



# Portal Modernization with Power Pages

Accelerate secure, scalable portals with an Argano React SPA template for Power Pages



Accelerate external-facing experiences on the Microsoft Power Platform with a react-based Single Page App (SPA) template for Power Pages. Deploy portals that are fast, secure, sleek-modern design, and maintainable while natively connected to your business data through Dataverse and Microsoft Dynamics.



## Why React?

**Faster time-to-market:** React's mature ecosystem (hooks, routing, form libraries) and TypeScript's IntelliSense accelerate development, enabling you to ship features sooner and capture value earlier

**Lower maintenance cost:** Strong typing prevents entire classes of bugs, makes refactoring safe, and keeps codebases stable as teams and requirements evolve

**Reusable components = compounding ROI:** A shared design system of React components reduces duplicate work across products, brands, and teams

**Scalable talent & tooling:** Access a vast developer pool, rich documentation, and proven tooling (Vite, Jest, Playwright) to reduce hiring risk and onboarding time

**Better UX → better KPIs:** React's performance patterns (memorization, virtualization, SSR/ISR) enable fast, fluid interfaces that improve conversion, retention, and customer satisfaction

## Key Benefits

- Secure, scalable, and enterprise-ready solution
- Native role and permission support for robust security
- Safe external data access with Finance & Supply Chain integration
- Fast deployment and easy maintenance with low-code and pro-code flexibility
- Significant time savings by eliminating repetitive portal scaffolding
- Reliable performance on trusted Microsoft Power Platform foundations



## Why Power Pages?

**Dataverse at the core:** Security, relationships, and ALM are native, not bolted on

**Power Platform synergy:** Automate with Power Automate, enrich with Copilot Studio and AI Builder, extend with PCF

**Rapid deployment:** Lower integration and hosting overhead vs. green-field custom portals



## Implementation Snapshot

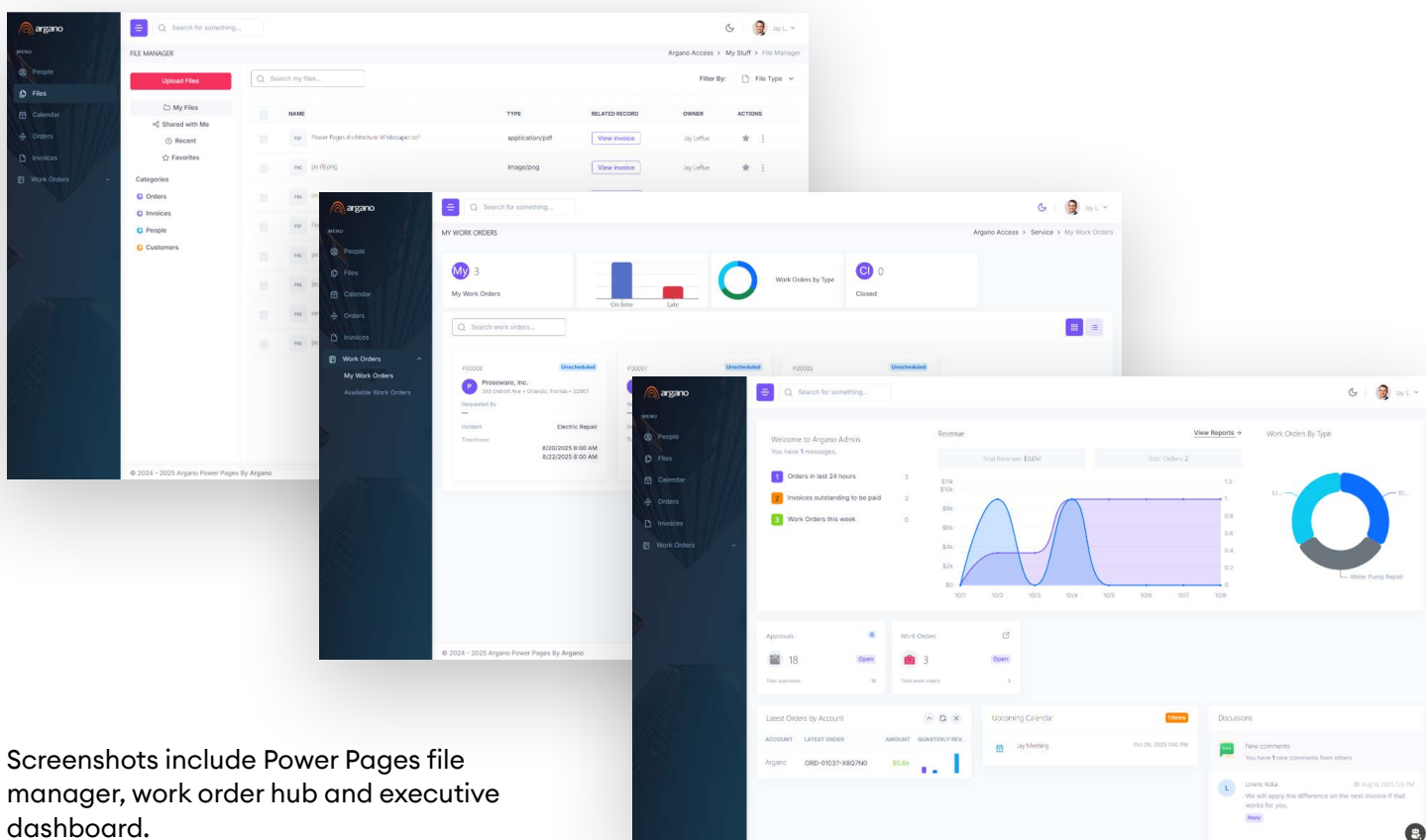
**Weeks 1-2:** Deploy template and connect environments

**Weeks 2-8:** Configure pages, data, and roles (varies by scope and integrations)



## Key Deliverables

- Deployed React SPA portal template, fully integrated with Dataverse and Power Pages
- Role-based UI, secure data access, and CI/CD pipeline setup
- Solution blueprint and executive summary
- Includes Argano-exclusive controls:
  - Activity Calendar (web-based, drag-and-drop, color-coded)
  - Enhanced Comments and Conversation Viewer (threaded, rich text, quick actions)
  - File/Document Browser (folder navigation, previews, drag-and-drop upload)
  - Universal Card/List Views (metadata-driven, inline actions, virtualized)
  - Field Service “Claim Work Order” (one-click claim, audit trail, SLA timers)



Screenshots include Power Pages file manager, work order hub and executive dashboard.

Contact us at [microsoft@argano.com](mailto:microsoft@argano.com) to schedule a live demo of the SPA template. We can review the reference architecture tailored to your specific use case and help you identify a pilot process that can launch in weeks, not months.



Learn more at [argano.com](https://argano.com)