

# Provisioning Website - Design

Primary Owner [ots-dse-hw-team \(LDAP\)](#)

Last modified a few seconds ago by [traykeli](#).

## Overview

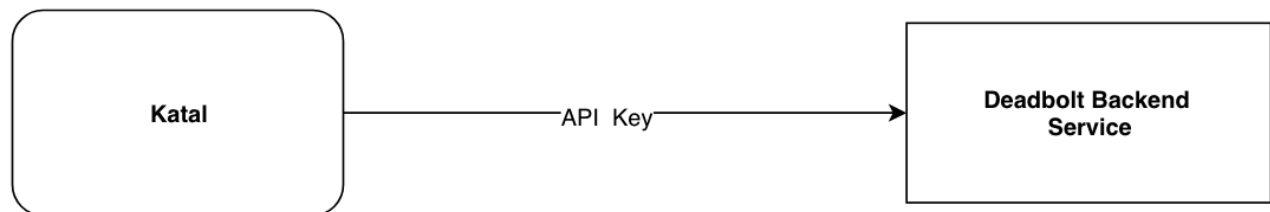
The Provisioning Website is the source of truth for locker creation and locker provisioning.

- Prod URL [here](#)
- Test URL [here](#)

## Software Architecture

The Provisioning Website architecture is based off of [Katal Midway React app](#). Katal is an internal Amazon framework to streamline frontend development. More information on Katal can be found [here](#). The architecture comes with the following services straight OOTB:

- A React web application
- Hosting static assets on S3 to be served from behind Cloudfront
- Internal corp React websites using Midway for authentication



The following components are handled OOTB with Katal

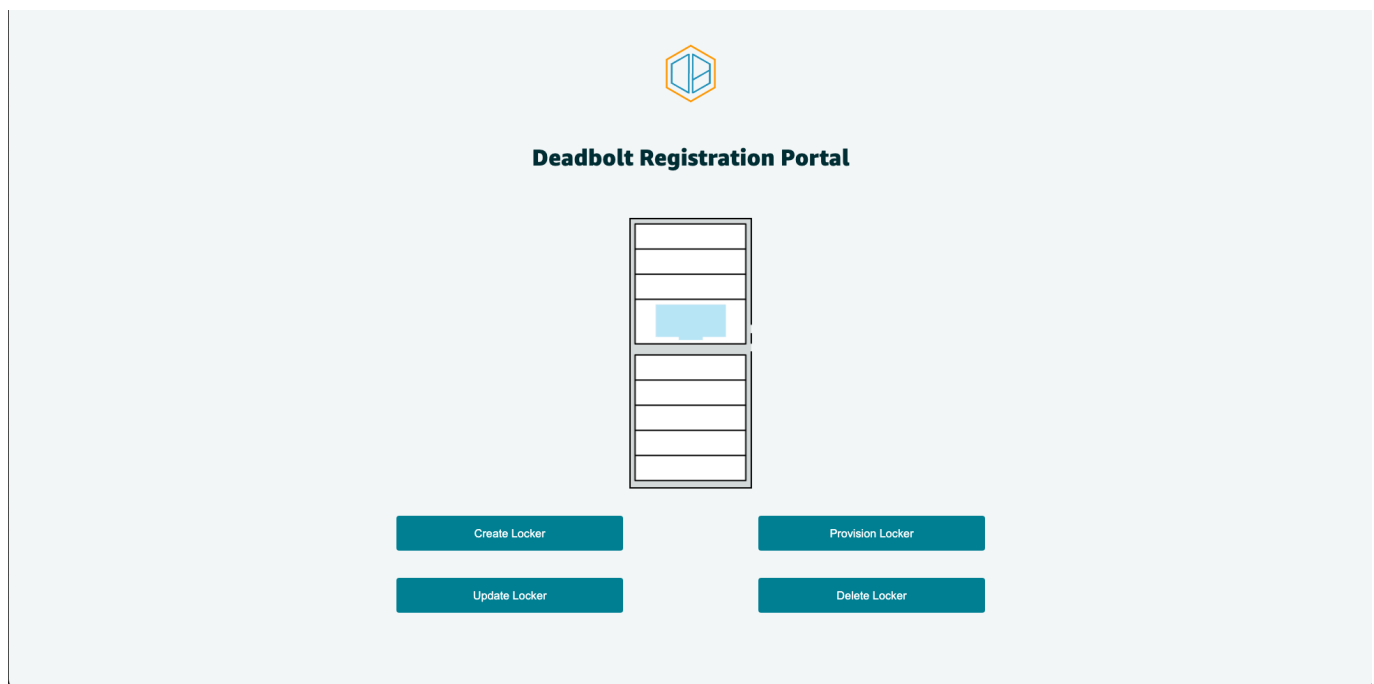
- General Midway Authentication
- E2E code deployment pipeline
- Barebones React framework integration to frontend code
- Frontend Code package [here](#)
- Backend Code package [here](#)

Custom Parts of the code added by the team

- Integration of [Deadbolt Backend Service](#) via API Keys
- Integration of Route53 custom URL hosting
- UI/UX frontend creation
- Frontend State management

## User Interface

# Home



## Create Locker


### Functionalities :

This feature is used for creating new lockers for a business line. The following details will need for creating the new lockers:

- Locker name
- Locker type configurations.
- Locker WHID
- Maintenance mode pin
- Locker Address

### Scope of use :

- A new locker is being installed in a physical site.
- A previously deleted locker is created again with up to date information.



### Locker Information

Pre Built Locker Configurations

GEN2.1-TC

Locker ID:

Some ID

Locker Friendly Name:

Some Name

WHID:

Some WHID

Business Line:

AFO


Address:

Some Address

Create Locker

### Locker Image

1	tc56: 10
2	tc56: 10
3	tc56: 10
4	Screen
5	tc56: 10
6	tc56: 10
7	(D) tc56: 10
8	Not Used
9	Not Used



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Locker successfully created

Locker ID: Some ID Provisioning Code: NDKHBC

Close

## Update Locker

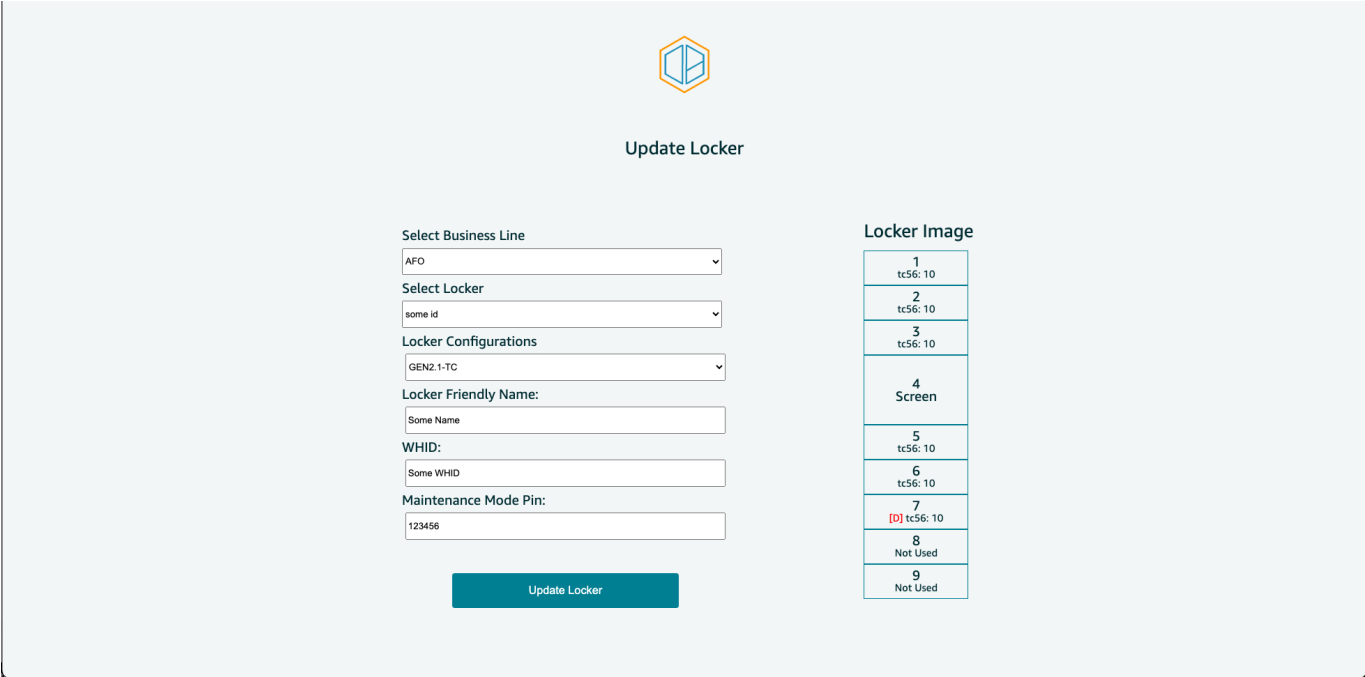
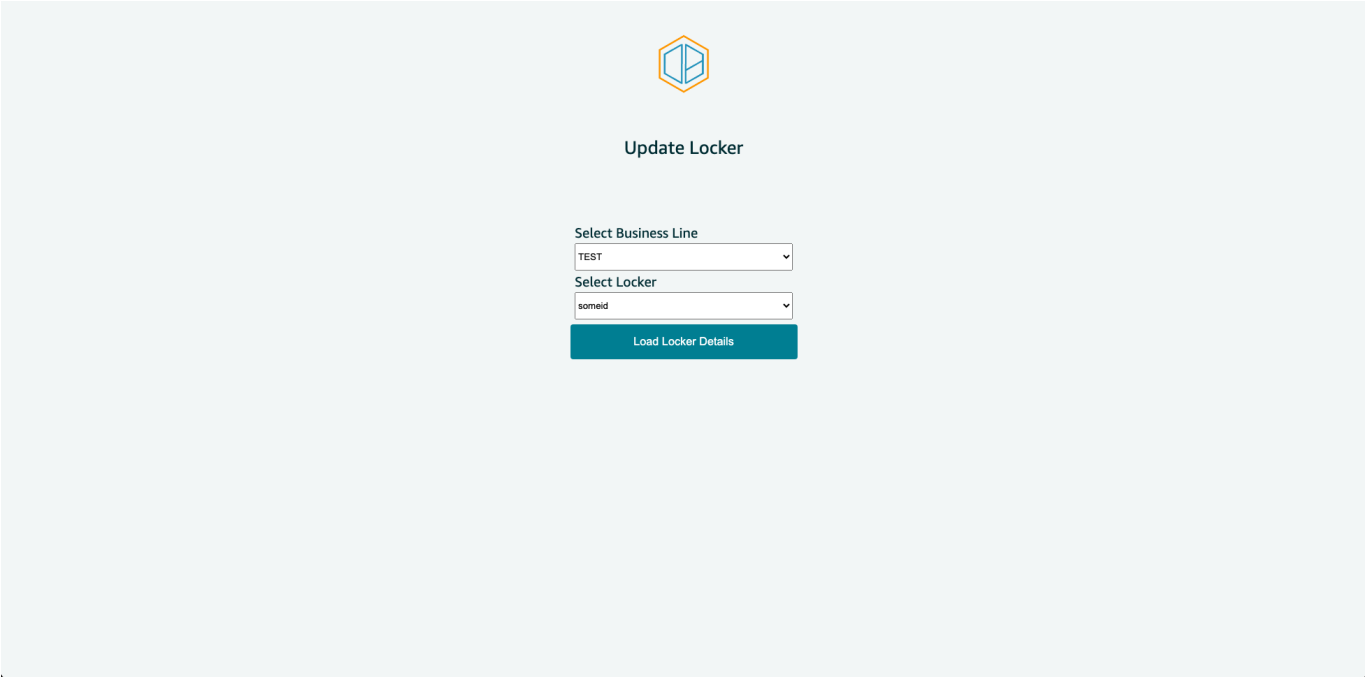
### Functionalities :

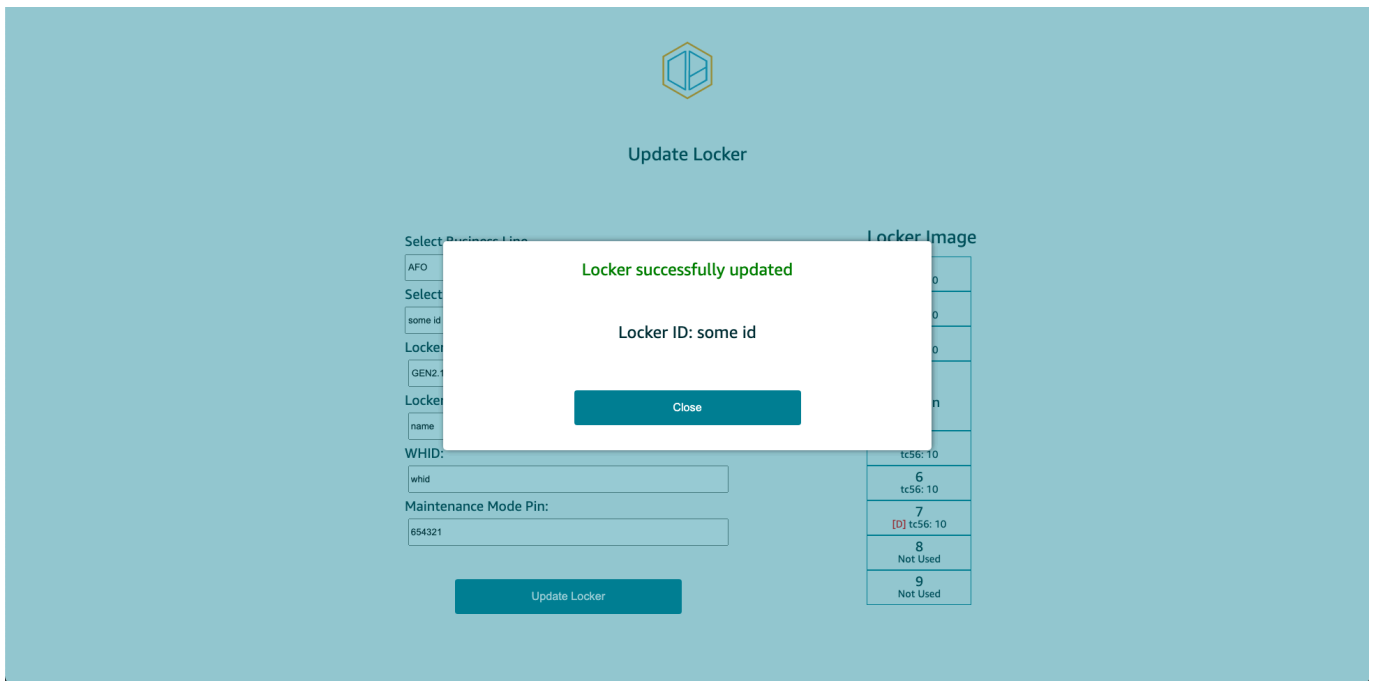
This feature is used for updating any previously created lockers details. The following changes of a locker can be performed:

- Locker name update
- Locker type update (Change Locker type **TC** to Locker type **MC** ). Changing locker types will re build the shelves of the locker.
- Locker WHID update
- Maintenance mode pin update

### Scope of use :

- A change of previously created locker details (i.e. locker name, maintenance mode pin)
- Converting one locker from one type to another.
- A locker is transferred from one warehouse to another.





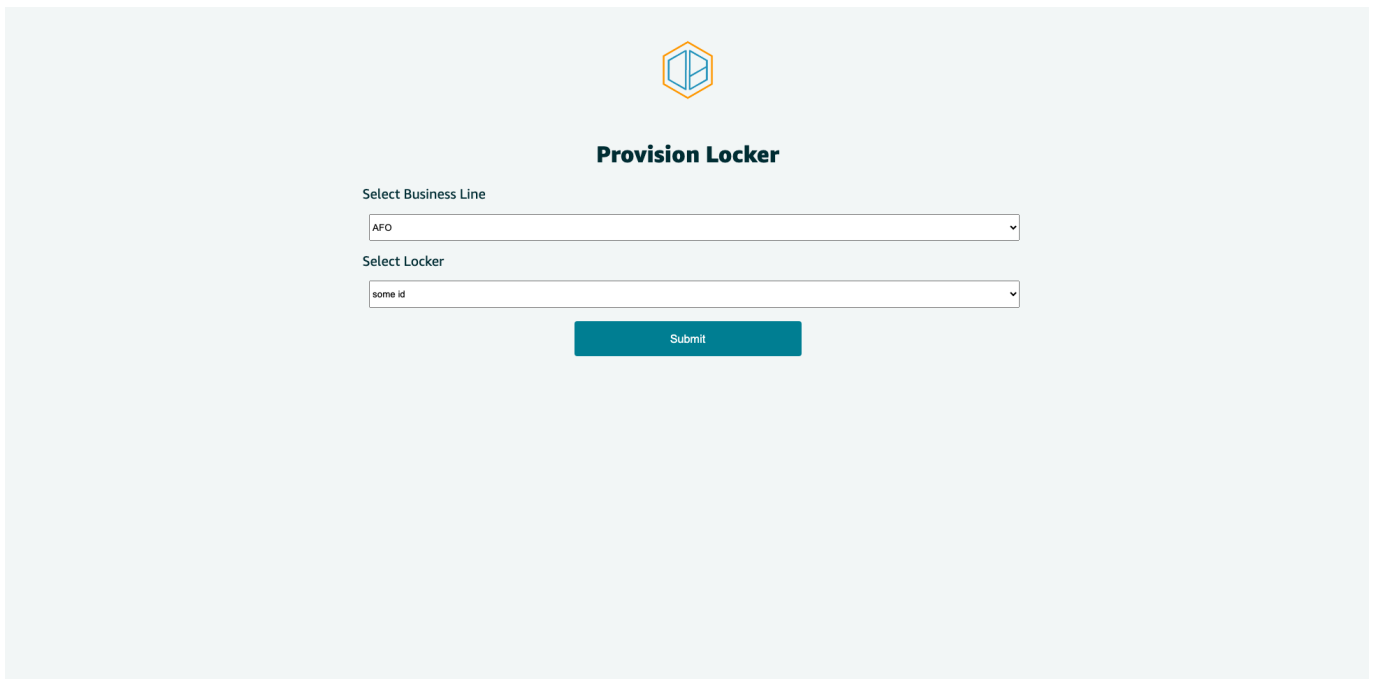
## Provision Locker

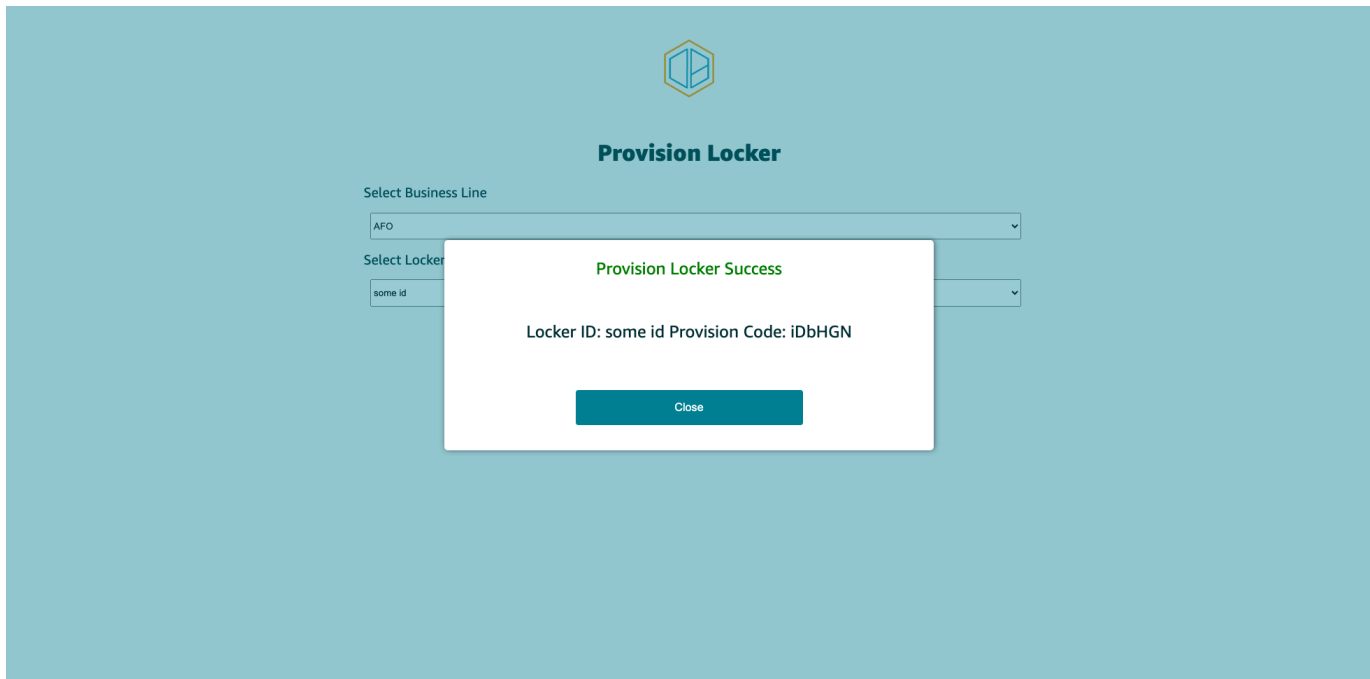
### Functionalities :

This feature is used for getting provision code for the already created lockers. The provision code will be valid for next one hour.

### Scope of use :

- A new locker is being installed in any physical site and needs provision code during setup.
- A previously provisioned locker is having issues and needs to be provisioned again.





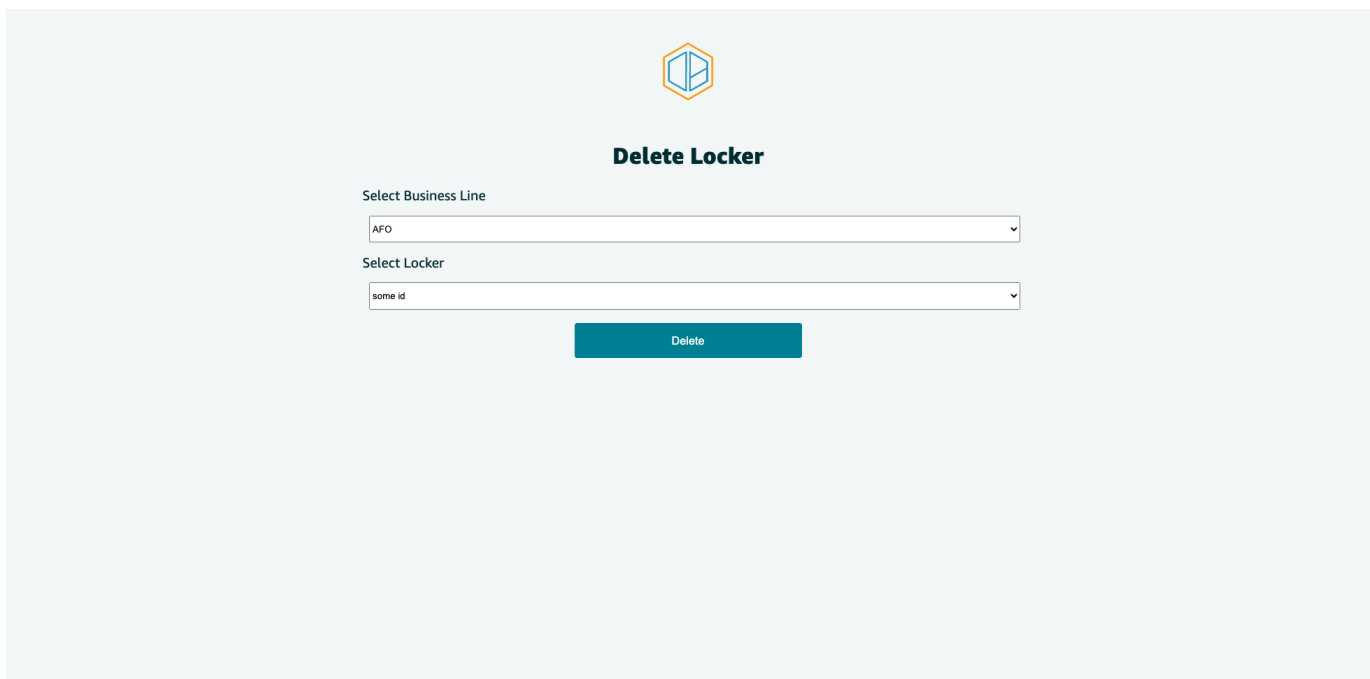
## Delete Locker

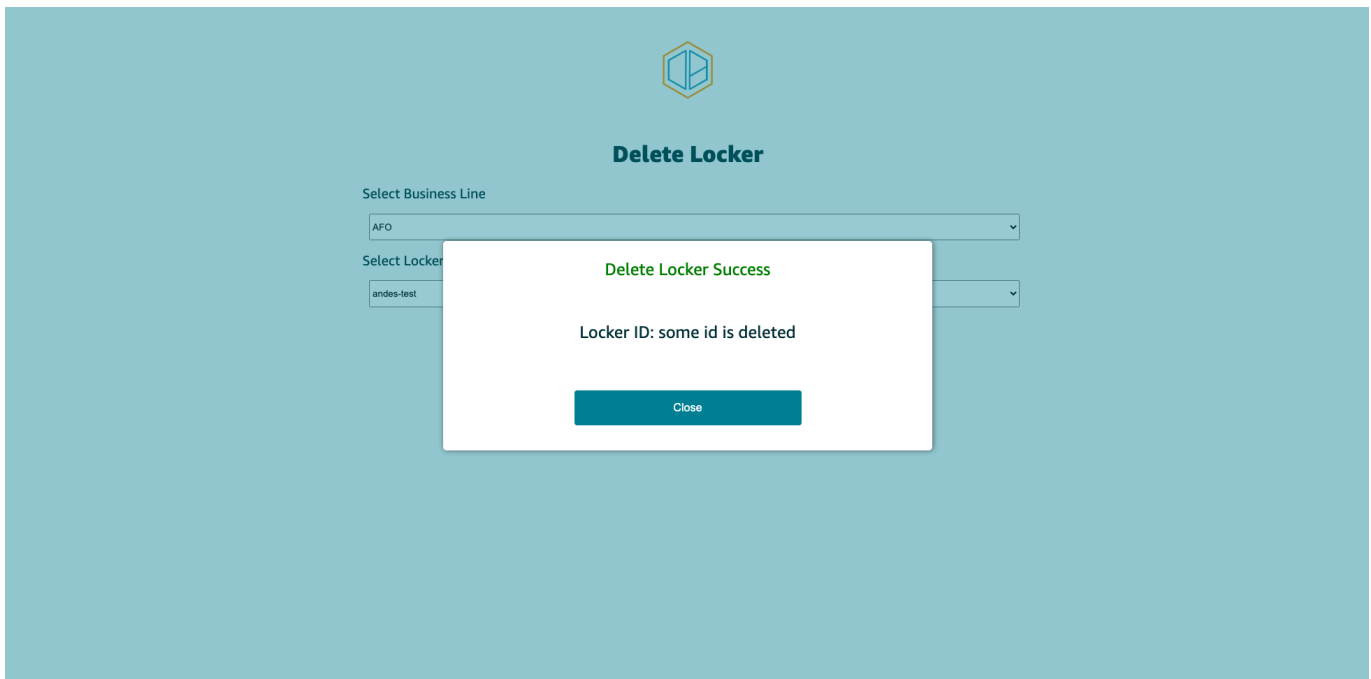
### Functionalities :

This feature is used for deleting any specific locker of a business line. Select the business line and locker from drop down list to perform the action. Upon successful action the locker should be removed from the list in future search.

### Scope of use :

- The locker is created under wrong business line
- The locker is no longer is being used
- The locker is removed from the site
- The locker should have e different lockerId





## Known Issues

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- ~~Hardcoded API keys~~
  - ~~Not secure method of storing connection to backend~~
- ~~General Midway Authentication~~
  - ~~All active employees in Amazon has access to the site.~~
- Creation of Locker bug (issues arise creating a new locker (says that the locker is not created when it actually is)
- Locker source of truth lives in file
  - Each individual locker type is hardcoded and lives in the frontend (should be stored in a DB)
- Rebuilding the wheel using custom UI components
  - Should integrate existing forms, flows, etc provided OOTB with Katal

## Road Map

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With the customer base expanding, more capabilities will be required of the provision site. Below are high level features the team is currently (or will be) working on integrating

- ~~Removal of API Key dependency~~
- ~~Bindle managed authentication (not general midway authentication)~~
- Integration and use of Addresses via FACMAN service
- UI updates / refactors

Tags: