For organizations to be successful, they need a platform that can handle the integration requirements and patterns needed to deliver apps, fast. Loyalty is an example of an app experience that requires an integrated platform.

With Heroku, Mulesoft and the Lightning Platform, you can seamlessly integrate your app with data sources like Salesforce, POS, AWS and legacy orders databases — enabling you to build faster.

### Architecture Overview

1. **MuleSoft Anypoint Platform and External Data Sources**
   - We start with our integration platform, MuleSoft, which leverages pre-built connectors and reusable APIs to integrate our backend systems—both on-prem and in the cloud.

2. **Heroku PaaS, Processing Operations, and Customer Loyalty App Connected to Postgres Database through Worker Dynos**
   - MuleSoft delivers that key data to Heroku, our managed PaaS (Platform-as-a-Service) that helps our dev team build apps without managing infrastructure. We use Heroku to build our new loyalty app with the languages, build packs, and tooling we need, and without worrying about manual scaling.

3. **Heroku Connect, CRM Data, and Lightning Platform Order Management App**
   - Heroku is also tightly integrated with our customer data in Salesforce, and our custom Order Management App on the Lightning Platform. Heroku Connect makes it easy to sync Salesforce and Heroku data with just a few clicks, giving our employees access to the app data they need.

4. **Orders External Objects connected to Order Management App, connected to Salesforce Connect and MuleSoft Platform**
   - With Salesforce Connect, we can virtually access data that we don’t need to keep in Salesforce, giving us real-time data access without impacting storage or forcing us to manage a direct integration.

Discover Salesforce Platform reference architectures at salesforce.com/architecture or join the Trailblazer Community at sfdc.co/platform_community.
Data Integration for Faster App Development
Unlock enterprise data and connect business processes with Salesforce

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**Salesforce Event Bus sends Platform Events to MuleSoft Anypoint Platform**

Finally, we leverage our native Platform Events bus to send real-time notifications to MuleSoft when orders are fulfilled, updating our other backend systems effortlessly through business notifications and change data events.

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