

Solution Architecture

Basic Functionality

The solution enables users to:

- Search for companies in Norway's company register (Brønnøysundregistrene or Brreg, <https://www.brreg.no/en/>) using either company name or organization number.
- Import new company data or verify and update existing Salesforce Account records with accurate Brreg data.

Data Retrieval

- **Source:** Brreg public API:
<https://www.brreg.no/en/use-of-data-from-the-bronnoysund-register-centre/datasets-and-api/data-about-organisations/>
- **Data Flow:** Your Salesforce org directly connects to the Brreg API. No data is stored externally.

Installation and Configuration for Admins

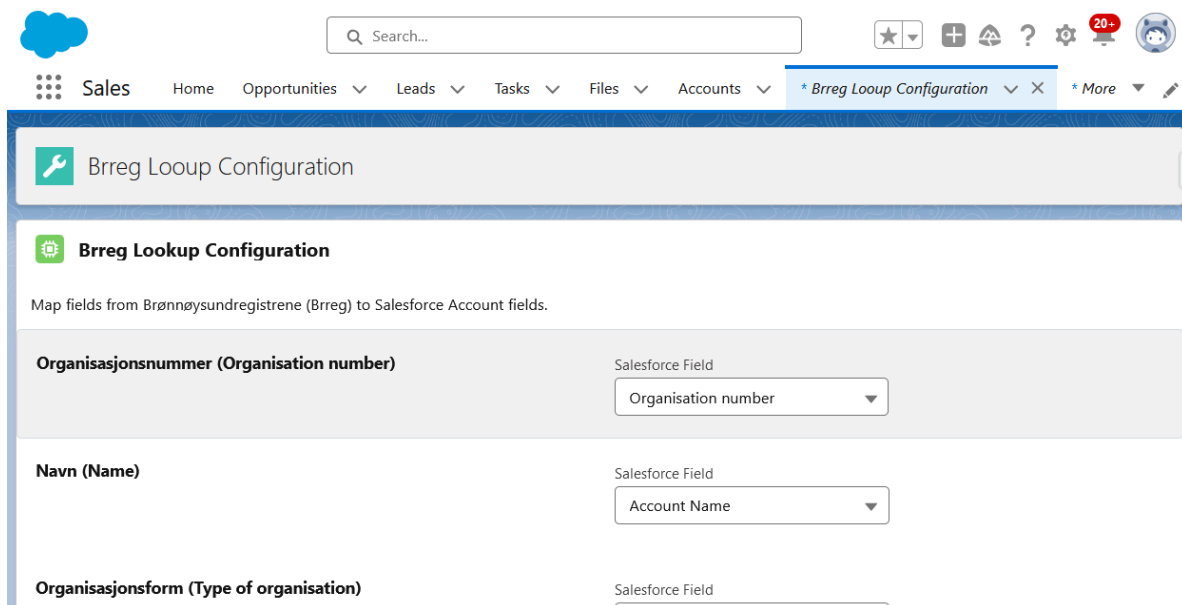
Installation

- It is recommended to install the package for admins only initially. This allows only admins to define and edit field mappings.

Configuration

1. Field Mappings

- For the solution to function, admins must map Brreg fields to Salesforce fields.
- The mapping process requires a **unique key** to identify accounts, which is the **organization number**. Without this, the solution cannot properly match or create account records in Salesforce.
- Navigate to the **"Brreg Lookup Configuration" app** to define mappings.
- If you already have an **organization number field** defined in your Salesforce Account object, map it to the Brreg organization number field.
- Continue mapping any additional fields you want to update from Brreg.



The screenshot shows the Salesforce interface with the 'Brreg Lookup Configuration' app selected in the sidebar. The app header includes a search bar and navigation icons. The main content area is titled 'Brreg Lookup Configuration' and contains the instruction: 'Map fields from Brønnøysundregistrene (Brreg) to Salesforce Account fields.' Below this, there are three mapping rows:

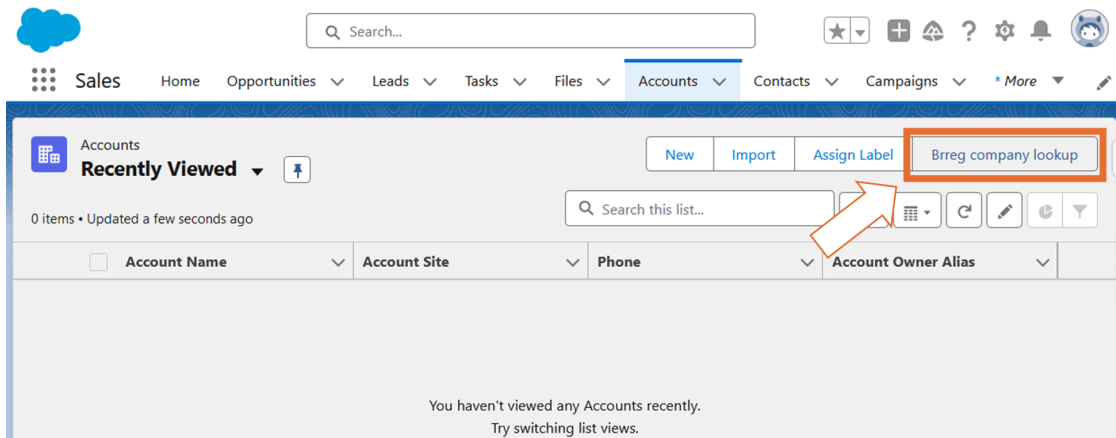
Brreg Field	Salesforce Field
Organisasjonsnummer (Organisation number)	Organisation number
Navn (Name)	Account Name
Organisasjonsform (Type of organisation)	

2. Granting Access

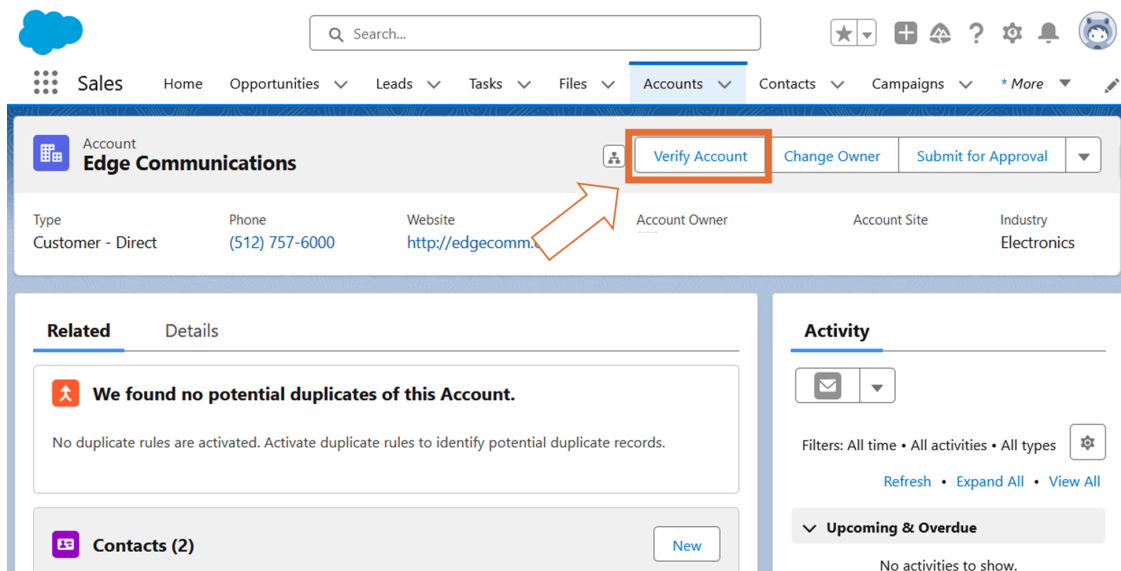
- Non-admin users can use the solution via the **"Brreg Company Lookup" app** to search and update company records.
- Assign appropriate permission sets:
 - **Brreg Lookup User:** For general access to the search and update functionality.
 - **Brreg Lookup Admin:** For users who need to configure or adjust field mappings.

3. Enhanced User Access Options

- Add **"Brreg Company Lookup"** to the Account List View Button layout to allow users to access the functionality directly from the list view.



- Add the **"Verify Account"** button to the Account page layout to let users verify Salesforce Account details against Brreg.



End-User Guide

Accessing the Solution

- Users can use the **"Brreg Company Lookup" app** to search for companies by name or organization number.

The screenshot displays the 'Brreg Company Lookup' application interface. At the top, there is a navigation bar with a search bar and various icons. Below the navigation bar, the app title 'Brreg Company Lookup' is shown. The main search area contains two input fields: 'Company Name' with the text 'dnb' and 'Organization Number'. A 'Reset' button is located below the 'Company Name' field, and a 'Search' button is to the right of the 'Organization Number' field. Below the search area, it indicates 'Total Results: 207'. The 'Search Results' section shows a table with columns: Name, Organisation number, City, Type, and an action column. The first four rows of results are visible.

	Name	Organisation number	City	Type	
1	DNB BEDRIFTSIDRETTSLAG	917257116	TRONDHEIM	FLI	
2	DNB MARKATRAVERNE	916880928	JESSHEIM	FLI	
3	DNB MONCHEBANK	992083514	MURMANSK	UTLA	
4	DNB PALETEN	003377434	OSLO	FLI	

- Click on a search result to:
 - **Create a New Account:** Save the result as a new Salesforce account record.

Create Account

Organisation number
910968955

*Account Name
DNB EIENDOM AS

Billing Street
Dronning Eufemias gate 30

Billing State/Province
OSLO

Billing City
OSLO

- **Update an Existing Account:** If a match is found based on the organization number, update the existing Salesforce account with Brreg data.

Update Existing Account

Organisation number
91723116

*Account Name
DNB BEDRIFTSIDRETSLAG

Billing Street
Beddingen 16

Previous Value: Beddingen XX

Billing State/Province
TRONDHEIM

Billing City

Using the Verify Account Button

- If enabled by the admin, the **"Verify Account"** button on the Account page allows users to:
 - Search Brreg for the account using the Salesforce organization number or company name.
 - Review any matching results from Brreg.

- Compare differences between Brreg and Salesforce data and save the updates.

The screenshot shows the Salesforce interface for an account named 'Edge Communications'. The account details include: Type: Customer - Direct, Phone: (512) 757-6000, Website: http://edgecomm..., Account Owner: [blank], Account Site: [blank], and Industry: Electronics. A red box highlights the 'Verify Account' button, with an orange arrow pointing to it. Below the account details, there are sections for 'Related' (showing no potential duplicates) and 'Activity' (showing no activities to show).

The screenshot shows the 'Update Existing Account' dialog box in Salesforce. The dialog box contains the following fields and values:

- Organisation number: 930925896
- *Account Name: EDGE COMMUNICATIONS AS (Previous Value: Edge Communications)
- Billing Street: Eckersbergs gate 25 (Previous Value: 312 Constitution Place Austin, TX 78767 USA)
- Billing State/Province: OSLO

The background shows a list of search results for accounts, with the first few entries visible: 1. EDGE COMMUNIC..., 2. EDGE AS, 3. PROJECT EDGE, 4. ANNAPaula COM..., 5. CAMPER COMM..., 6. COLLE COMMUNI..., 7. CROWTHER COM..., 8. DEEGAN COMMU..., 9. DURATURO COM...