Adding a modern web and mobile front end to a legacy claims-processing app

Architecture overview

This line-of-business application solution consolidates data from multiple business systems and surfaces the data through web and mobile front ends—helping to improve employee productivity and speed decision making.

1. End-customer’s mobile app authenticates via Azure Active Directory B2C.
2. Customer’s mobile app connects to the back-end web service that aggregates data from different systems using asynchronous connection.
3. Web application connects to SQL database.
4. Power BI connects to SQL database and SharePoint.
5. Logic app pulls data from CRM (Salesforce).
6. Logic app connects to SAP system (on-premises or in the cloud).
7. Employee mobile app connects to the logic app that orchestrates the business process.
8. Employee mobile app authenticates via Azure Active Directory.

Products

- Azure Active Directory B2C
- Azure Blob Storage
- Load Balancer
- Logging
- Virtual Machine Scale Sets
- Logic Apps
- Java on Azure
- Azure Active Directory
- SQL Database
- Power Apps
- Power BI
- SharePoint
- Azure Multi-Factor Authentication
- Visual Studio
- Application Insights
- Visual Studio Team Services