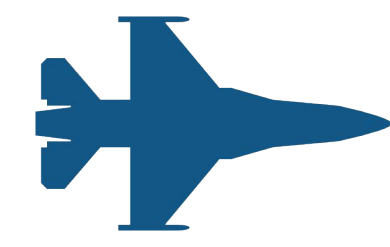


## Company

## FIELDS Application

## Approach



Global Security and Aerospace Company



125,000 Employees Worldwide



Largest IT Provider for U.S. Government

Field Integrated Engineering Logistics Data Set



Application collects field data across Mission Systems and Training (MST)

**Opportunity: Improve User Experience**

Analyze different platforms



Build Iteration



Interview End Users

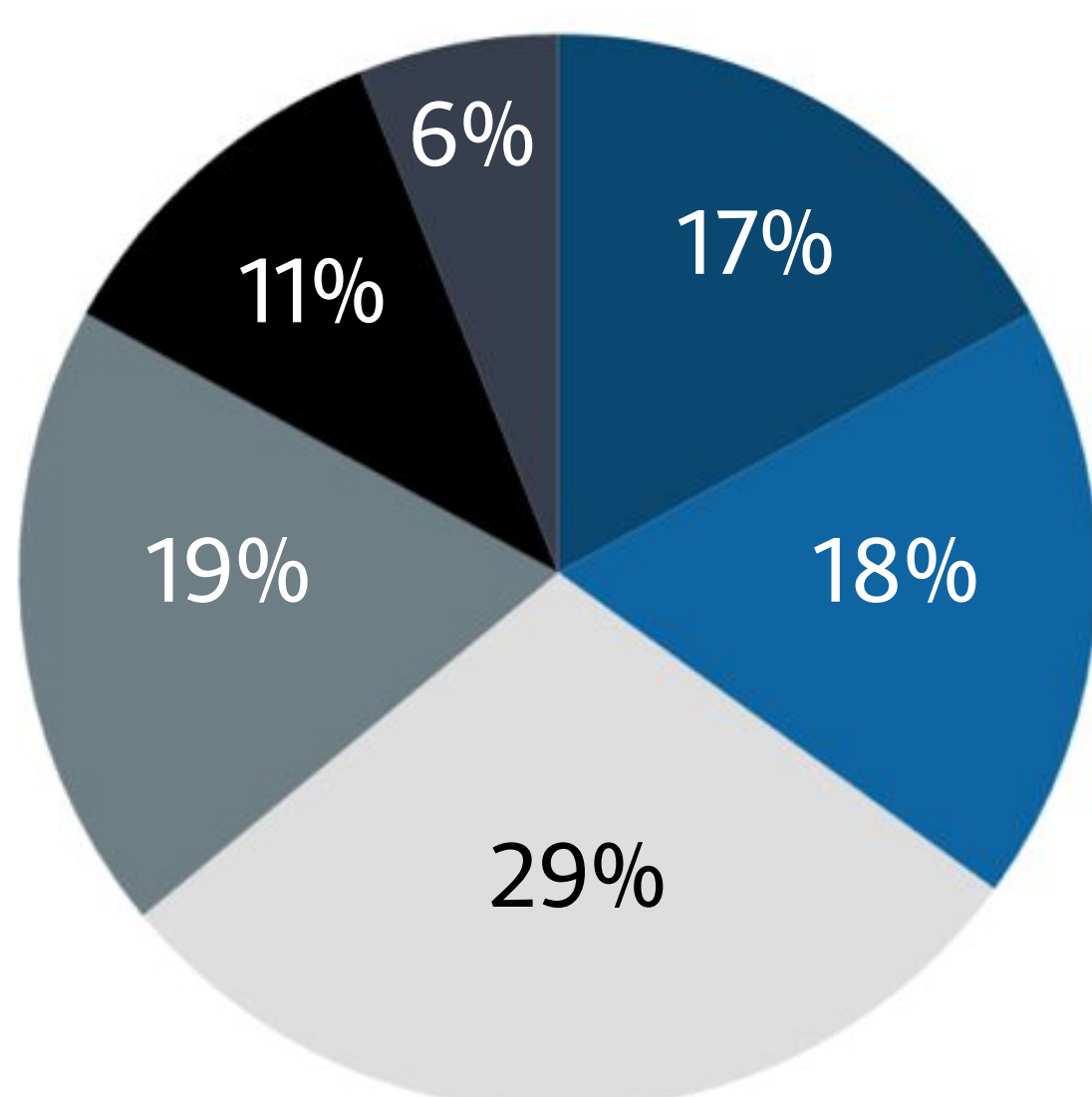


Gain Feedback and Iterate

## User Driven Changes

## Impact

- Project Manager Portal
- Performance Metrics
- Response User Interface
- Streamlined Entry Process
- Automated Business Process
- Integrated Communication



**95%**

Quick Report Eliminates 95% of Potential Wasted Time

**5 min**

5 Minutes Saved Leads to Streamlined Part Tracking and Faster Decision Making

Improved Accessibility For Old and New Clients

Larger End-User Community Enabling Scales of Economy

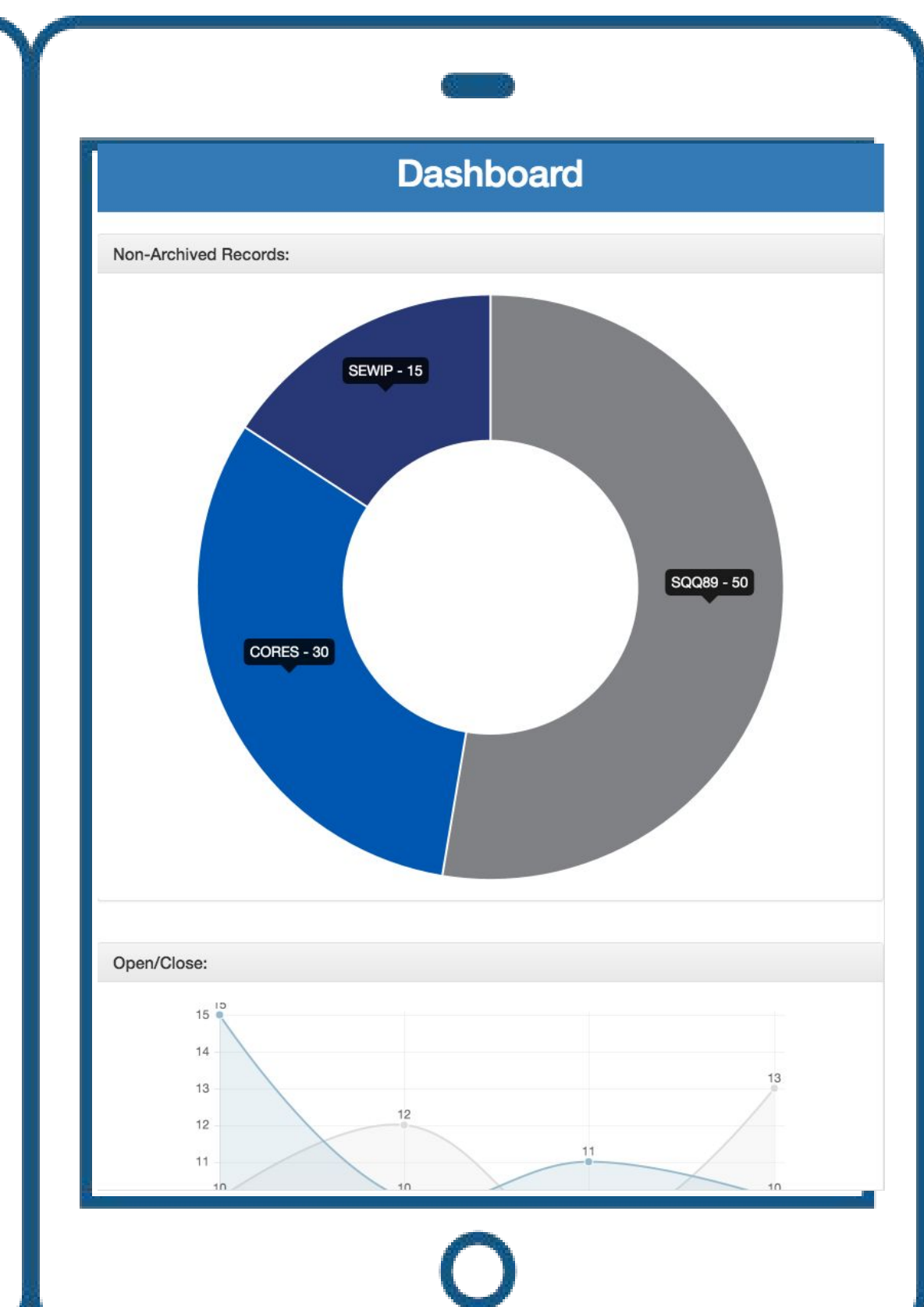
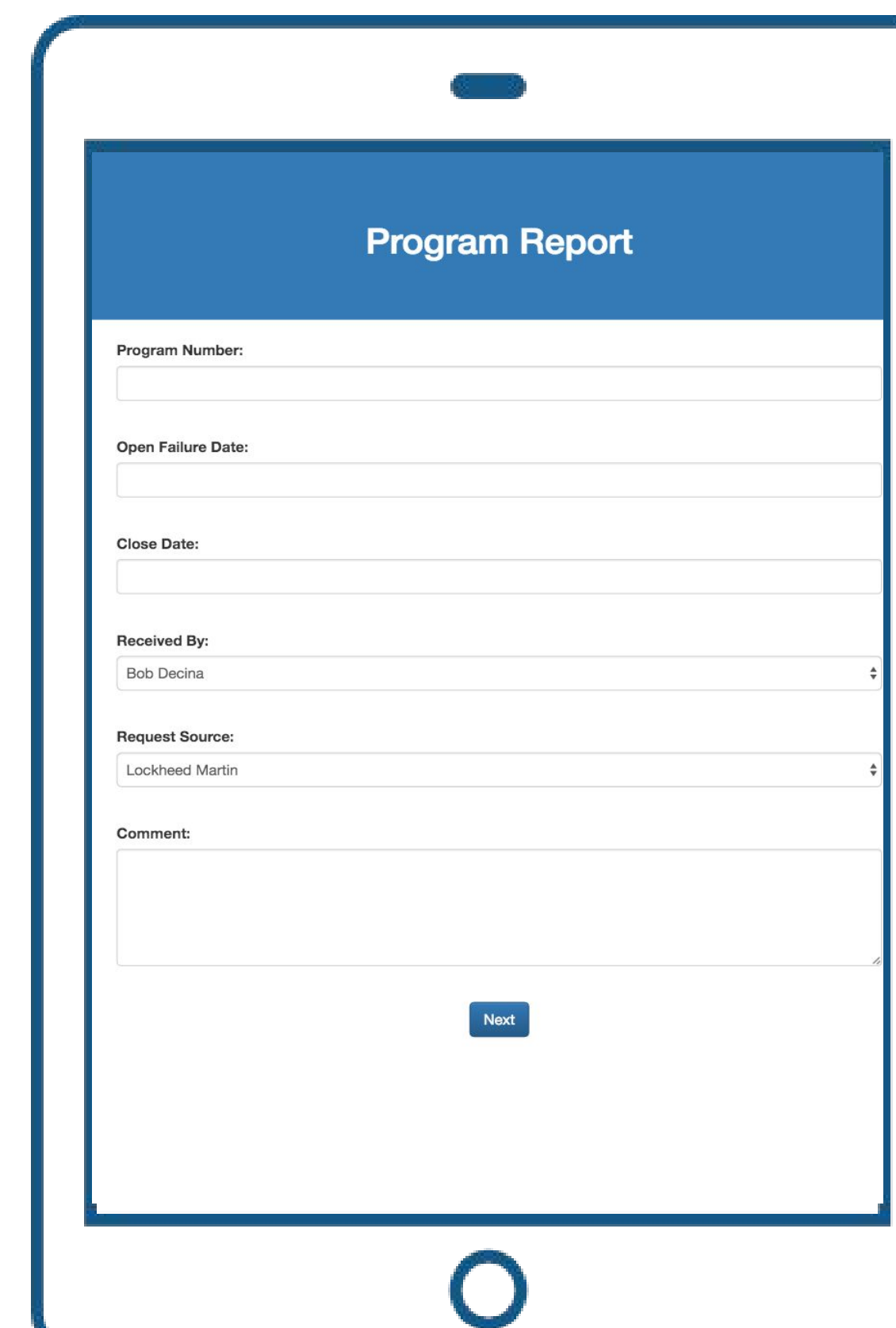
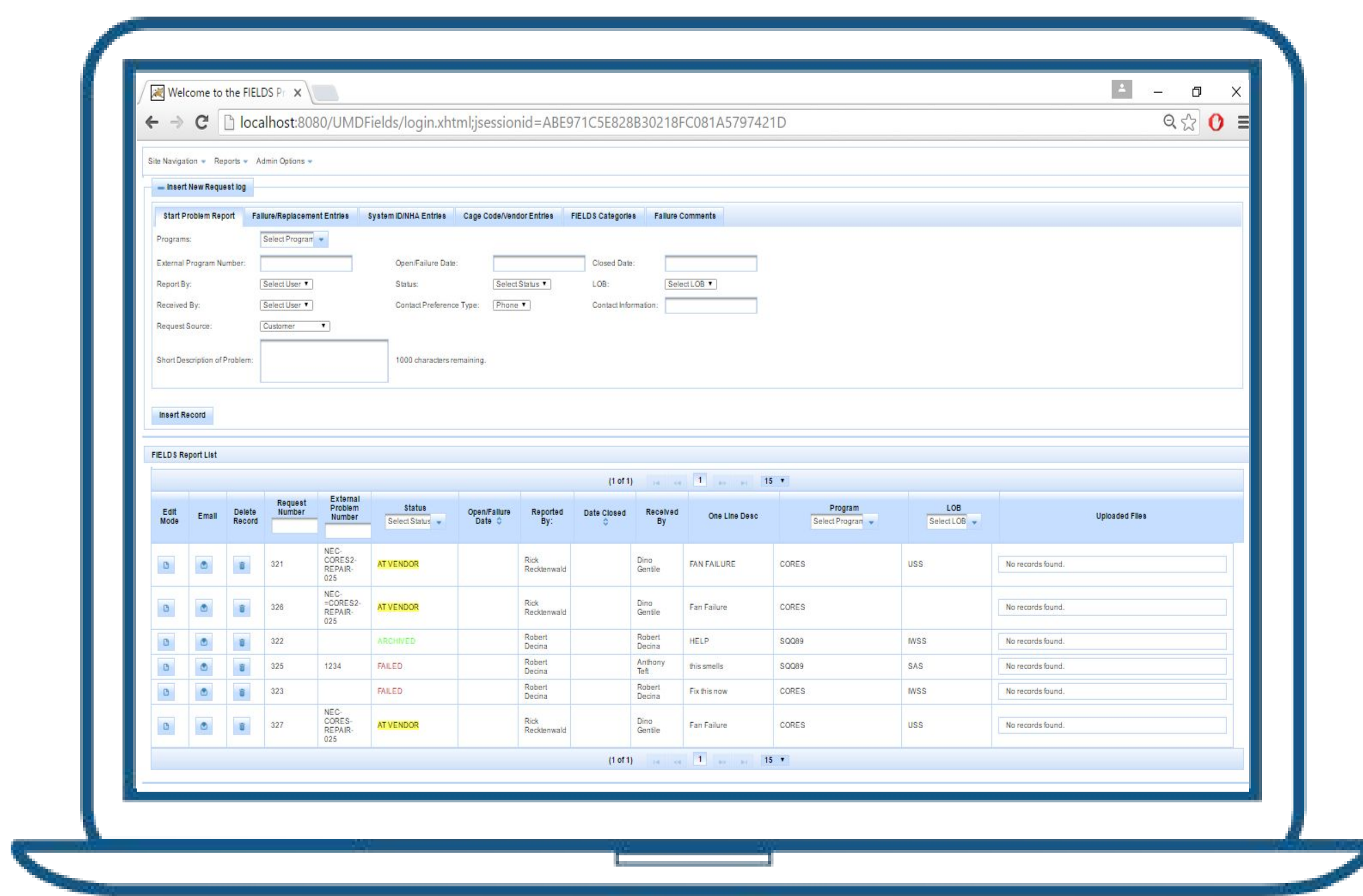
Information Received by Off-Site Teams is Quicker

## Current State

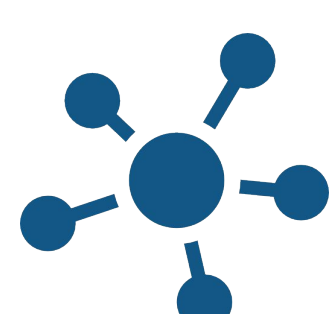
## New State

1

2



## Recommendations



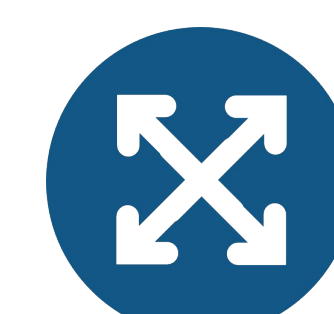
### Deployment

Connect to Database/Server  
API Security Testing  
Program Manager Training



### Database Infrastructure

Product Barcodes Replace Part Number  
Local Encrypted Storage  
Secure Photo Upload to Report  
Integrate Vendor Selection



### Expansion

Extend FIELDS to New Regions  
Geotracking Barcode Scans  
Partitioned Database

**Project Champion:**  
Robert Decina  
Lockheed Martin



**Andrew Lee**  
Computer Science



**Ben Sheppard**  
Supply Chain,  
Information Systems

Crystal Ball Consulting



**Chintan Patel**  
Electrical Engineering



**Jay Huang**  
Computer Science,  
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