Packaged Component

Search Component Name and Version

Add Filter ▾

Actions	Component Name	Component Type	Version	Created Date	Notes	Deployed To	Sharing ⓘ	Status ⓘ
	<u>BoomiSFSync</u>	Process	1.0	31 May 2025 19:26:18	—	—	Not Allowed	Active

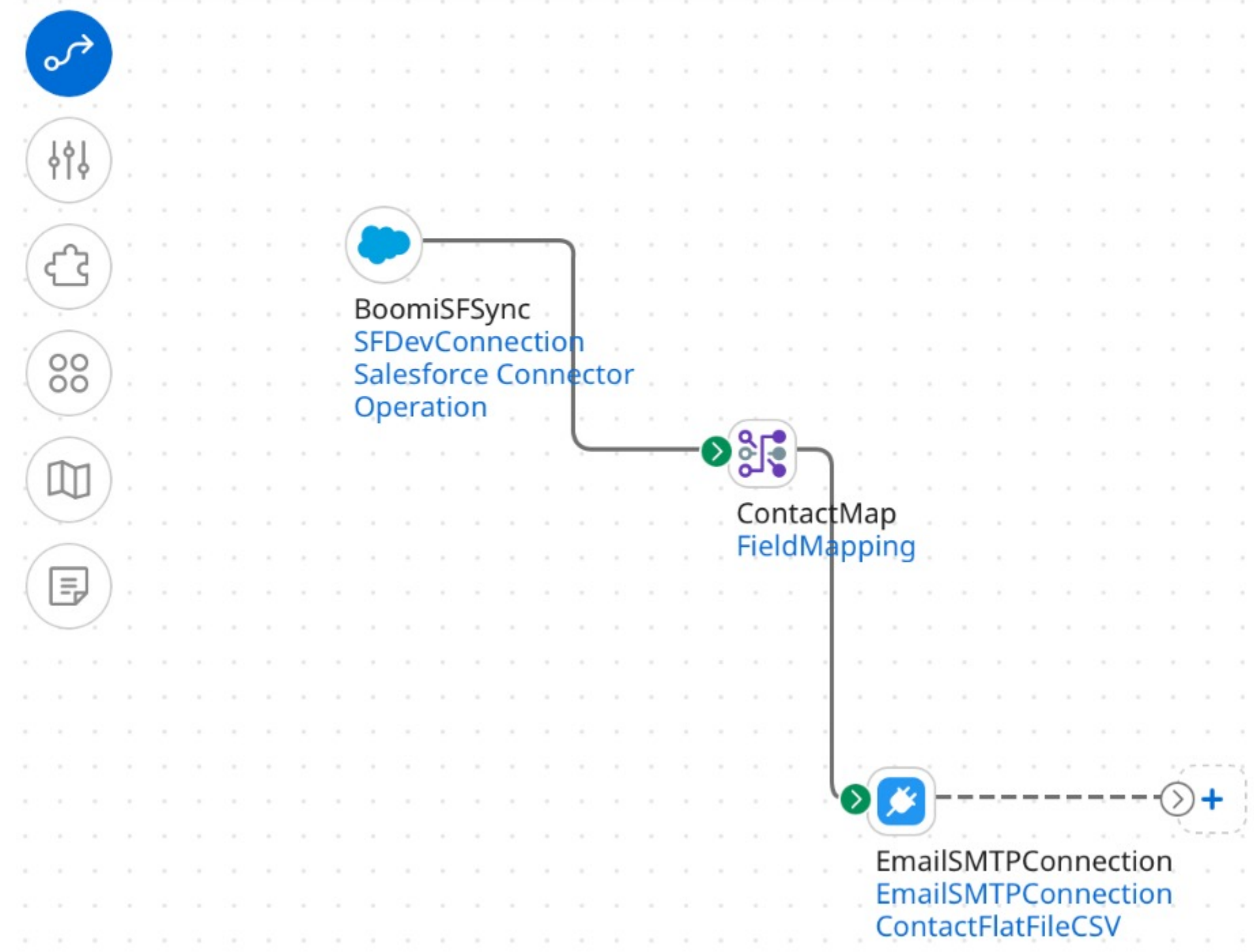


Search component

- ▼ Northeastern University
 - > Connectors
 - > Flat File Profiles
 - > JSON Profiles
 - > Maps
 - > Processes
 - > XML Profiles
 - Process Library

BoomiSFSync Process ⓘ

Create Packaged Component Test Save & Close Save



Previous Save on 31 May 2025 at 07:24:22 PM UTC-4 [Revert](#)

[Revision History](#)





Delete forever



8 of 104



Salesforce Contacts Export

Bin ×



bindupagad181997@gmail.com

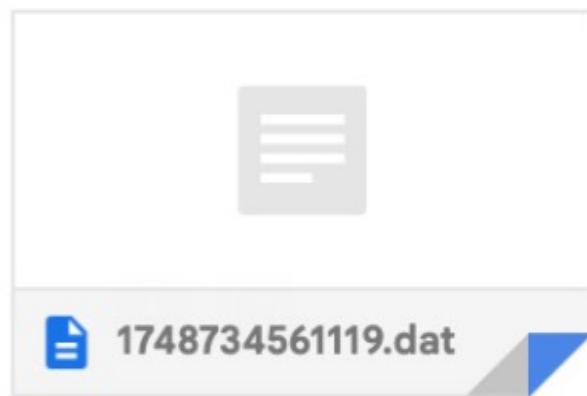
to me ▾



Sat 31 May, 19:36 (5 days ago)



One attachment • Scanned by Gmail ⓘ



Reply



Forward



✎

Compose

- 📁

Inbox
- ☆

Starred
- 🕒

Snoozed
- ▶️

Sent
- 📧

Drafts
- ^

Less
- 📌

Important
- 💬

Chats
- 📅

Scheduled
- 📁

All Mail
- 🚫

Spam
- 🗑️

Bin
- ▶️

Categories
- ⚙️

Manage labels
- +

Create new label

- Labels
- 📁


Del
- 📁

Socail

Edna, Frank, Edna Frank, efrank@genepoint.com, (650) 867-3450, (650) 867-7686, 19420105 000000.000

<

>



▼

