

# Drug/pharma database successfully integrated into payer's consumer portal

Operational costs reduced significantly by decreasing the number of pharmacy-related calls to member services.



Java, Oracle,  
FDB



\$400K



4 months

## Challenge

Our client decided to improve the pharmacy section of their online member portal by replacing existing formulary data with the First Data Bank (FDB) drug database, adding the ability to search an exhaustive drug database and check drug interactions. The company wanted a custom-built web solution, which required customization of the FDB drug database, matching old formulary data with FDB drug data and building necessary links between the drug database and available insurance plans in order to show accurate coverage information to the members.

## Solution

Vicert provided a clearly defined architecture and development plan for the solution. Added functionalities Include:

- Consumer and member views of formulary and copay info
- Shell scripts for automating the FDB database import/update process
- Administrative portal for complete drug database administration

---

## Benefits

The client gained an effective drug database solution fully customized to their health tech needs. The solution allows precise drug information and copay values to be served to all of the portal members.

Administrative functionality was built in a way so that a clinical pharmacist can easily maintain the formulary data.

---