



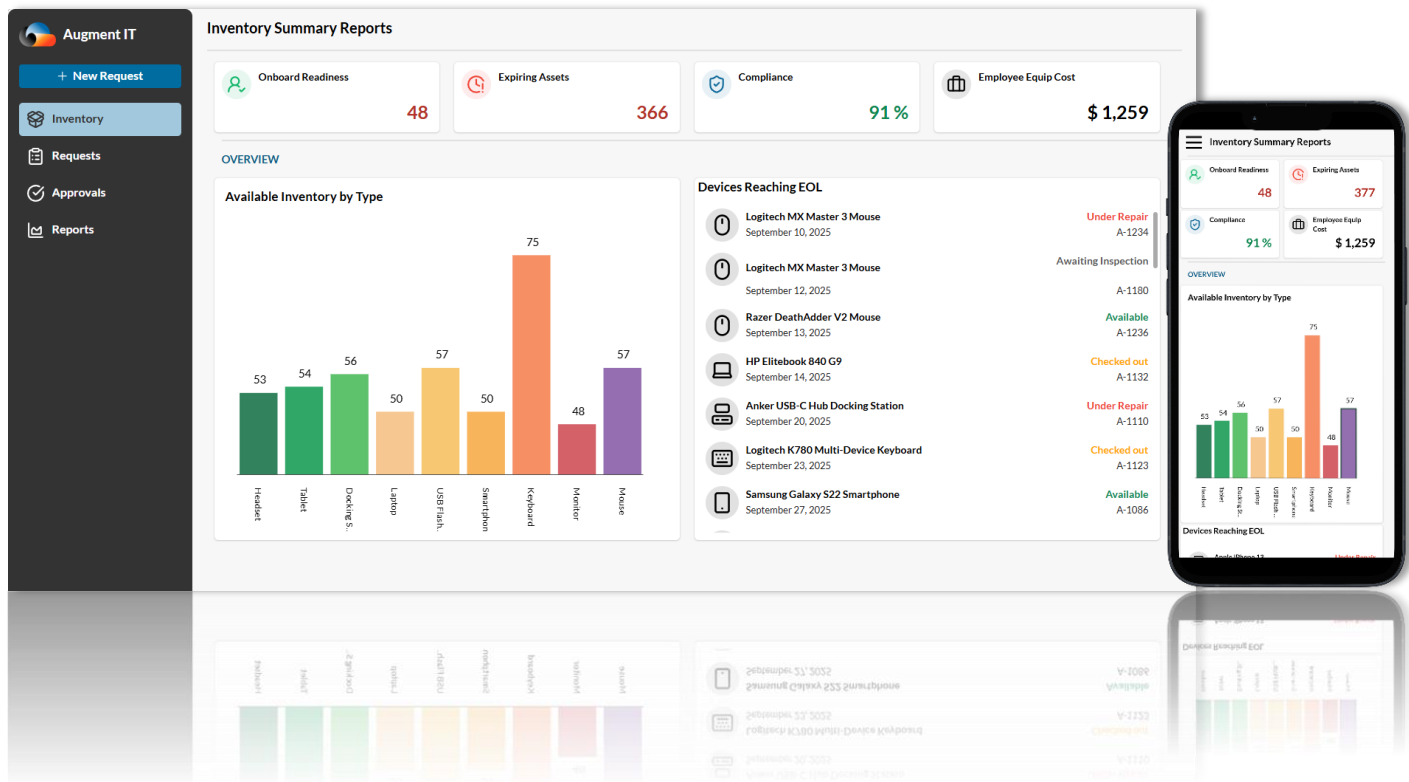
## Case Study: Demo IT Asset Management App

### Overview

With years of experience delivering Power Platform solutions, we created a demo IT Asset Management application to showcase how Power Apps can simplify and modernize common business processes. Built as a proof of concept, the app demonstrates practical design choices and everyday scenarios that organizations face when tracking, approving, and managing assets.

It reflects the structure, features, and flexibility required by IT and operations teams in mid-sized organizations and business units within larger enterprises. The application highlights how routine tasks such as equipment requests, approvals, onboarding, and inventory tracking can be transformed into a streamlined, digital experience. It serves as a real-world example we use to engage and inform prospective clients, showing the value of the Power Platform when applied to asset management challenges.

### Asset Management App Home Page





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## Challenges this IT-Asset Management Power App Solves

- Excel and email-based processes often miss critical details
- Scattered documentation makes processes hard to follow
- Approval requests lost in email make decisions difficult to track
- Process steps are skipped without tools to guide them
- Limited visibility into assets makes planning reactive

## Key Features & Capabilities

- **Forms:** Digital forms replace spreadsheets and email, ensuring requests include all required information

The image displays the 'New Inventory Entry' form in two views: a desktop monitor and a smartphone. The desktop view shows a sidebar with navigation options: '+ New Request', 'Inventory', 'Requests', 'Approvals', and 'Reports'. The main form has a progress bar with steps: Intake, Prepare, Assign, and Deliver. The 'DETAILS' section includes fields for Name, Type, Usage Status, and Storage (GB). The 'PURCHASE & LIFECYCLE' section includes Purchase Date, Cost, End of Life Date, and Warranty Information. The smartphone view shows the same form adapted for a smaller screen.

- **Global Navigation:** A unified navigation system makes process steps and documents easy to find and follow so users always know where to go



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- **Approvals:** A centralized dashboard brings all requests into one place, making decisions faster and easier to track

The screenshot displays the Augment IT 'Inventory Requests' dashboard. On the left is a dark sidebar with navigation options: '+ New Request', 'Inventory', 'Requests', 'Approvals', and 'Reports'. The main area is titled 'Inventory Requests' and features four summary cards: 'Onboard Readiness' (48), 'Expiring Assets' (366), 'Compliance' (91%), and 'Employee Equip Cost' (\$1,259). Below these is a 'PENDING APPROVALS' section with a grid of request cards. Each card shows the item name, requester, date requested, reason, and 'Deny'/'Approve' buttons. A smartphone on the right shows the mobile view of the dashboard.

- **Checklists for Process Steps:** Guides users through required steps so processes are completed accurately and consistently
- **Reports and Dashboards:** Provides managers with real time visibility into assets and upcoming needs to support proactive planning.



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- **Activity Feed:** Centralizes chat and status changes for the selected asset, providing a clear history of steps taken and who has been involved.

## Business Value & Impact

- **Data Accuracy:** Ensures requests are accurate and complete so processes move forward without delays.
- **Process Clarity:** Ensures processes and documents are easy to find, saving time and helping employees stay on track.
- **Decision Efficiency:** Centralizes approvals in one place so decisions are faster and maintain viability.
- **Process Consistency:** Guides users through required steps to deliver consistent results and prevent errors.
- **Proactive Planning:** Provides real time visibility into assets and upcoming needs so managers can plan with confidence



## Use Case Examples

### **Forms: Accurate Requests with Faster Approvals**

An employee needs to request new equipment, but in the past forms sent by email often arrived incomplete or missing key details. With the app, they complete a structured digital form that ensures all required information is included. The request reaches the right manager the first time, allowing it to be approved quickly and keeping the process moving without delays.

### **Global Navigation: Smooth IT Onboarding**

When a job posting goes live, IT needs to prepare equipment, but requests often come late or get buried in email. With the app, the IT team is notified as soon as a posting is released, so they can order or set aside devices in advance. Once a candidate is hired, the app guides IT through onboarding tasks step by step, ensuring new employees have the right equipment on day one.

### **Approvals: Faster Decisions and Better Tracking**

An IT manager responsible for equipment purchasing struggled to keep track of requests buried in email, which delayed employees from getting the devices they needed. With the app, purchase and replacement requests appear in one central dashboard, making it easy to review and approve quickly. The result is faster turnaround times and clear visibility for both managers and employees.

### **Checklists for Process Steps: Consistent, Error-Free Workflows**

IT teams often missed steps during device provisioning because they relied on memory or outdated spreadsheets. With the app, technicians follow an interactive checklist that outlines each required action, from device setup to security configuration. The result is consistent, error-free onboarding of equipment, ensuring employees have what they need from day one.

### **Reports and Dashboards: Proactive Planning with Real-Time Data**

Operations managers struggled to see which devices were available or nearing end-of-life, leading to last-minute purchases and delays. With the app, they view real-time dashboards that show equipment status and upcoming needs. The result is proactive planning and timely replacements, ensuring employees always have the tools they need.



## Architecture

### Power Platform Foundation

The app is built on Power Apps, using Power Automate for Teams chat and email notifications and SharePoint for data storage. This provides a flexible, low-code foundation that integrates seamlessly with Microsoft 365.

### Standardized Components

Core elements such as forms, approvals, navigation, and dashboards are reused across processes. This creates a consistent user experience and reduces development effort.

### Role Based Security

Access is managed by security groups so IT managers, technicians, and employees each see the information relevant to them. This protects sensitive data while keeping the app easy to use across teams.

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## Adaptability

The IT Asset Management app is designed to evolve with the organization. As processes change or new needs arise, core components such as forms, approvals, navigation, and workflows can be adapted to keep operations consistent and efficient. The design scales naturally for small teams, mid-sized organizations, or large enterprises, maintaining consistent experience for employees and managers.

As this is a demo app built to display the capabilities of Power Apps, its framework was designed with flexibility in mind. The same components can be applied to processes beyond IT asset management, such as onboarding, procurement, and other workflows, showing how the app can support a wide range of organizational needs.

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## Key Takeaway

This IT Asset Management demo shows what is possible with the Power Platform when designed with the right structure and strategy. Using out of the box components such as forms, approvals, navigation, and dashboards, it delivers real business value without added complexity or custom development. The design is flexible, scalable, and aligned with how organizations manage assets, making it a smart foundation for any team ready to streamline equipment tracking, purchasing, and onboarding processes.