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Power Pages
Getting Started in 45 minutes

THURSDAY 15th MAY 2025

Can you hear me?

Is everything clear?

~ 45 mins

Q & A

Stuart Starforth
Stuart.Starforth@tecman.co.uk

Ellie Nickson
Ellie.Nickson@tecman.co.uk

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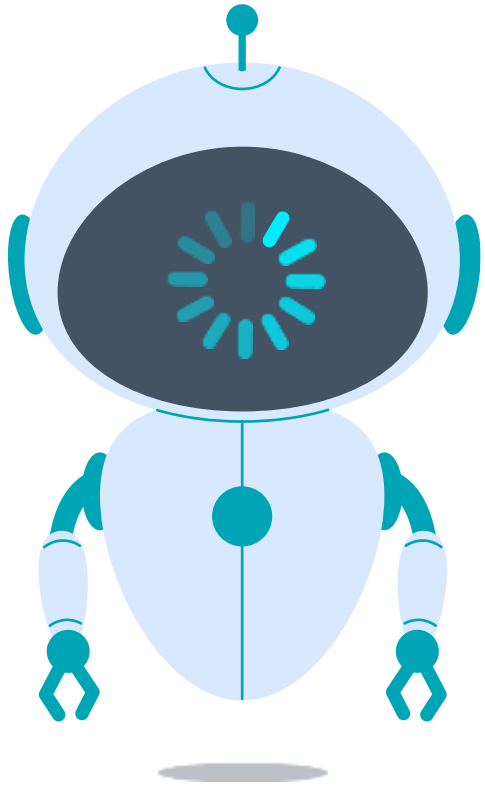
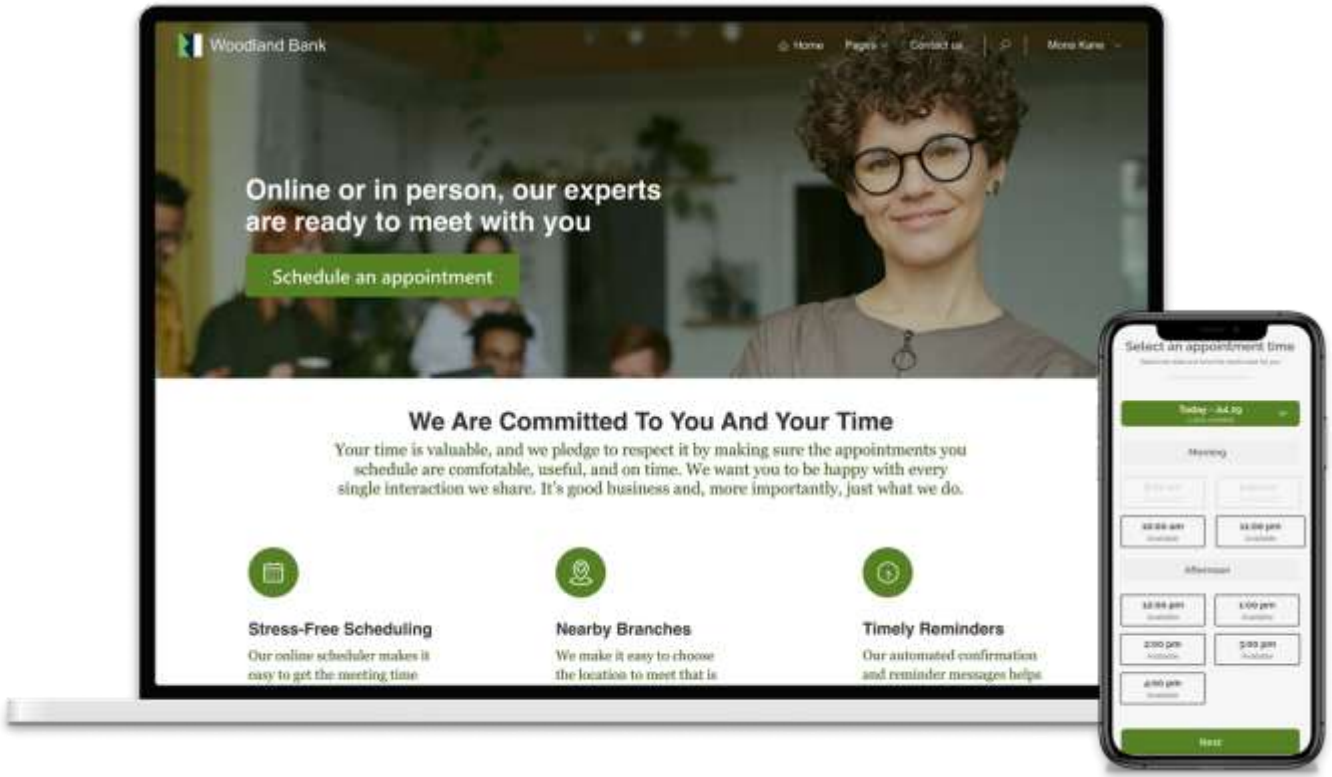
What we'll cover

Agenda

1. Why Portals? Why Power Pages?
2. What is Power Pages?
3. Key Features
4. Demo: OOB & Custom Portals
5. Starting Your Project: What you need to know
6. Q&A



What is Power Pages?



What is Power Pages?

Power Pages is a low-code development and hosting platform that allows users to build secure, data-driven websites with ease.

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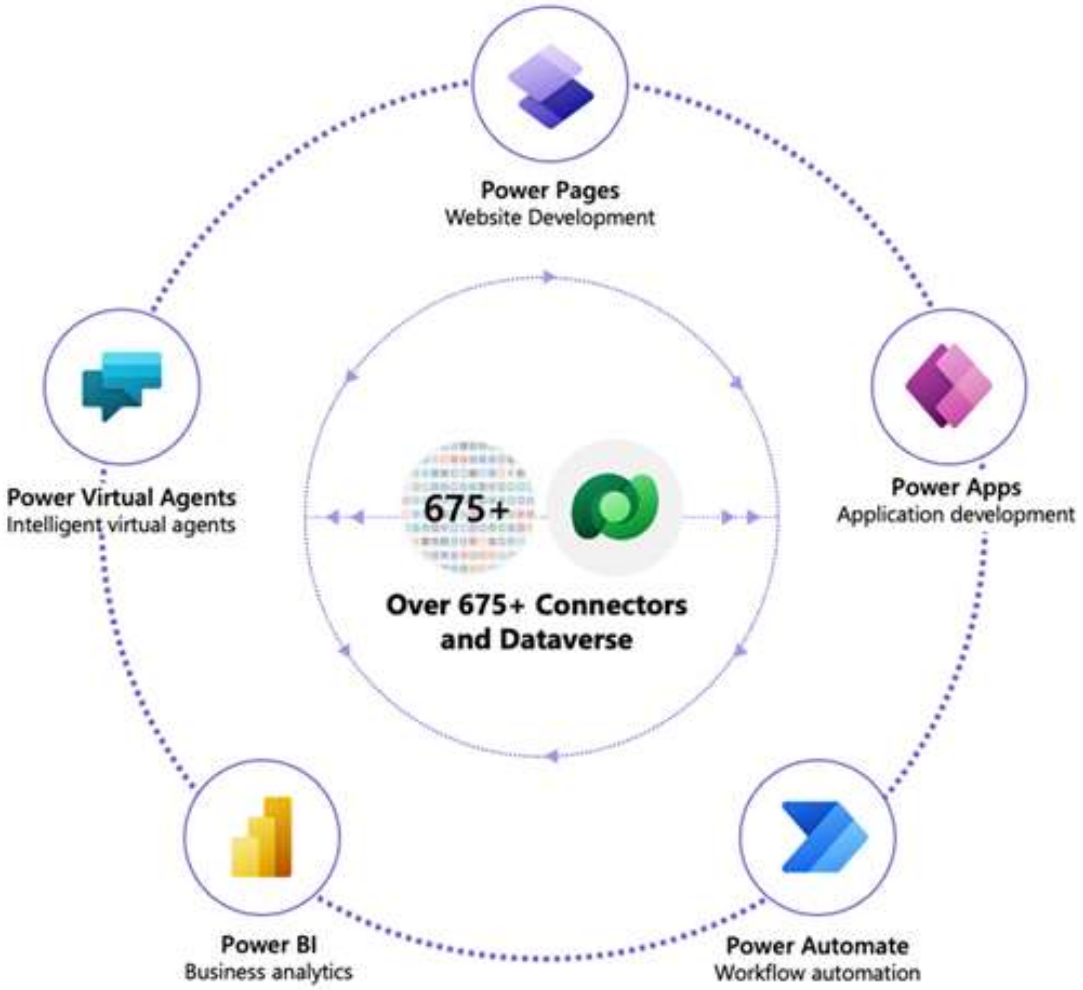
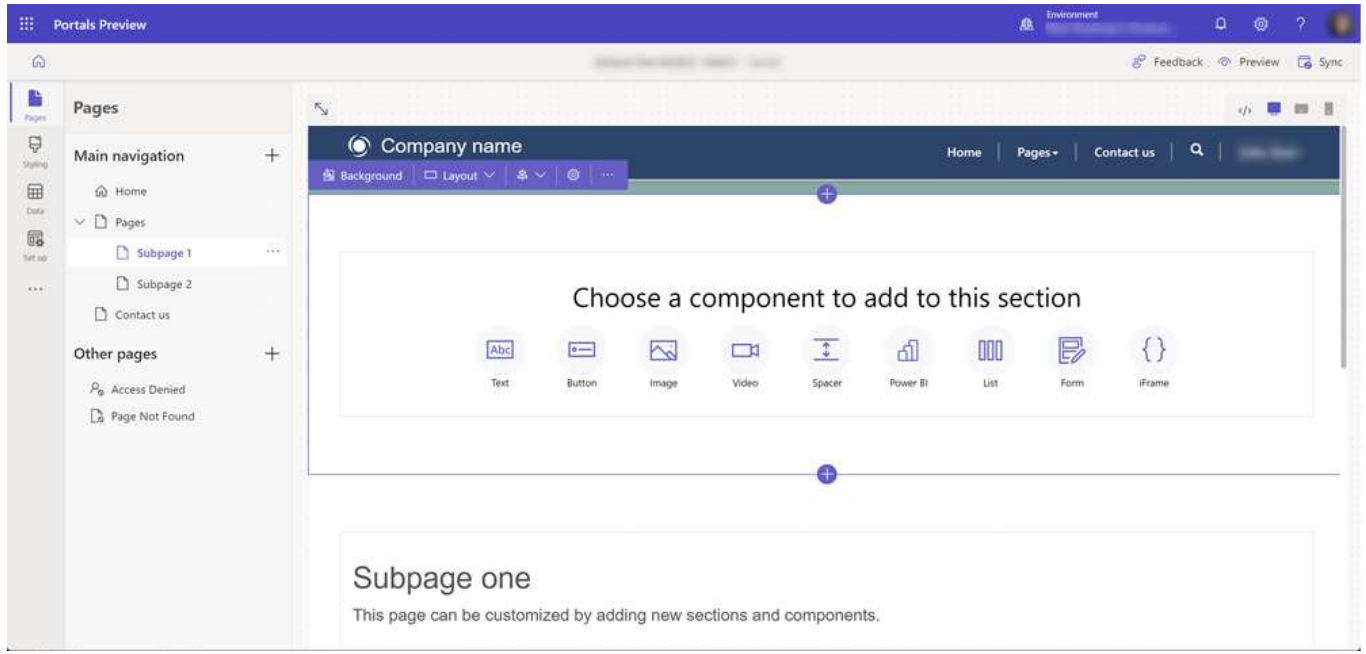


What is Power Pages?

It is part of the Microsoft Power Platform and enables users to design web pages that can integrate directly with Microsoft Dataverse and other external services, making it ideal for business scenarios requiring external-facing websites.



What is Power Pages?

Power Pages provides rich, customizable templates, a fluid visual experience through the design studio

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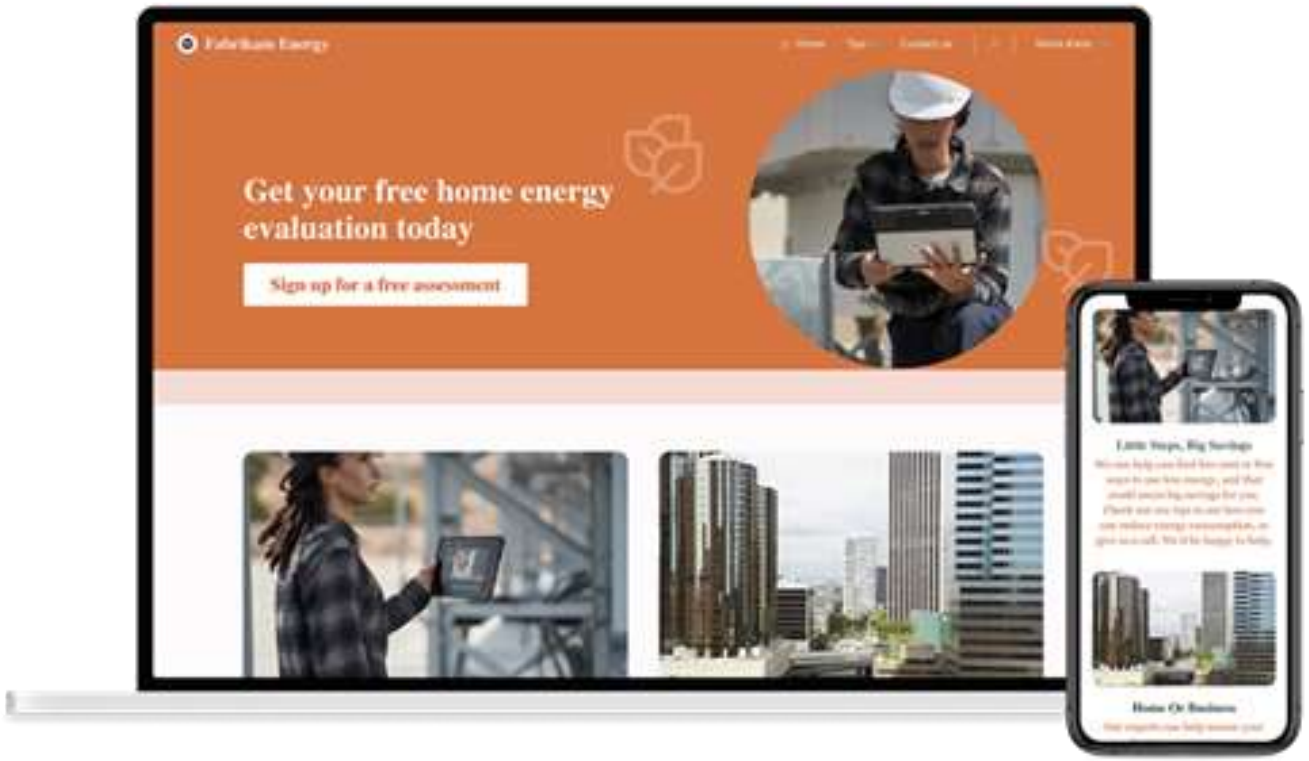

What is Power Pages?

Power Pages is based on Bootstrap, which provides support for building websites that are responsive, mobile-friendly, and available in various form factors.

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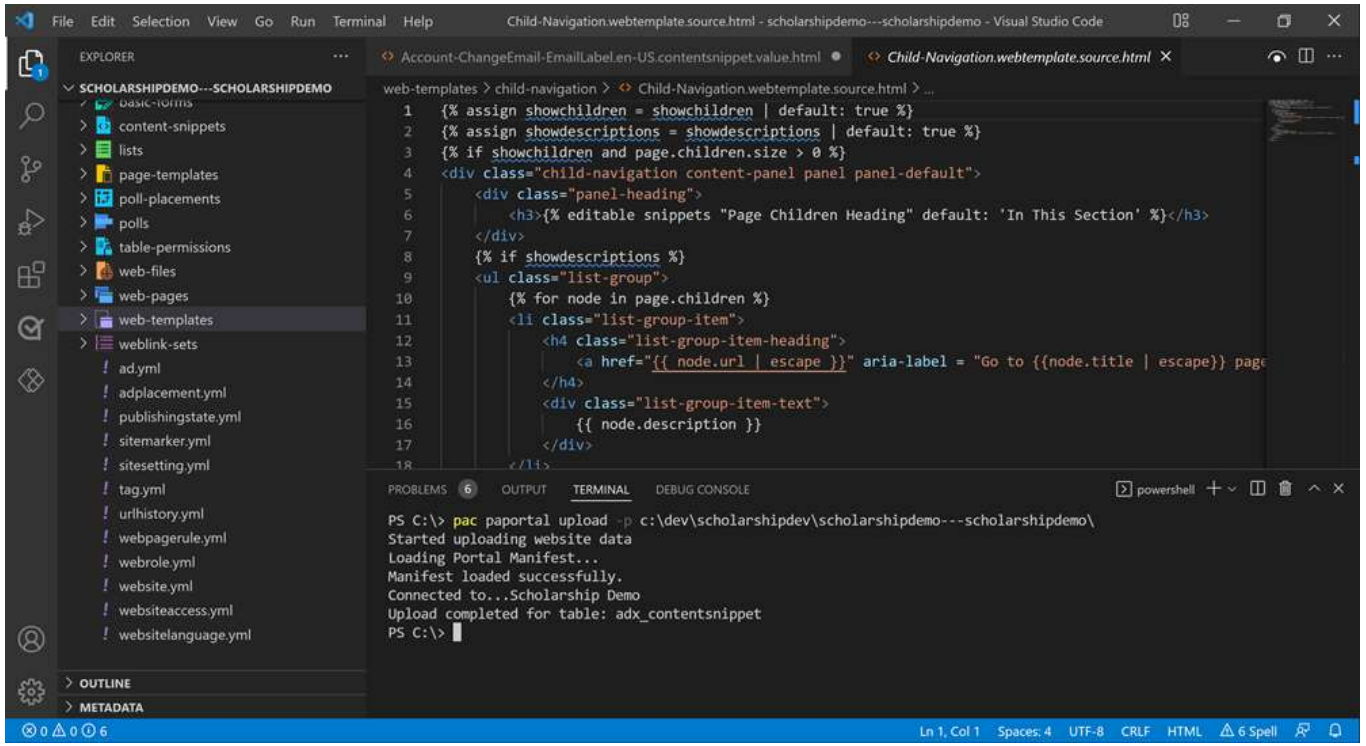

What is Power Pages?

Makers can work with pro developers in fusion teams to extend the functionality using Visual Studio Code and the Microsoft Power Platform CLI

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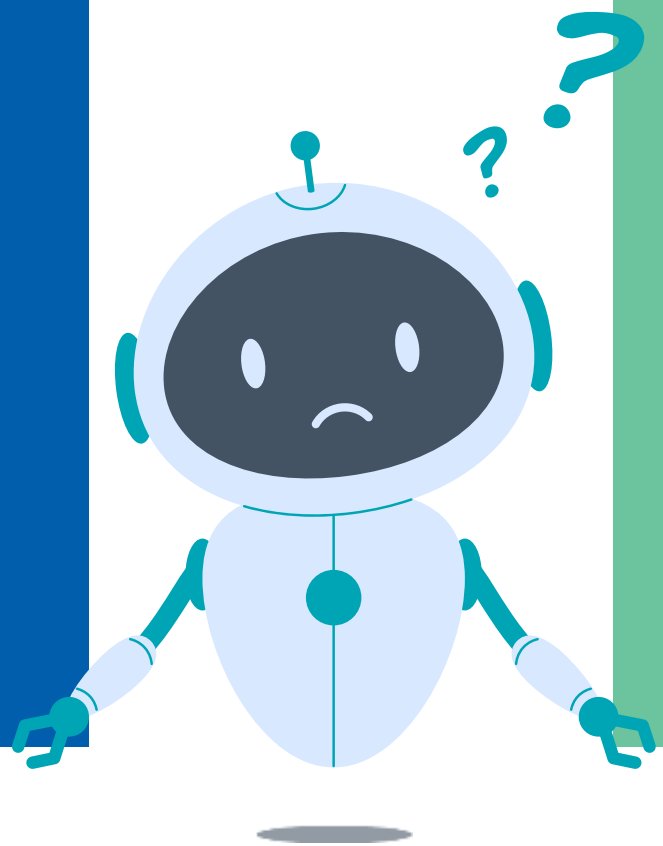
Why Portals? Why Power Pages?

Why Portals & Why Power Pages?

Business Needs

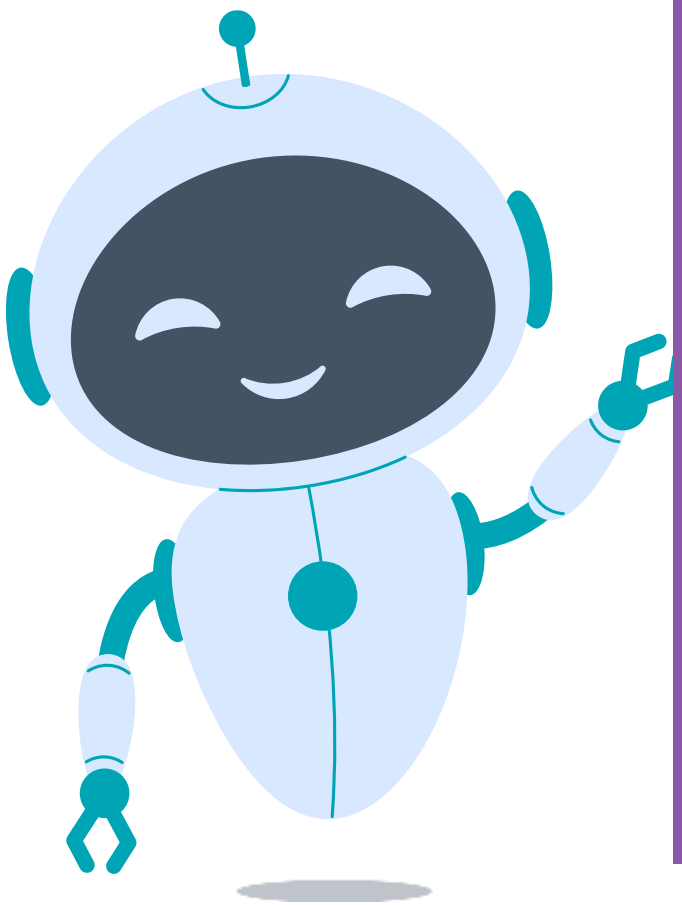
- Supplier Access
- Customer Self-Service
- Partners Portals



Traditional Challenges

- Security
- Integration
- Cost of Custom Development

Why Portals? Why Power Pages?



Many businesses need to securely share data with external users — like customers, suppliers, or partners — but traditional websites don't connect easily to your internal systems, and custom development can be slow and expensive.

Power Pages solves this by offering a secure, low-code way to build external-facing portals that connect directly to your Dataverse data — with full control over access, branding, and user experience.

Key Features & Use cases

Key Features & Use Cases

Key Features:

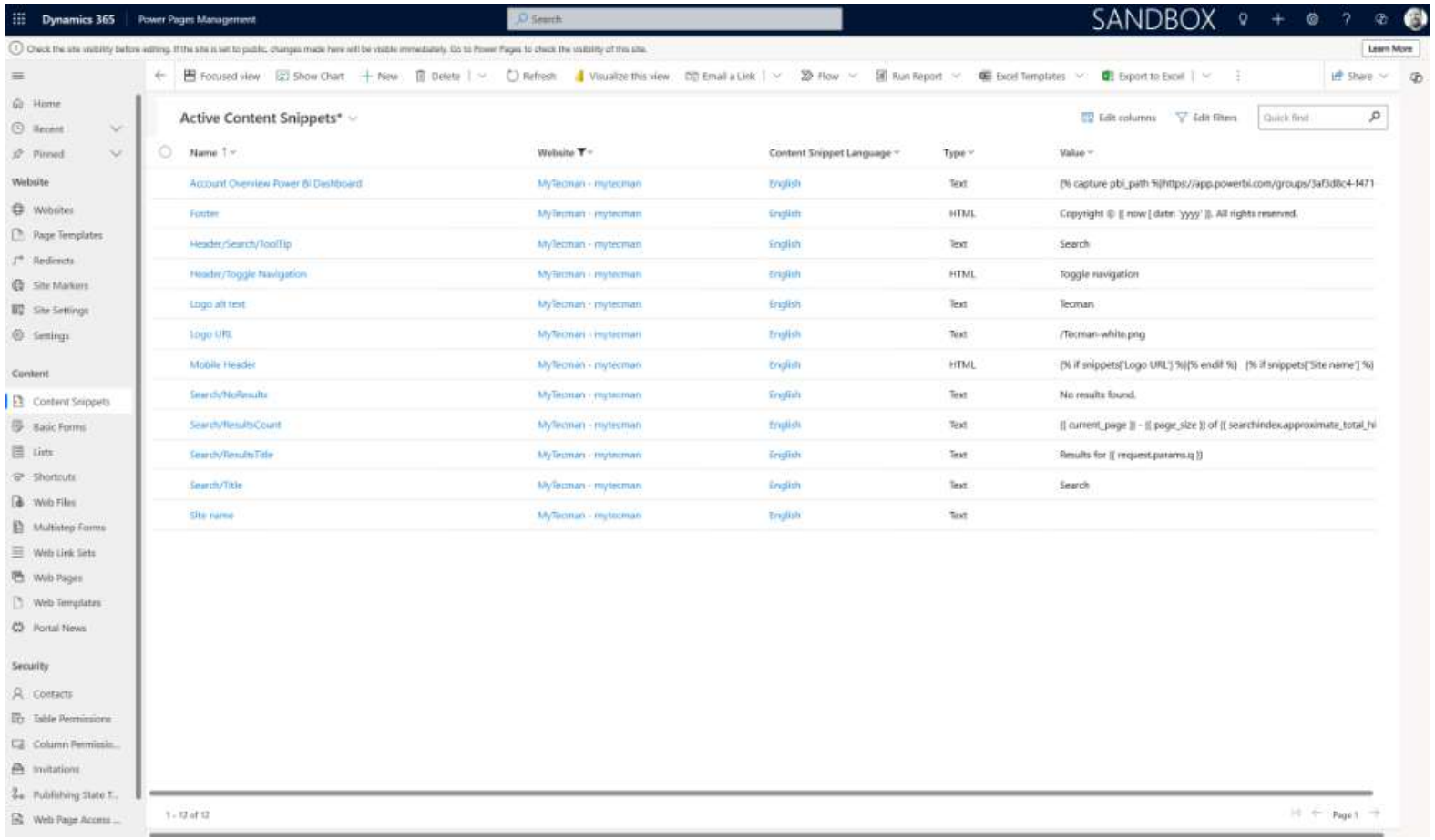
- Site Designer: Add pages, forms, text, media with drag-and-drop tools
- Forms & Lists: Direct Dataverse integration
- Security: Web Roles, Table Permissions, granular control
- Automation: Use Power Automate to trigger workflows (e.g., email confirmations)
- Power BI: Embed reports/dashboards

Use Cases:

- Customer Service Portals (support cases, knowledge base)
- Supplier Portals (document sharing, compliance)
- Partner Portals (sales enablement, lead submission)
- Event Registration / Application Sites

Content Snippets

- Reusable code that can be used throughout your portal
- Time saving feature – updates handled in one place
- Boosts consistency across pages
- Can be configured to support multiple languages



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Content Snippets

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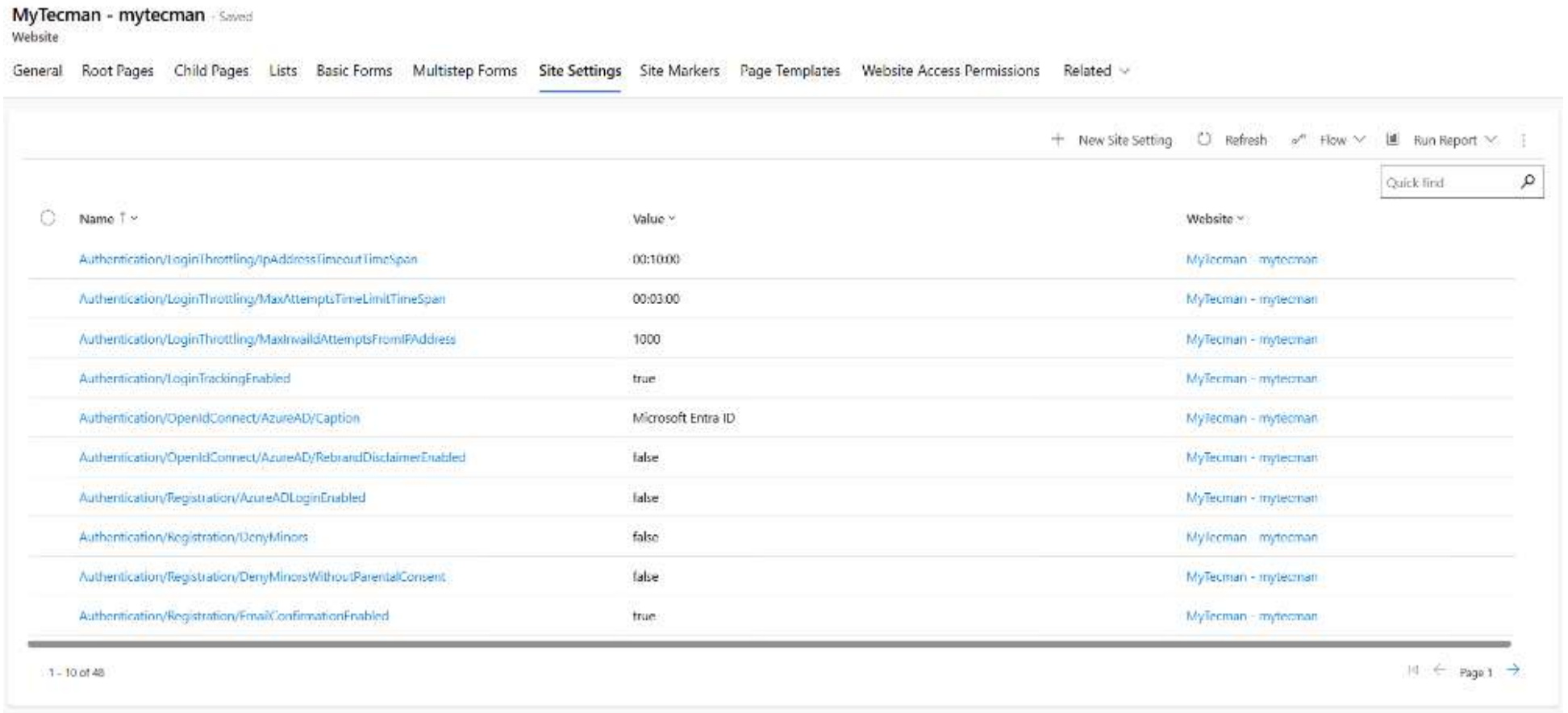
Site Settings

- Configurable settings used to modify behaviour / visuals.
- More user friendly – no need to modify code
- Can be either global or site specific



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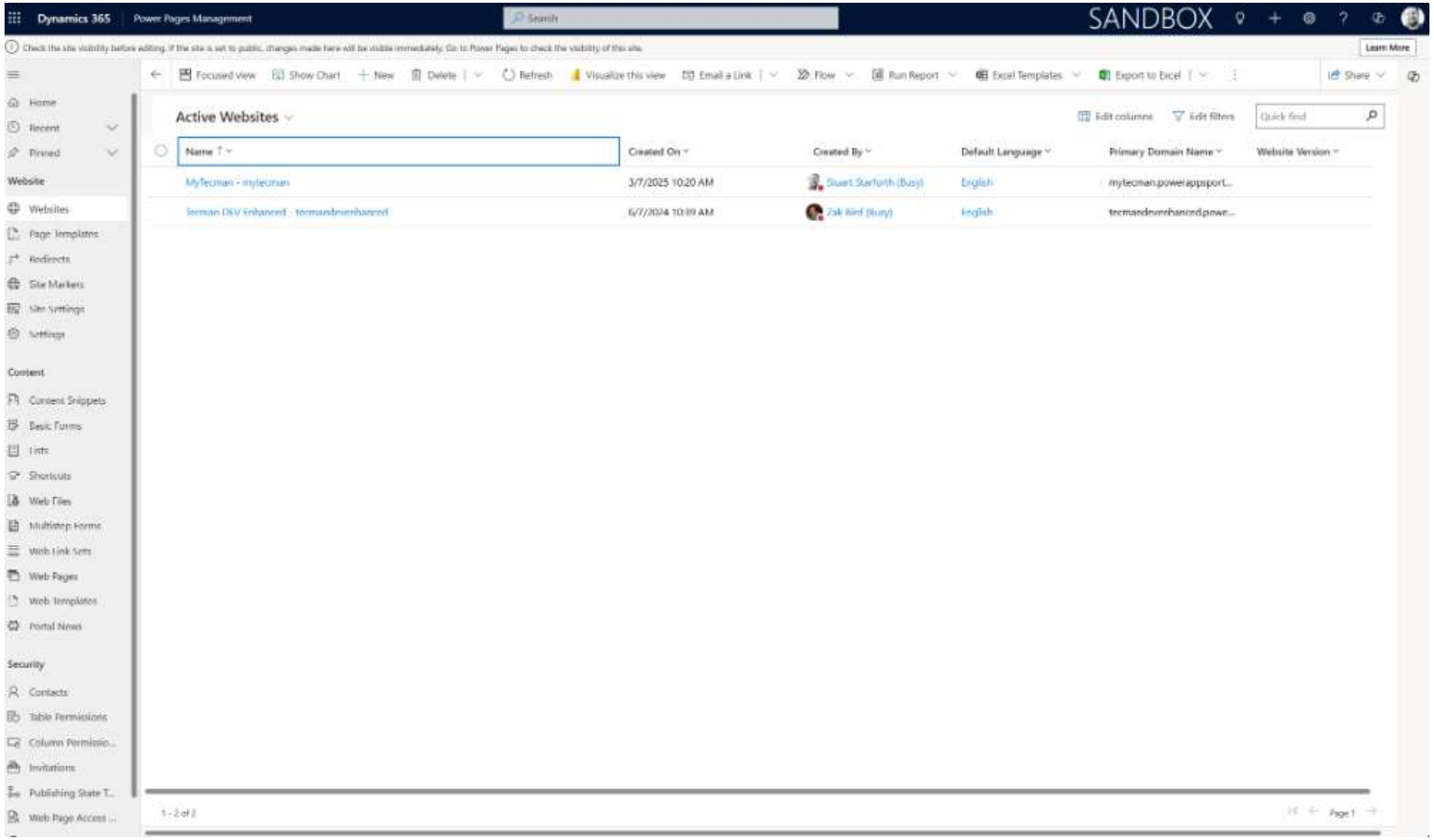
Multiple Portals



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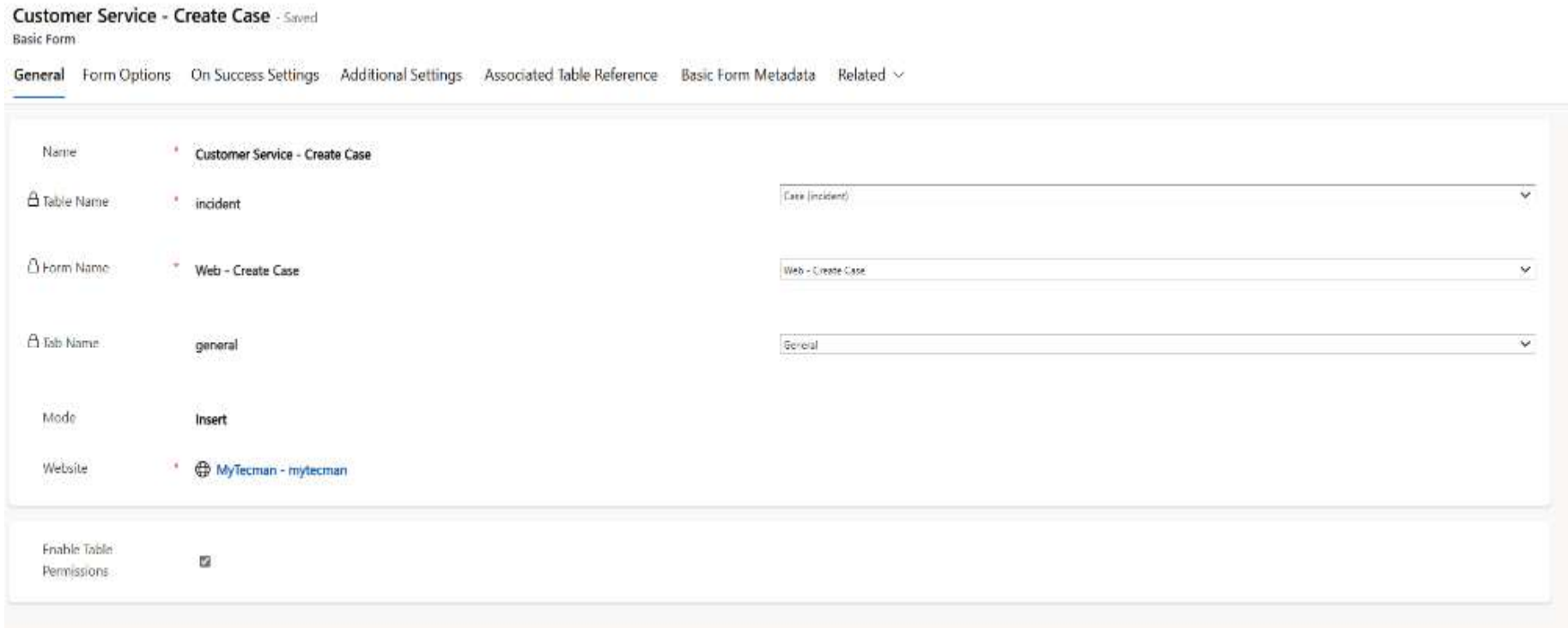
Form Creation

- Surfaces OTTB 'CRM' & custom forms configured in make.powerapps.com
- Configure how your audience will use your form – create / update/ read



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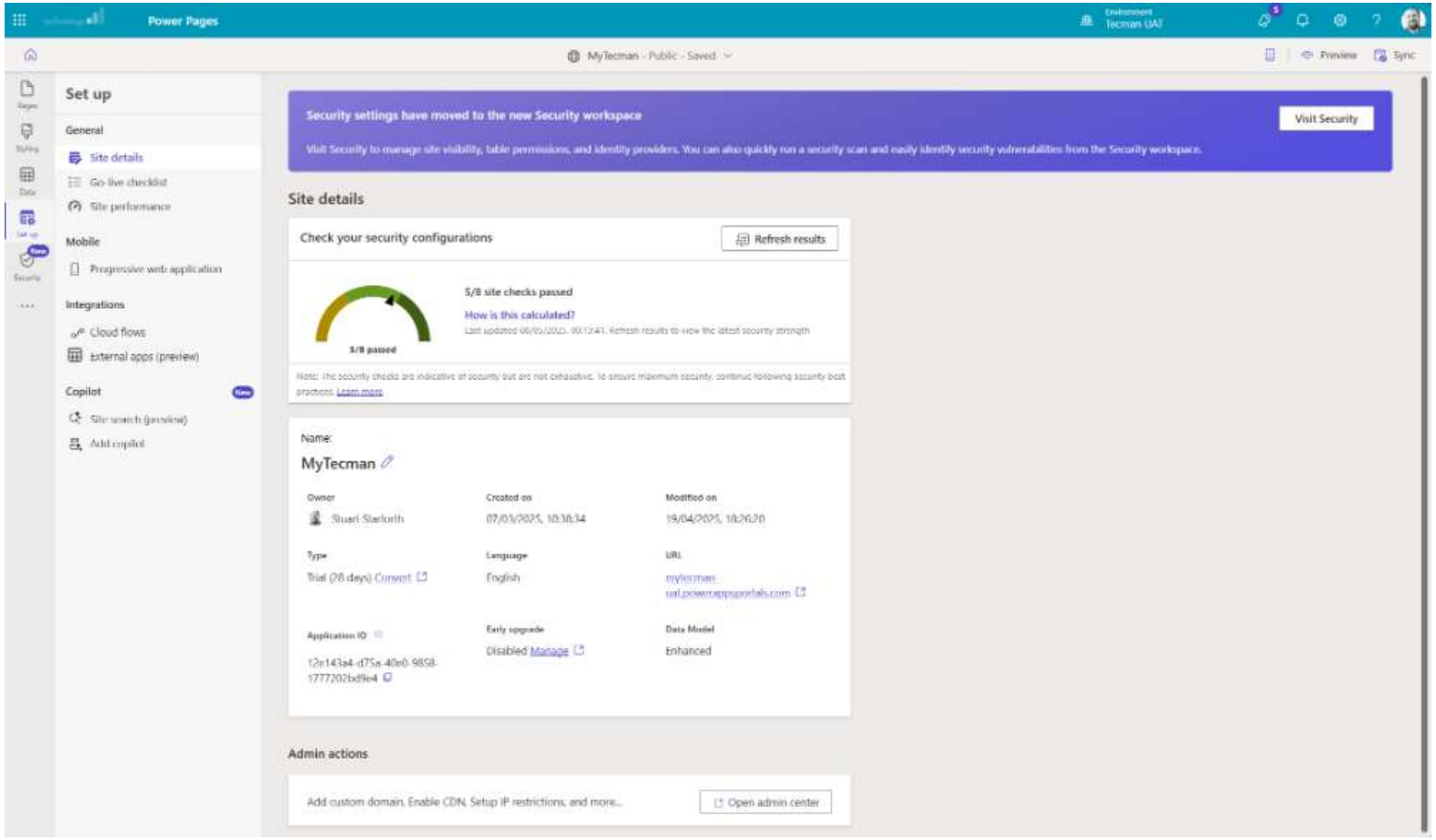
Handy Tools – Site Checker



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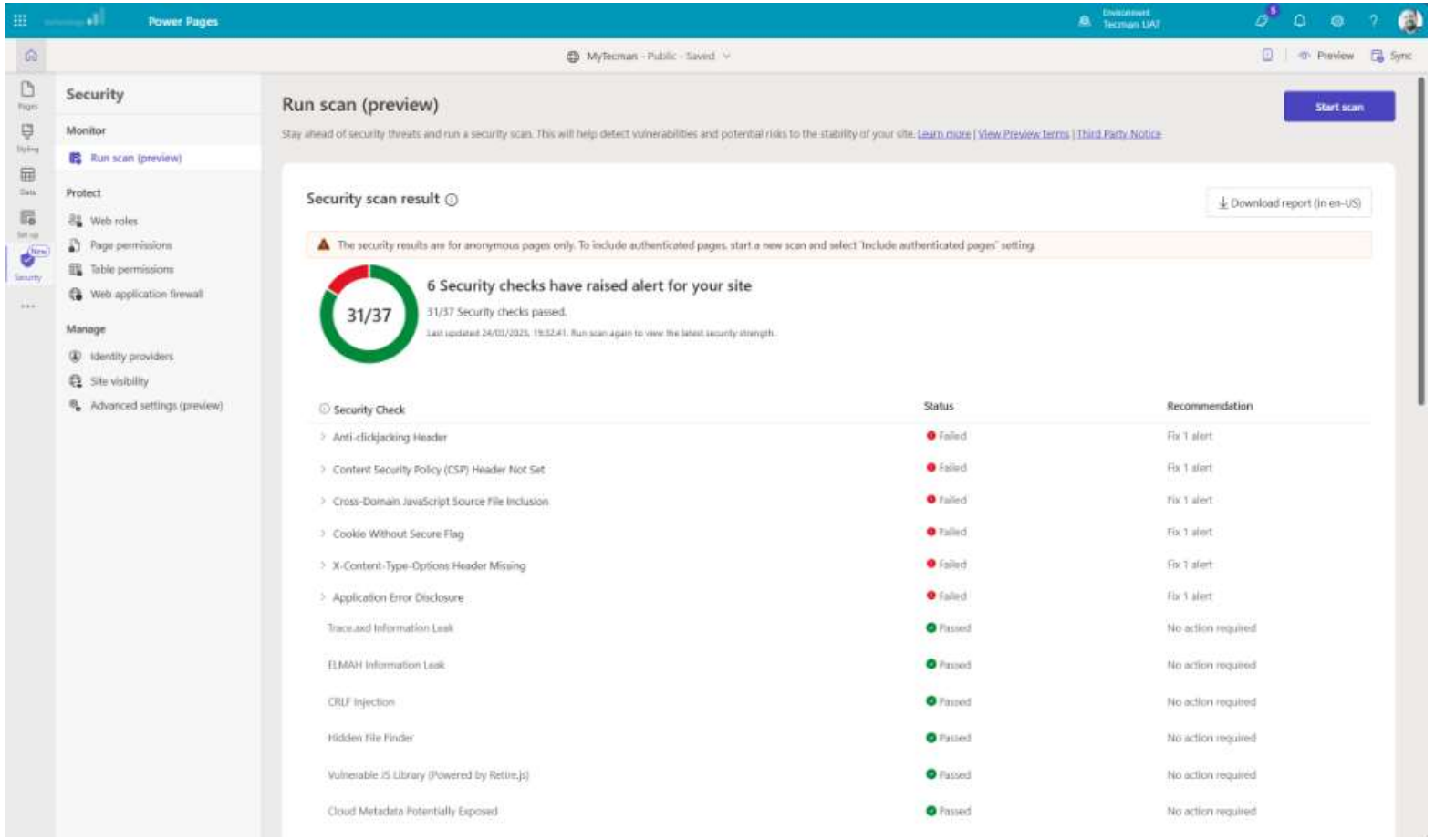
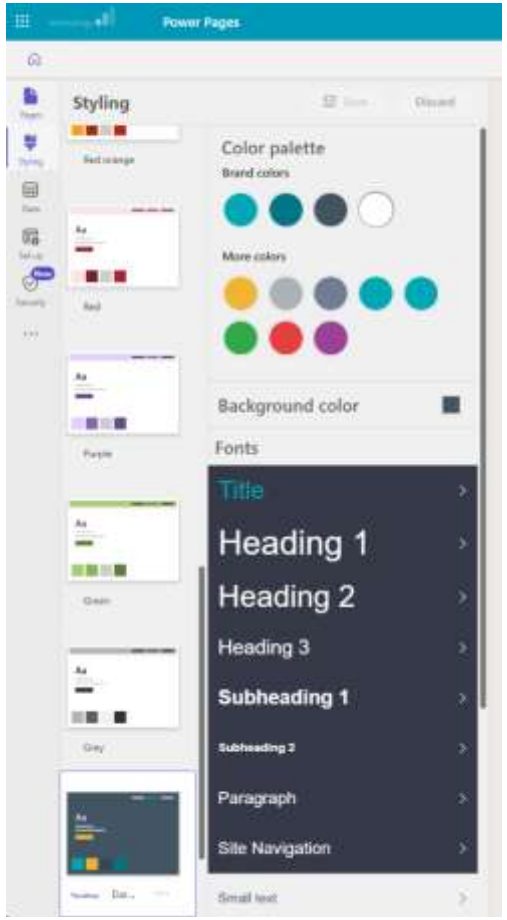
Handy Tools – Site Scan

- Provides site security strength insights
- Identifies potential issues or risks
- Offers recommended actions to improve security health



Custom Styling

Customise To Your Branding



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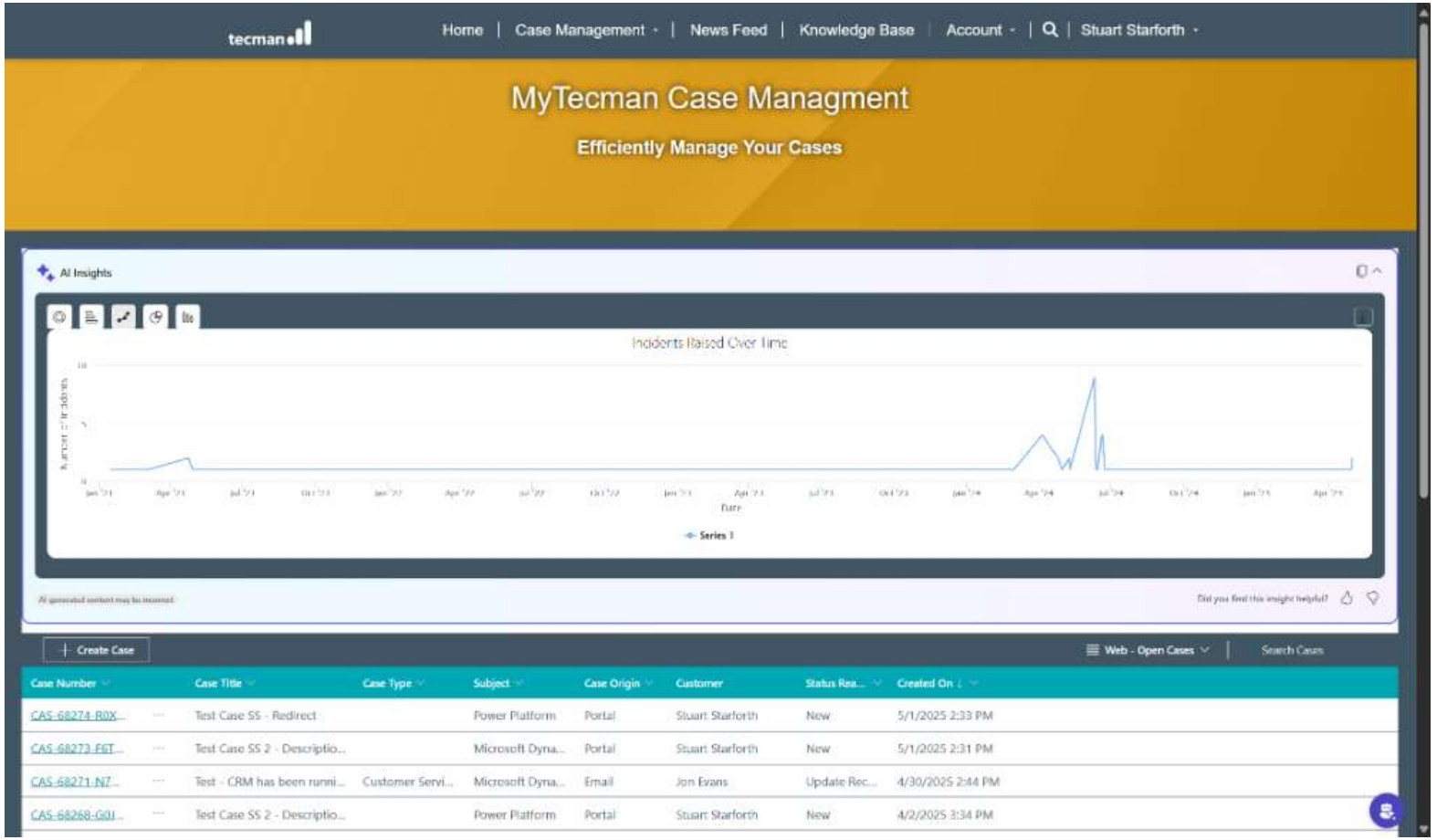
AI Insights



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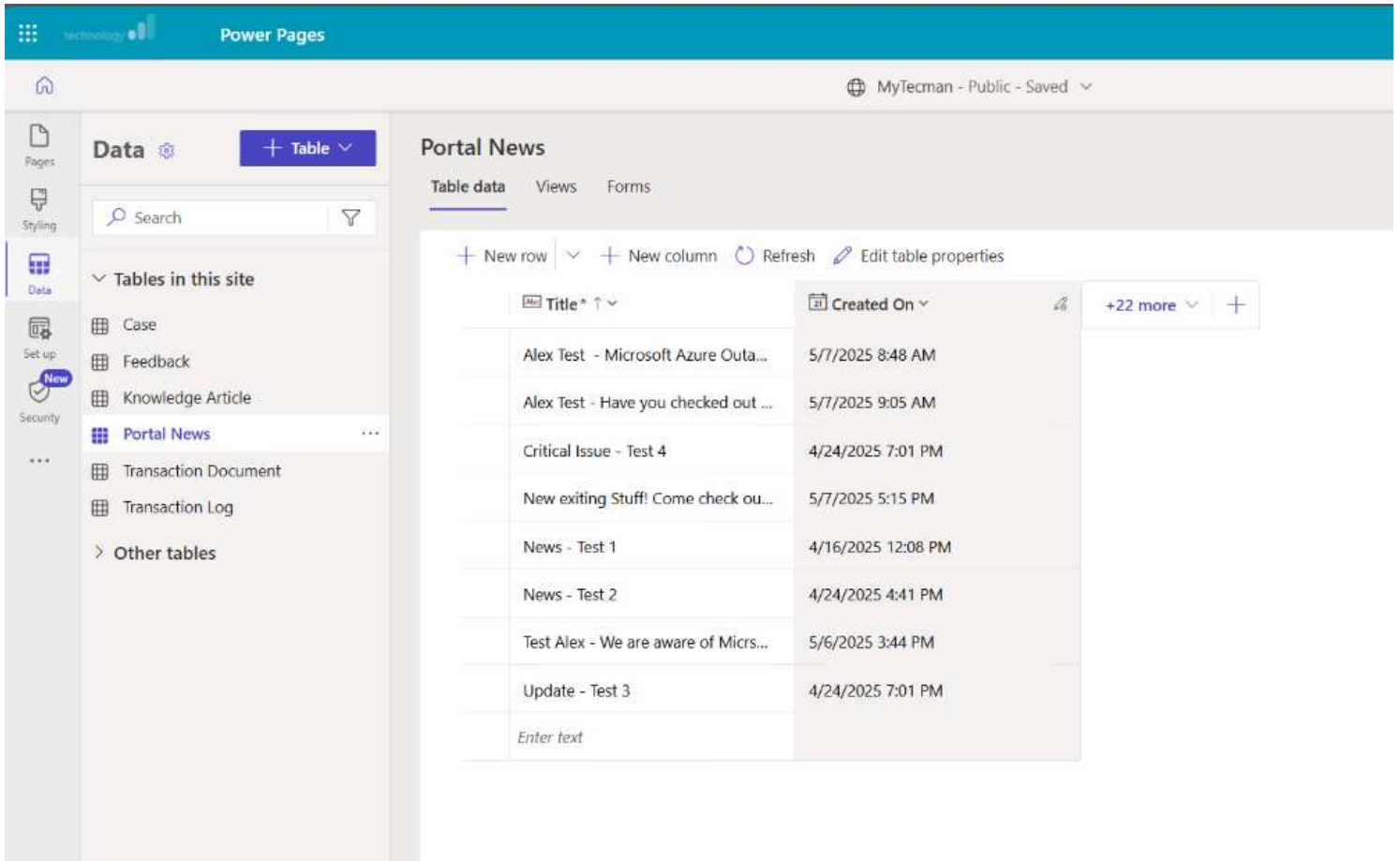
Access Forms, Views and Data Directly

- Native Dataverse integration
- Supports the use of Virtual Tables
  – Business Central data



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When to Use Power Pages vs. Other Tools

Not every business scenario needs a portal — sometimes a canvas app or model-driven app is better suited.

Here's how Power Pages fits into the Power Platform landscape and when to use it versus other tools:

When to Use Power Pages vs. Other Tools

Scenario	Recommended Tool	Why?
Internal employee access to data	Model-Driven App / Canvas App	Designed for authenticated, licensed internal users
External access to CRM/ERP data (secure access)	Power Pages	Built specifically for authenticated access by external users
Anonymous form submissions (e.g., Contact Us)	Power Pages	Supports public access with optional authentication
Public-facing marketing website	CMS (e.g., WordPress, Wix)	Better suited for design flexibility and SEO
Lightweight data collection from customers	Power Pages	Connects directly to Dataverse, supports workflows
Heavy visual design, advanced branding required	Custom Web Dev	Use custom HTML/CSS for maximum design control

Your Portal, Your Way

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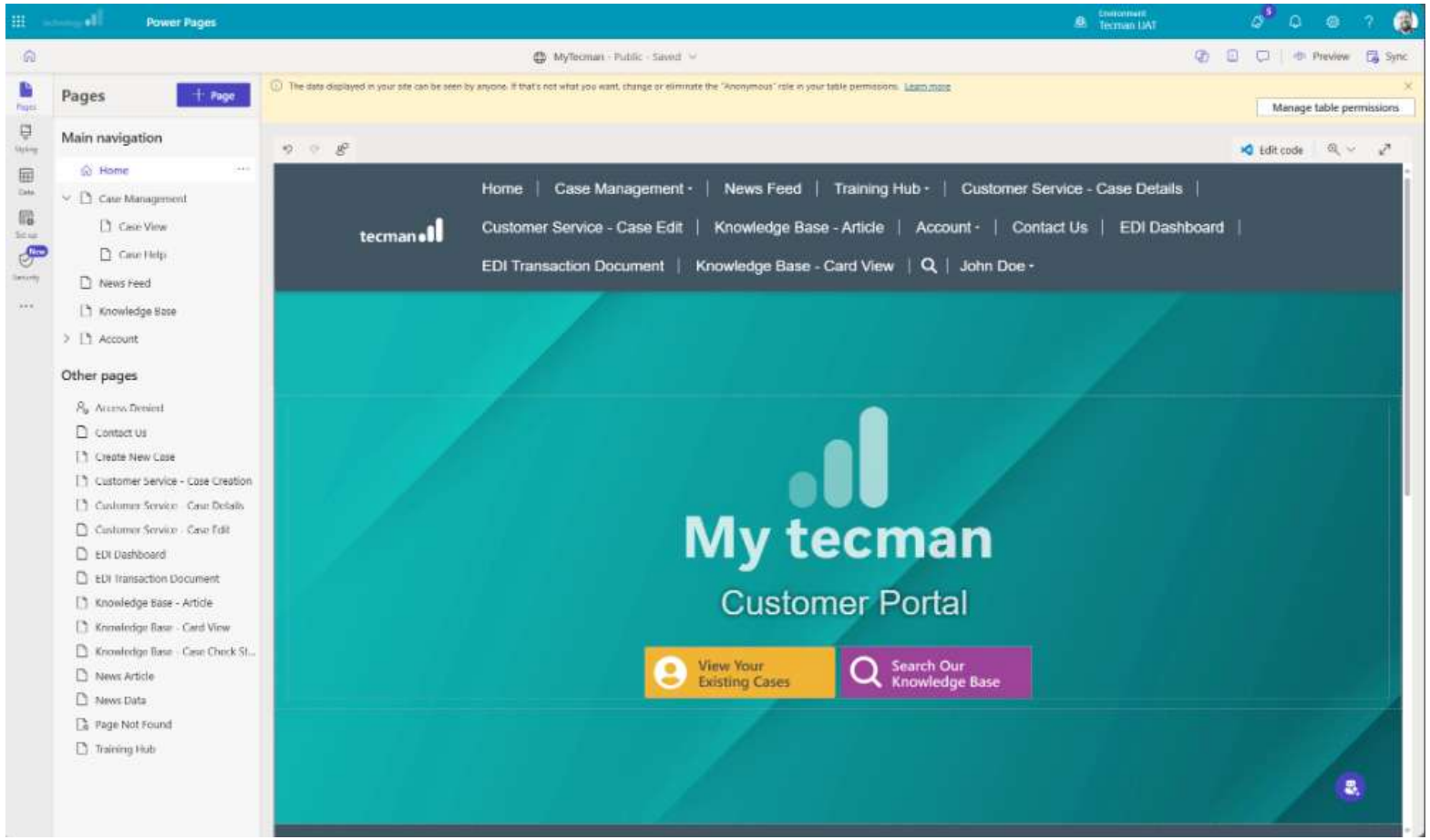
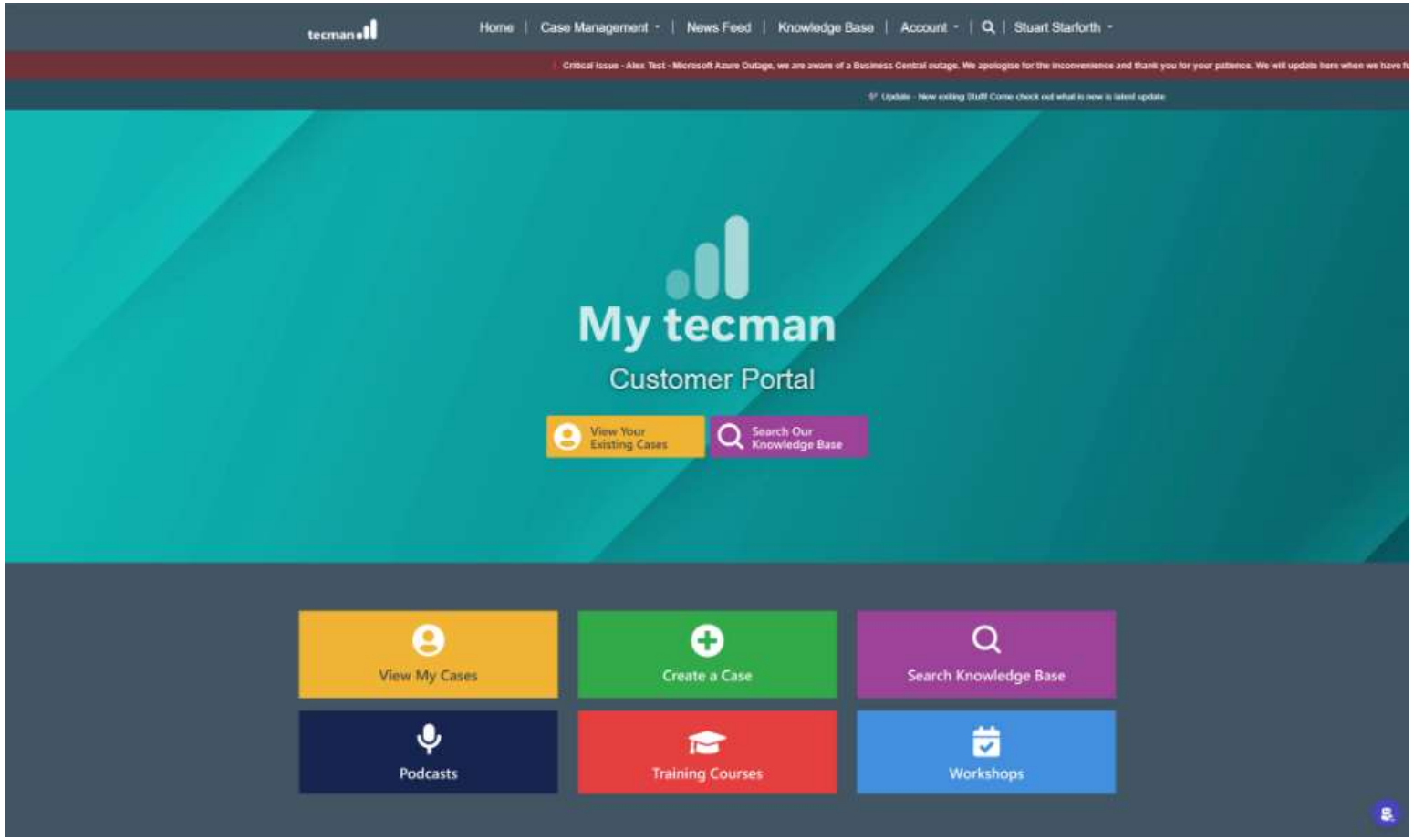
Your Portal, Your Way



Custom Banner

By using certain code snippets, you can showcase data stored in the Dataverse directly within a custom content blocks.

Here we are pulling News directly into the home page.



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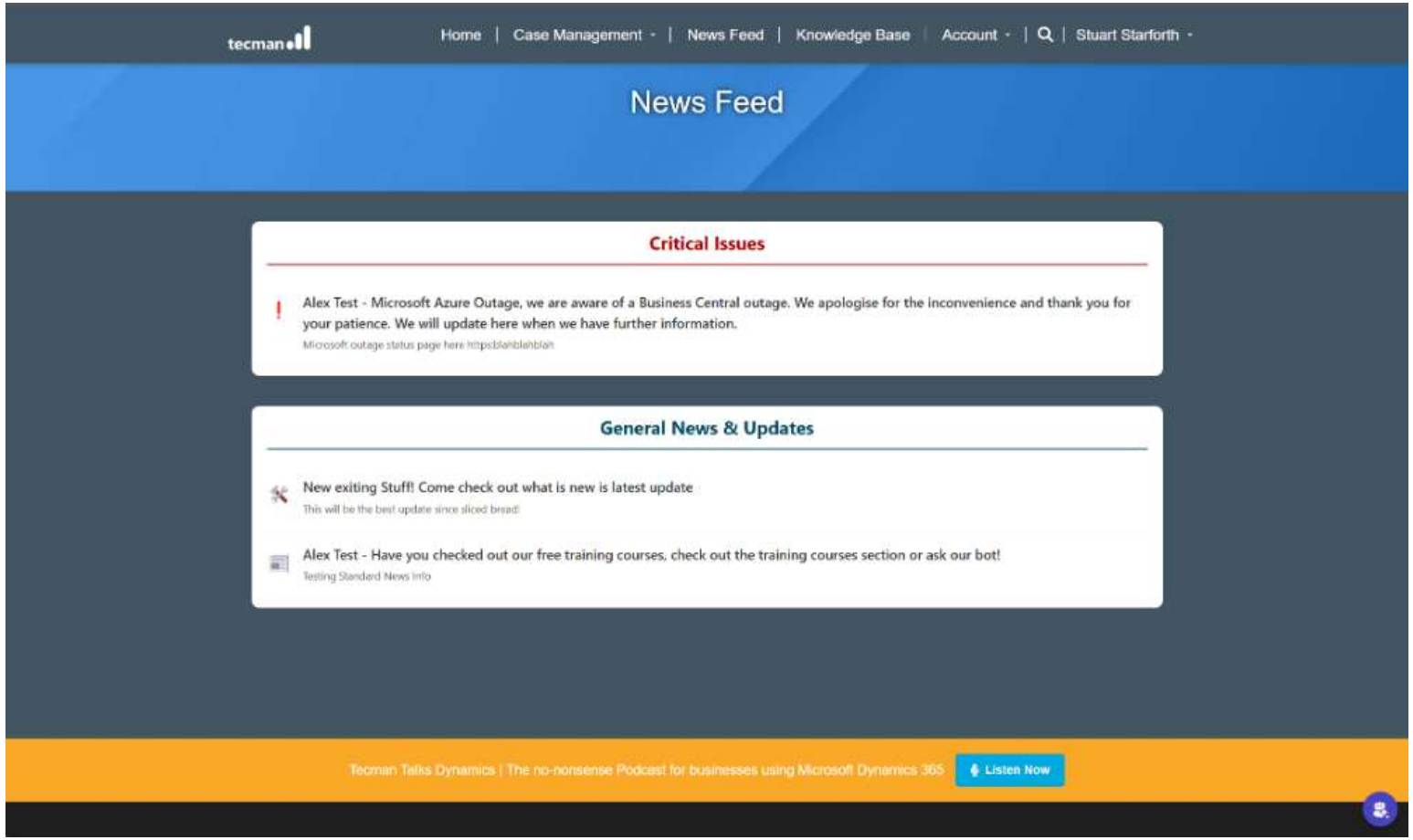
Banner Links to News Feed Page



This banner links to a custom News Feed page that displays articles from a CRM-based table.

- Pulls real-time data from a custom Dataverse table
- Keeps portal users updated with internal news
- Easy to manage and publish from Dynamics CRM

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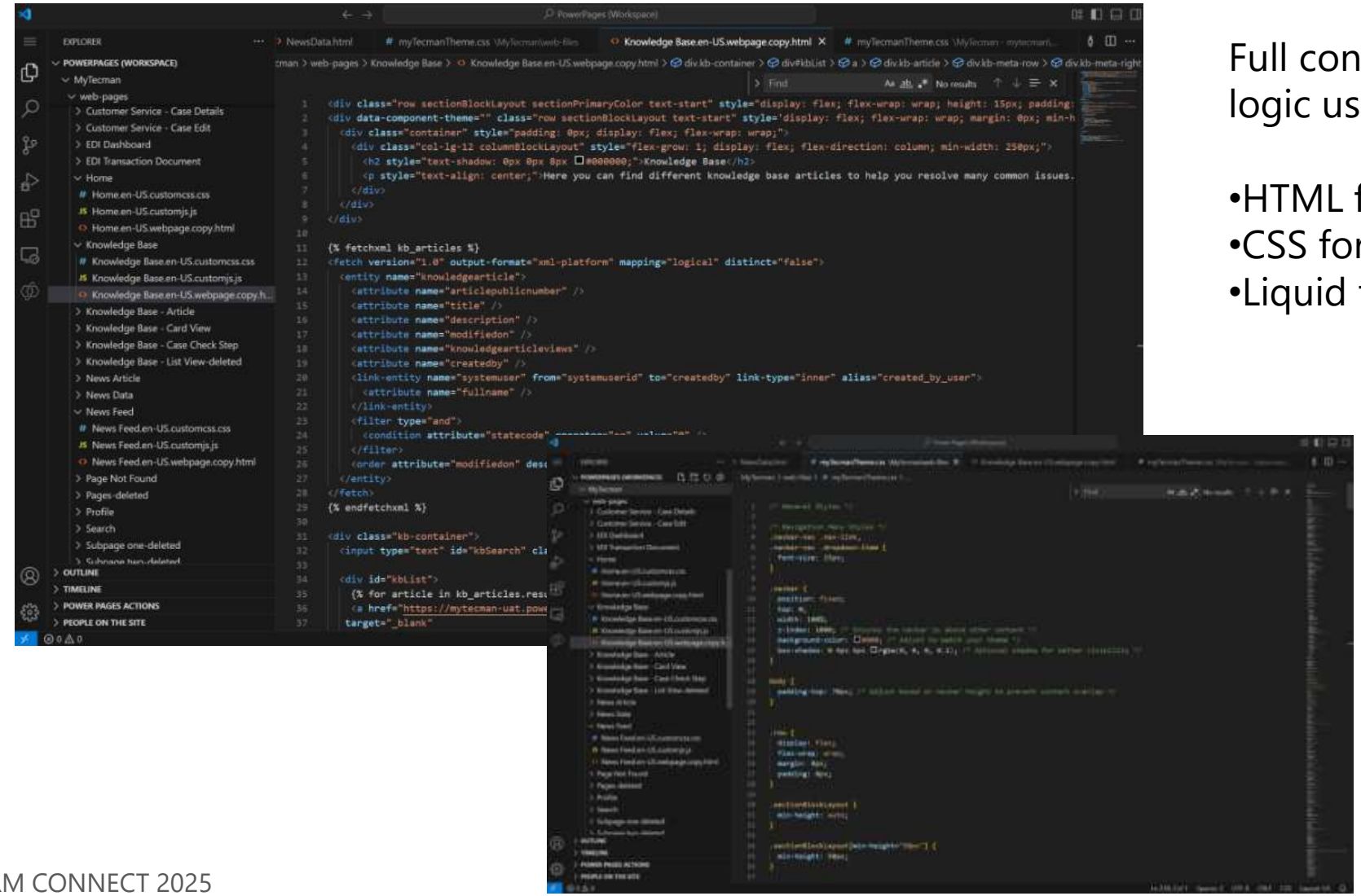
Customise Your Portal



Full control over layout, styling, and logic using:

- HTML for structure
- CSS for branding and layout
- Liquid for dynamic Dataverse data

Easily adapt Power Pages to match your website design or business needs.

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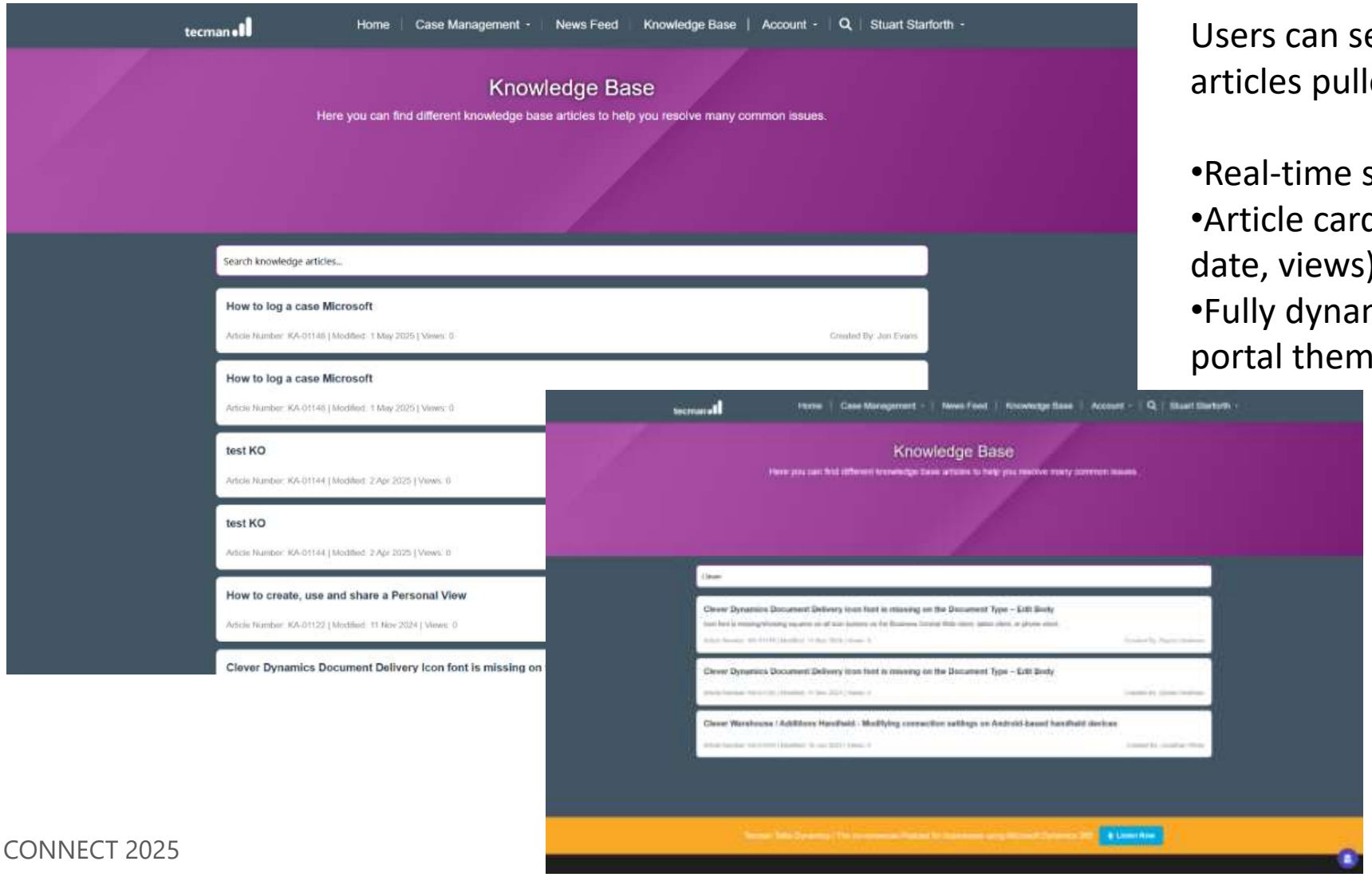
Customise Your Portal



Users can search and view knowledge articles pulled directly from Dataverse.

- Real-time search using a custom search bar
- Article cards display metadata (author, date, views)
- Fully dynamic and styled to match the portal theme

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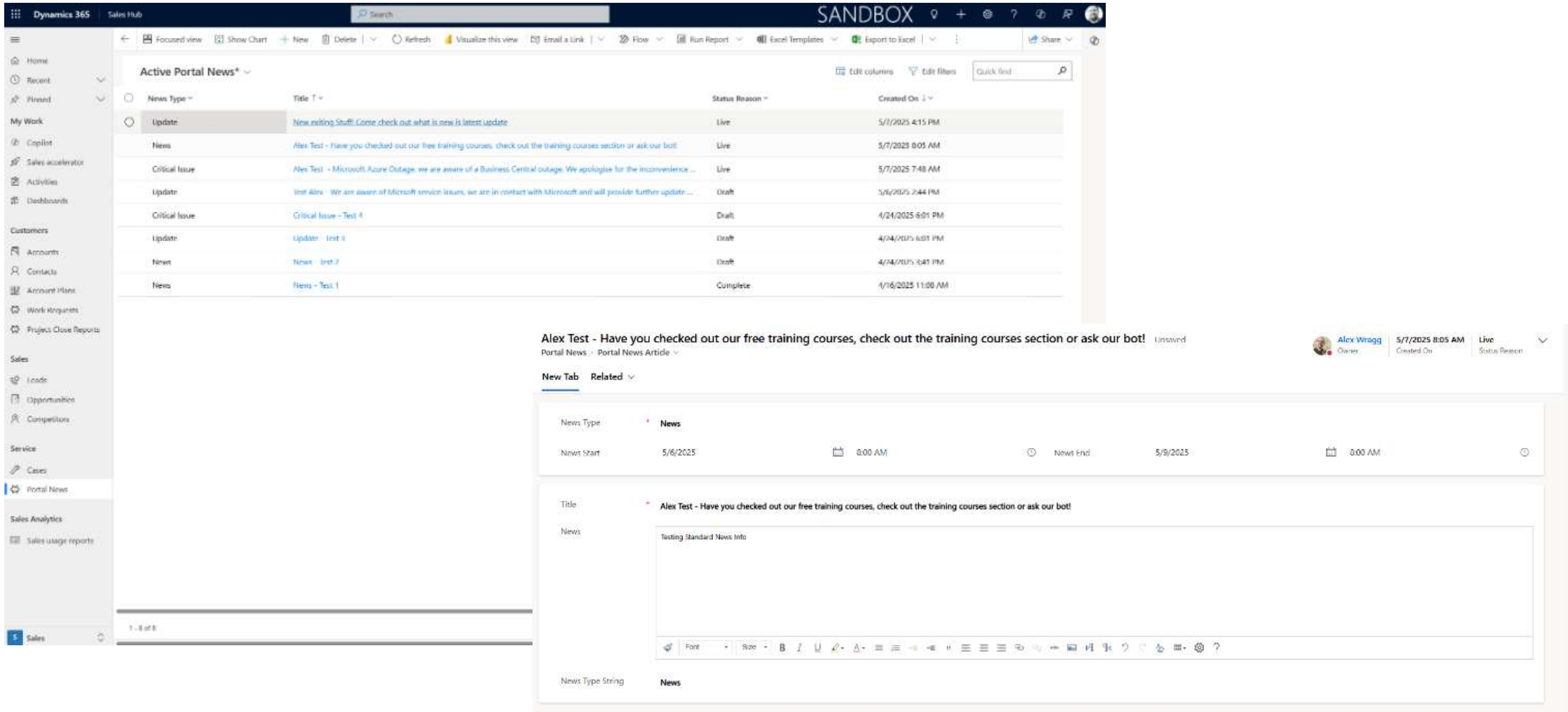
Use Custom Forms and Data (Dataverse)



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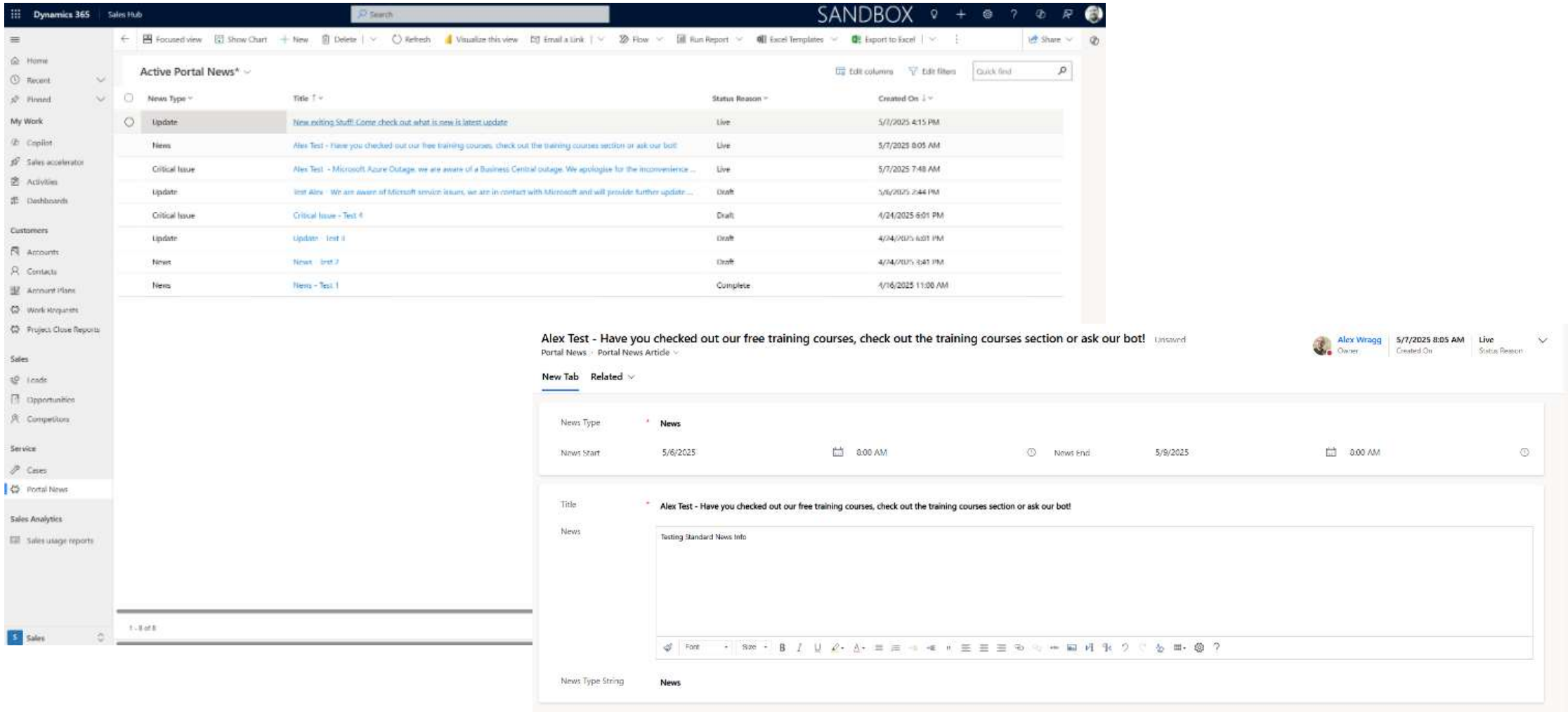
Use Data from (CRM/Dataverse)



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Use Data from (Business Central)

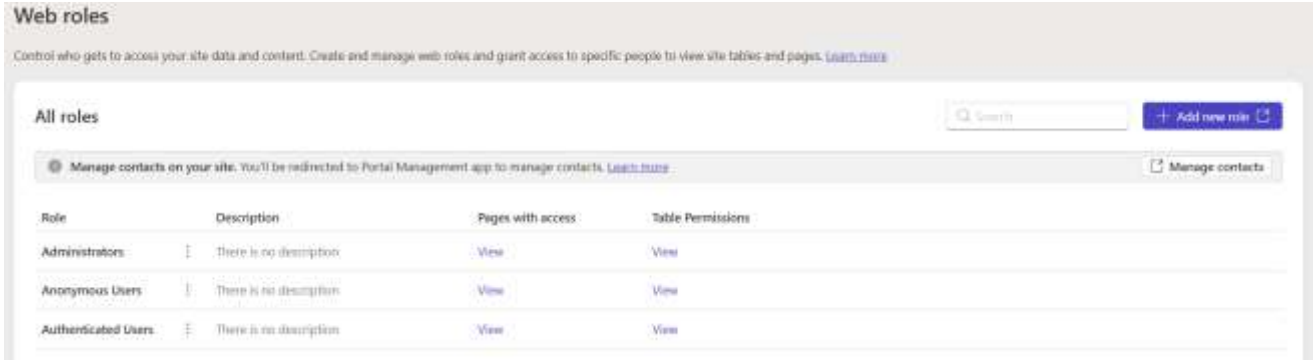
Use Business Central APIs to surface live data into your Power Pages portal.

- Connect via custom connectors or HTTP calls
- Display purchase orders, item availability, or pricing
- Secure access using Dataverse or authenticated web roles
- This enables external users to interact with BC data—without giving direct access to the ERP system.

Access and Table Permissions

Power Pages uses **Web Roles** and **Table Permissions** to manage access.

- Restrict data by role (e.g., customer, supplier, internal)
- Define row-level and column-level access via Dataverse
- Supports anonymous, authenticated, and external identity providers



Secure your portal with precision — without complex coding.

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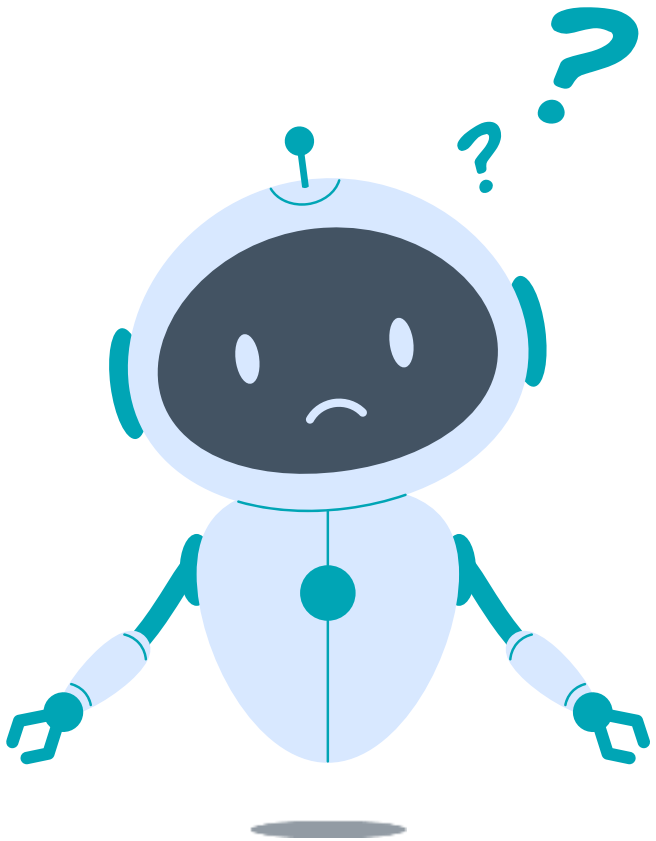
Demo Time – Getting Started

Starting Your Portal Project

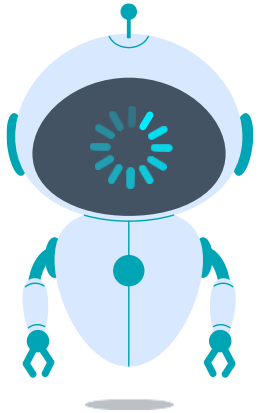
Review What is Power Pages?

Power Pages is:

- A low-code platform to build external-facing websites
- Connected to Dataverse for secure data storage
- Fully integrated with Power Platform (Automate, BI, Power Apps)
- Secured via Microsoft Entra ID, Azure AD B2C, or local login



How Could You Use Power Pages?

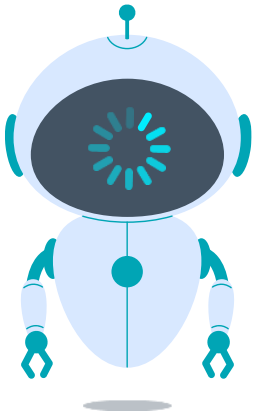


Could your customers, suppliers, or partners benefit from secure self-service?

- Start with one use case —case tracking or knowledge sharing
- Identify data you already store in CRM or BC
- Consider what users really need to see or do
- Start building with templates or a proof of concept

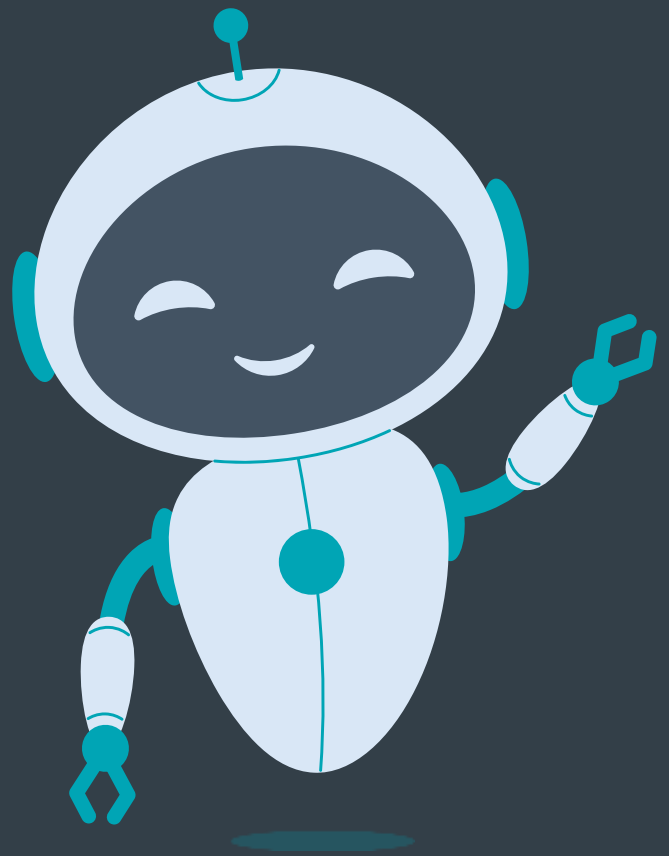
Power Pages helps you deliver real-time access, securely — without starting from scratch.

How to Start Your Portal Project



1. Define your audience – who is the portal for?
2. Identify what they need to do – view, submit, search?
3. Align with your data model – Dataverse tables/entities
4. Prototype quickly – get feedback early
5. Review licensing – pay per authenticated user or login capacity

Q&A



Thank you!

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