

The Low-Down on Low-Code

Agenda/Introductions

Low-Code/No-Code Concepts

Peter Ransome : CEO REVTECH

“Art of the Possible”

The Microsoft approach with Power Apps

Real World Business Impact

NAVApp : Power Apps for managing the Homelessness Crisis

Anne Sprute: Founder and President REVTECH

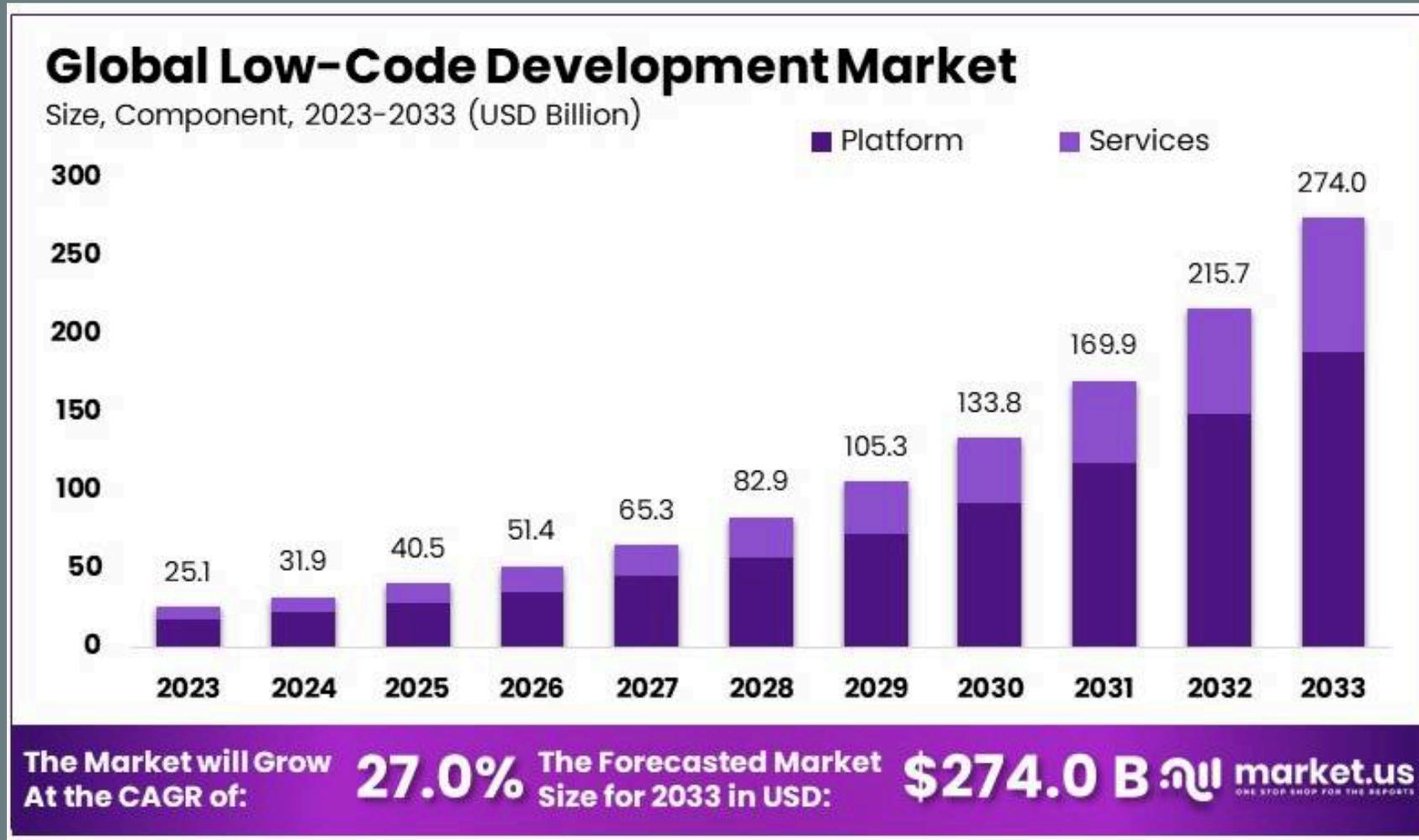
Low-Code Platform Impact

Growing Adoption: The adoption of low-code/no-code platforms is rapidly increasing, with a projected market growth rate of over 20% annually as organizations seek to streamline their development processes.

Wider Range of Tools: The proliferation of these platforms means more options for citizen developers, leading to greater adoption and experimentation.

Summary: the impact of low-code and no-code software on citizen developers is profound, driving innovation, efficiency, and engagement across organizations.

Low-Code Platform Growth Projections



It's a New Day and there is a New Way

Significant Financial Impact on Organizations

- Drastically reducing development costs
- Accelerating time to market for new applications
- Optimizing resource allocation, and
- Enabling non-technical users to build solutions,
- Leading to faster innovation cycles
- Business units can respond faster to market needs
- NOTE: Most business processes are not so complex that a LOW Code /No Code approach wont work



“The pace of innovation is so fast that we are now having to slow down to match the business, because that’s the kind of architecture we now have in place”

No Code Example

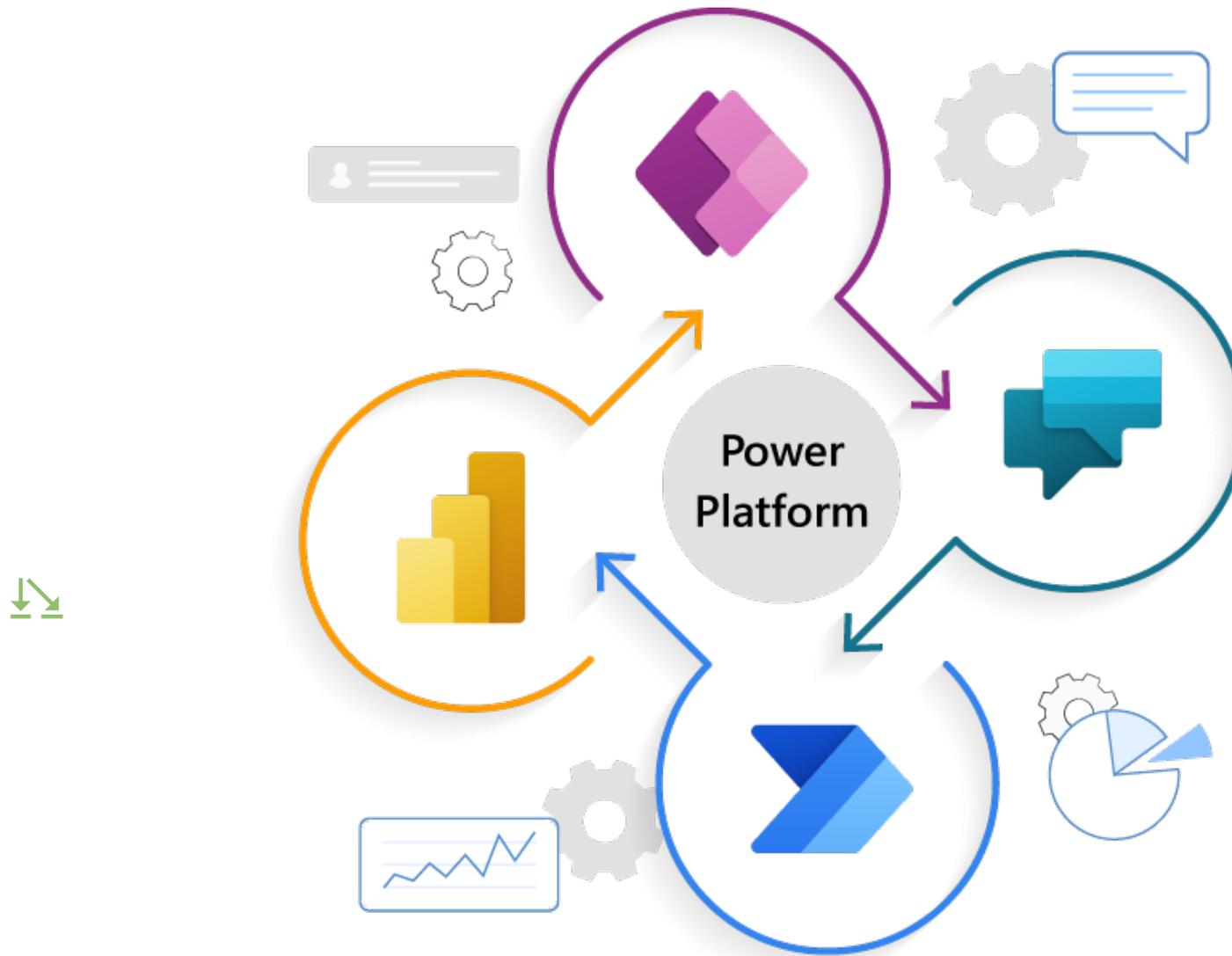
```
Dim pptApp As Object
  Dim pptPres As Object
  Dim slideIndex As Integer
  Dim slide As Object

' Create a new PowerPoint application and presentation
Set pptApp = CreateObject("PowerPoint.Application")
pptApp.Visible = True
Set pptPres = pptApp.Presentations.Add

' Slide 1: Title Slide
Set slide = pptPres.Slides.Add(1, ppLayoutTitle)
slide.Shapes(1).TextFrame.TextRange.Text = "Benefits of Low-Code/No-Code Software"
slide.Shapes(2).TextFrame.TextRange.Text = "Empowering Citizen Developers"

' Slide 2: What is Low-Code/No-Code?
Set slide = pptPres.Slides.Add(2, ppLayoutText)
slide.Shapes(1).TextFrame.TextRange.Text = "What is Low-Code/No-Code?"
slide.Shapes(2).TextFrame.TextRange.Text = _
  "Low-code and no-code platforms allow users to create applications with minimal or no programming knowledge."&vbCrLf&_
```





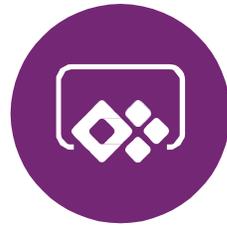
Power Platform 101

Microsoft Power Platform

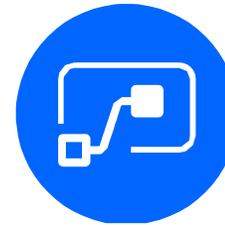
The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications



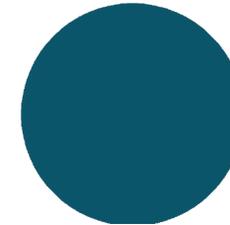
Power BI
Business analytics



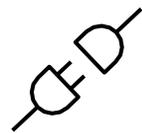
Power Apps
Application development



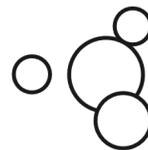
Power Automate
Process automation



Power Virtual Agents
Intelligent virtual agents



Data connectors



AI Builder



Dataverse

Gain insights from your data anywhere

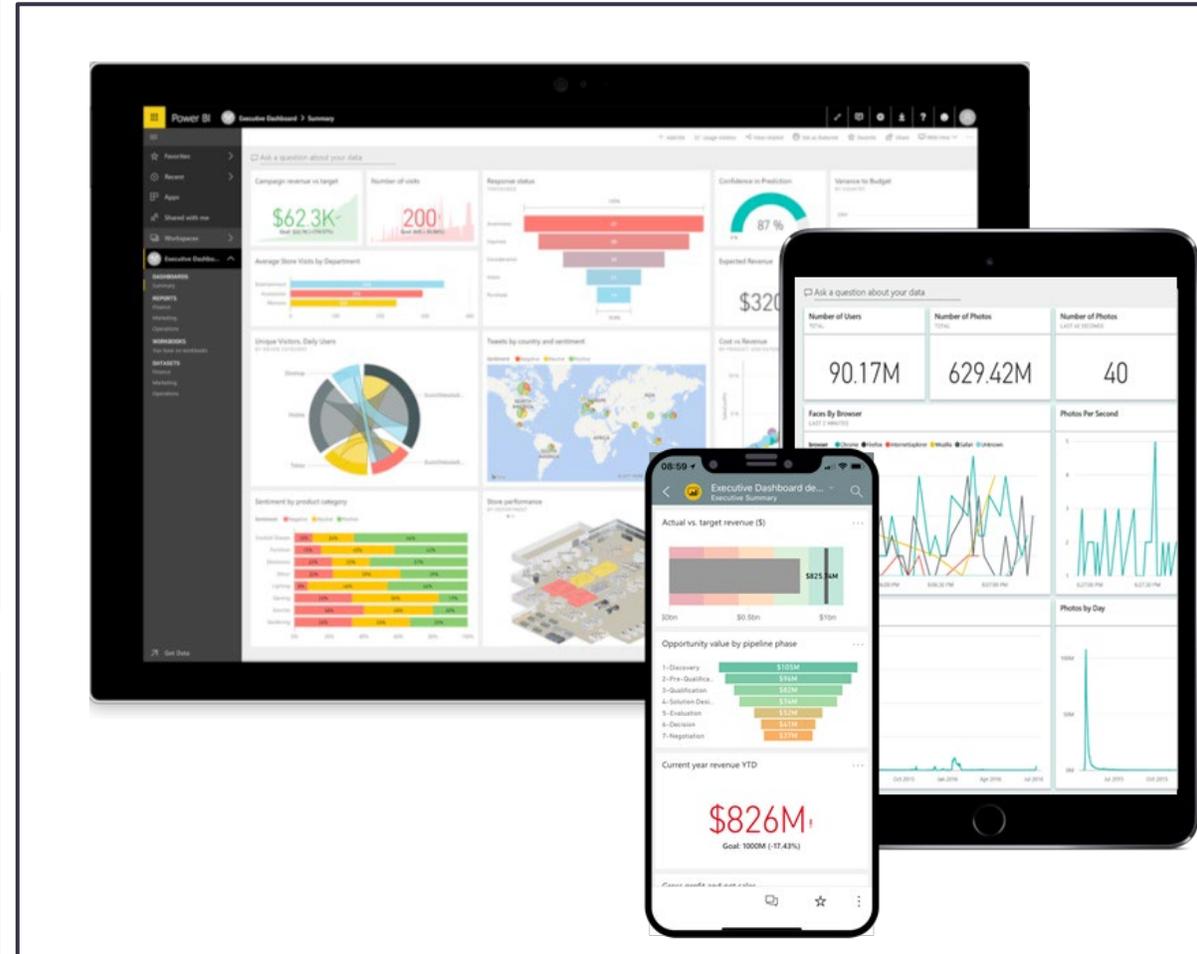


.. Take Action

Connect to all your data and get a consolidated view across your business through a single pane of glass

Create **ad-hoc analysis, live dashboards** and interactive reports that are easy to consume on the web and across mobile devices

Build smart apps by infusing insights from your data and drive action with the power of Microsoft Power Platform



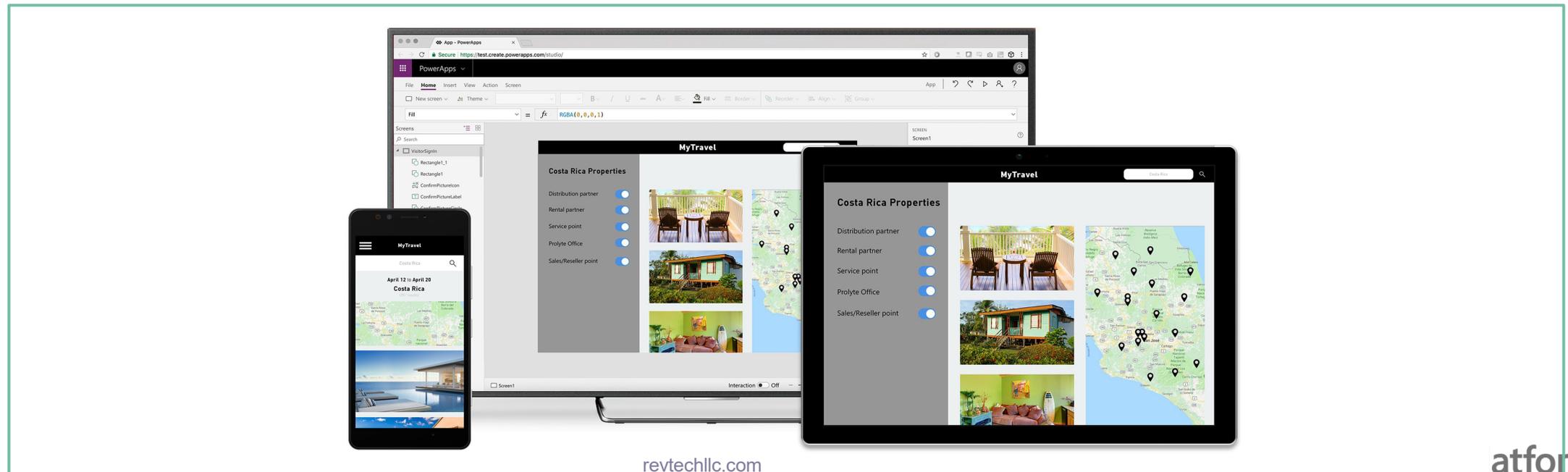
Build solutions for web /mobile with Power Apps

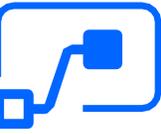


Build highly customized task- and role-based apps with data from one or multiple sources

Generate immersive model-driven apps, starting from your data model and business processes

Consume fully accessible apps across web and mobile, embedded or standalone, on any device





Power Automate & integrate business processes

Automate and model business processes across your apps and services

From simple automations to advanced scenarios with branches, loops, and more

Trigger actions, grant approvals, and get notifications right where you work

Automate legacy, on-prem and cloud-based applications and services

The screenshot displays the Microsoft Power Automate interface for a flow named "Invoice Processing". The left sidebar contains navigation options: Home, Approvals, My flows (selected), Templates, Connectors, Data, AI Builder, Solutions, and Learn. The main workspace shows a flow diagram with the following steps:

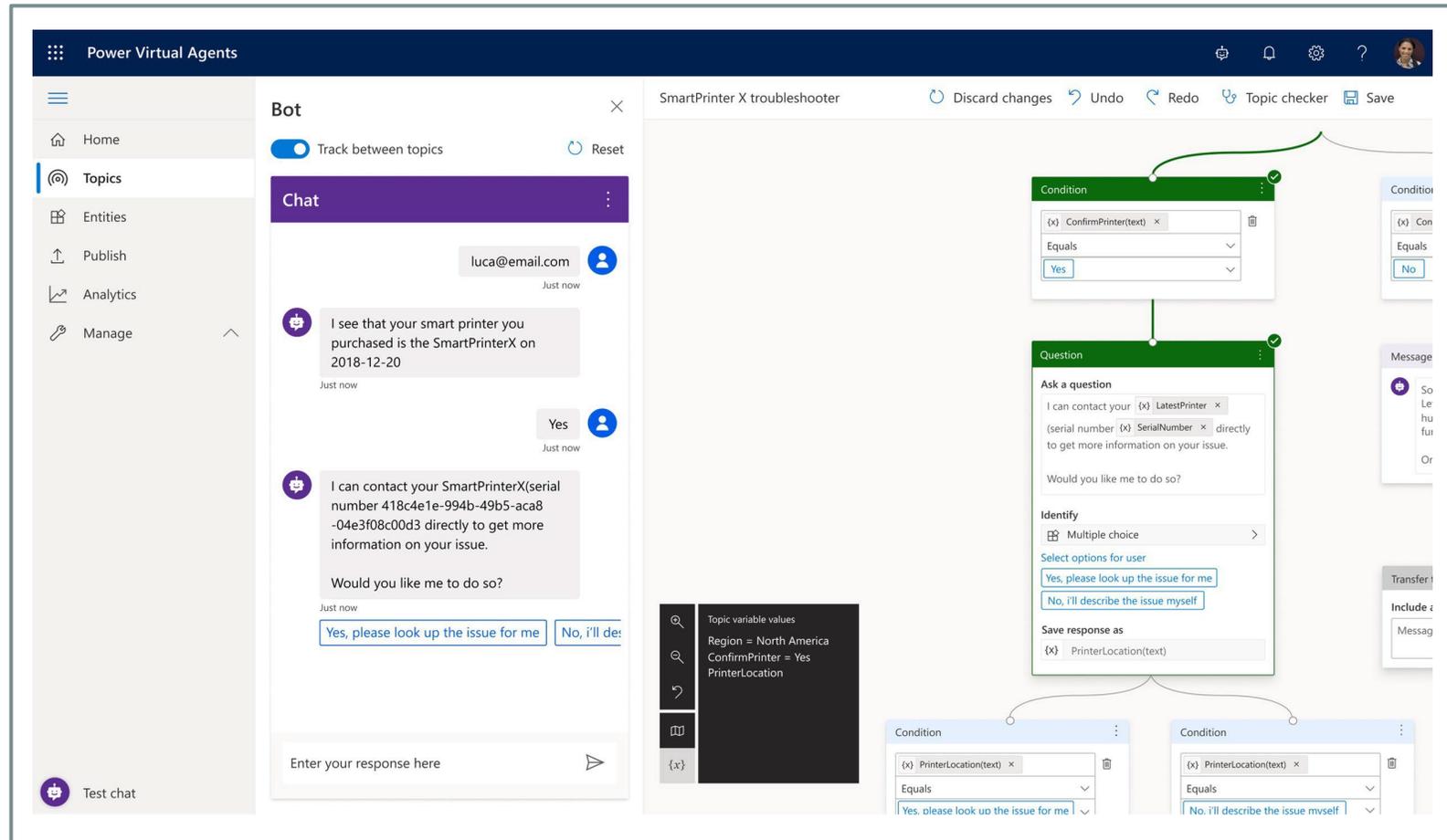
- When a new email arrives** (Trigger)
- Process Invoice using AI Builder** (Action)
- Route based on confidence** (Condition):
 - Condition: **Account ... x** is greater than **.85**
 - If yes** branch: **Save Invoice Details** (Action)
 - If no** branch: **Start and wait for an approval** (Action) followed by **Route based on outcome** (Action)

Build powerful chatbots w/ Power Virtual Agents

Enable subject matter experts to easily create powerful chatbots using a guided, no-code graphical interface—all without the need for data scientists or developers

Enable the virtual agent to act on the customer's behalf. Easily integrate your virtual agent with hundreds of services and systems out of the box or create custom workflows

Keep an eye on how your virtual agent is performing by using conversational metrics and dashboards. **Get in-depth AI-driven insights to improve bot performance**



The screenshot displays the Power Virtual Agents interface. On the left, a navigation pane includes Home, Topics, Entities, Publish, Analytics, and Manage. The main area is split into two panes. The left pane shows a chatbot conversation with a user named 'luca@email.com'. The bot's messages include: 'I see that your smart printer you purchased is the SmartPrinterX on 2018-12-20', 'I can contact your SmartPrinterX(serial number 418c4e1e-994b-49b5-aca8-04e3f08c00d3 directly to get more information on your issue.', and 'Would you like me to do so?'. The user has responded 'Yes'. The right pane shows a workflow diagram for 'SmartPrinter X troubleshooter'. It features a 'Condition' block with the expression '{x} ConfirmPrinter(text) Equals Yes'. This leads to a 'Question' block with the text 'I can contact your {x} LatestPrinter (serial number {x} SerialNumber directly to get more information on your issue. Would you like me to do so?'. Below the question is an 'Identify' block with 'Multiple choice' options: 'Yes, please look up the issue for me' and 'No, I'll describe the issue myself'. The 'Save response as' block is set to '{x} PrinterLocation(text)'. Below the question block are two 'Condition' blocks: '{x} PrinterLocation(text) Equals Yes, please look up the issue for me' and '{x} PrinterLocation(text) Equals No, I'll describe the issue myself'. A 'Topic variable values' panel on the left of the workflow shows: Region = North America, ConfirmPrinter = Yes, and PrinterLocation.



Put all your data to work with Dataaverse

Jumpstart apps using a standardized data model with business logic, security and integration built-in

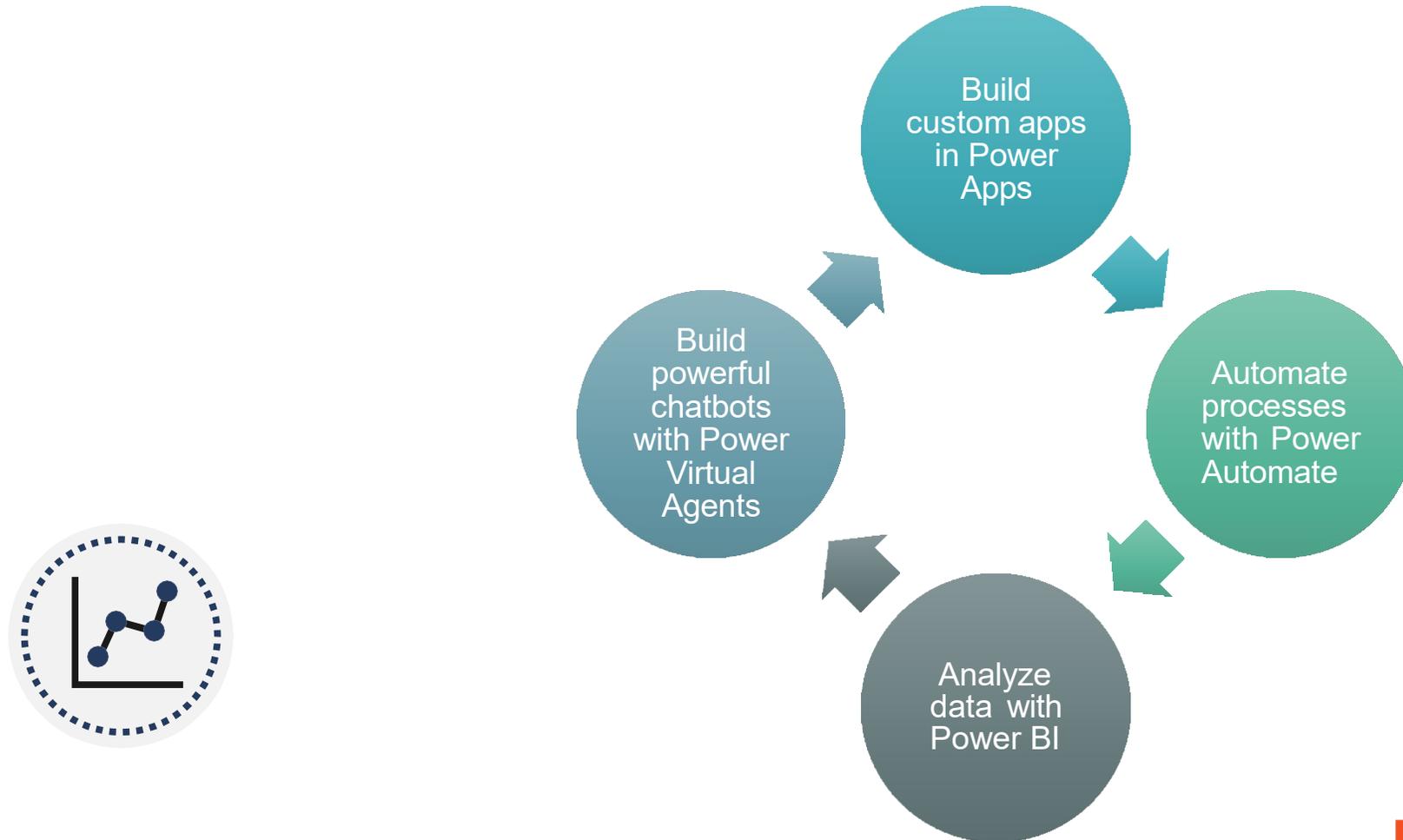
Extend to your own needs and integrate across your apps and services

Seamless Dynamics 365, Office 365, and Azure integration, augmented with data from industry partners

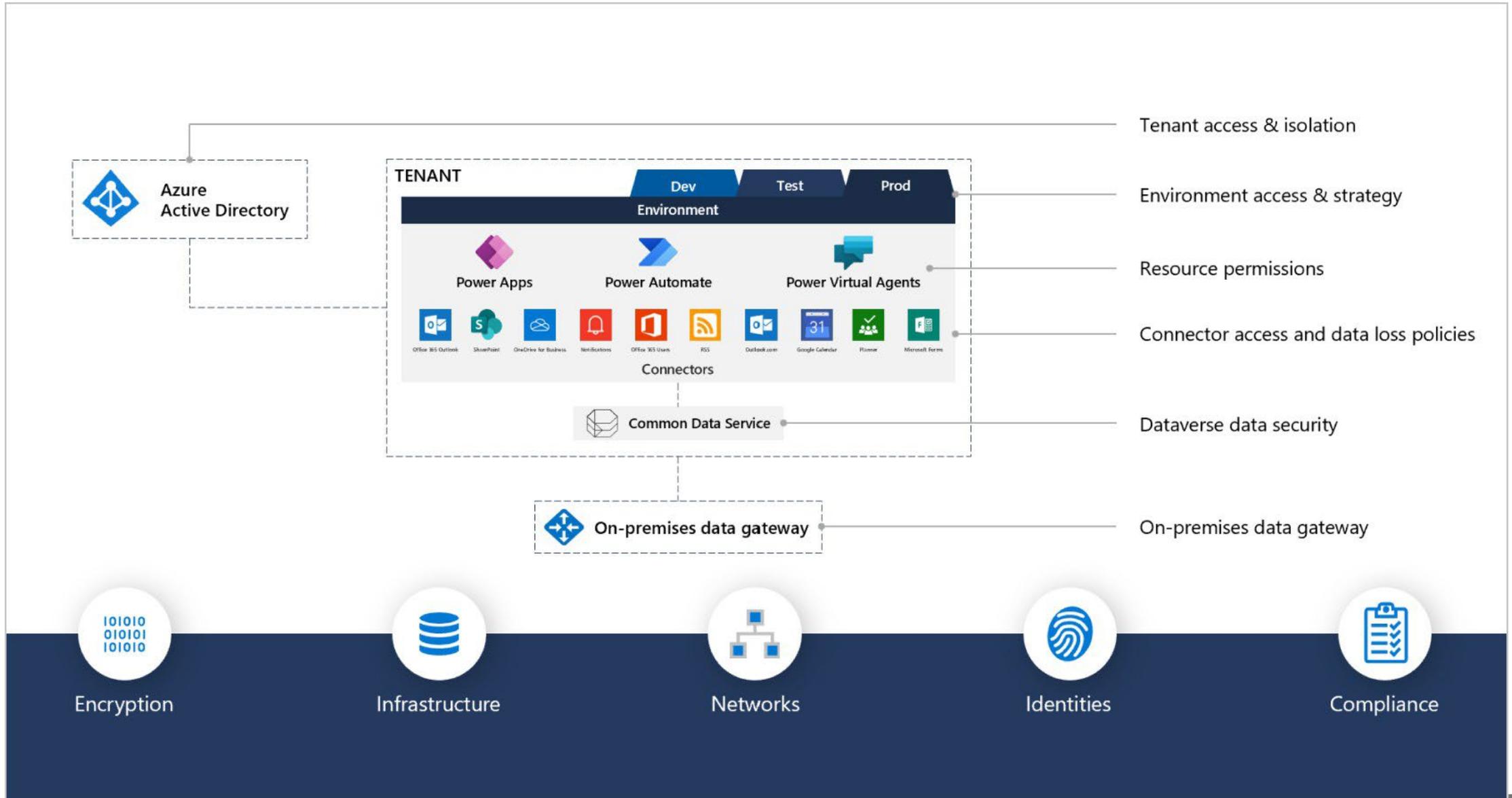
The screenshot displays the Dynamics 365 Innovation Challenge interface. The main header shows the challenge name 'CHALLENGE Connected Operations' and a progress bar with stages: 'Setup' (completed), 'Track (37 D)' (active), 'Select And Execute', and 'Close And Award'. A modal window is open over the 'Track' stage, showing details for the challenge: 'Active for 37 days', 'Number of ideas: 5', 'Last updated: 2/28/2018 8:14 PM', and options for 'Announce voting' (checked/Complete) and 'Close Challenge to new Ideas' (unchecked/Incomplete). The 'Next Stage' button is highlighted. The background interface includes a 'Details' pane on the left with fields for Name, Description, and Owner (Casey Burke), and a 'Contributed Ideas' list on the right with items like 'Connected quality control' (10 ideas) and 'Automobile fuel consumption' (1 idea).

Pulling it all together “Lego Style”

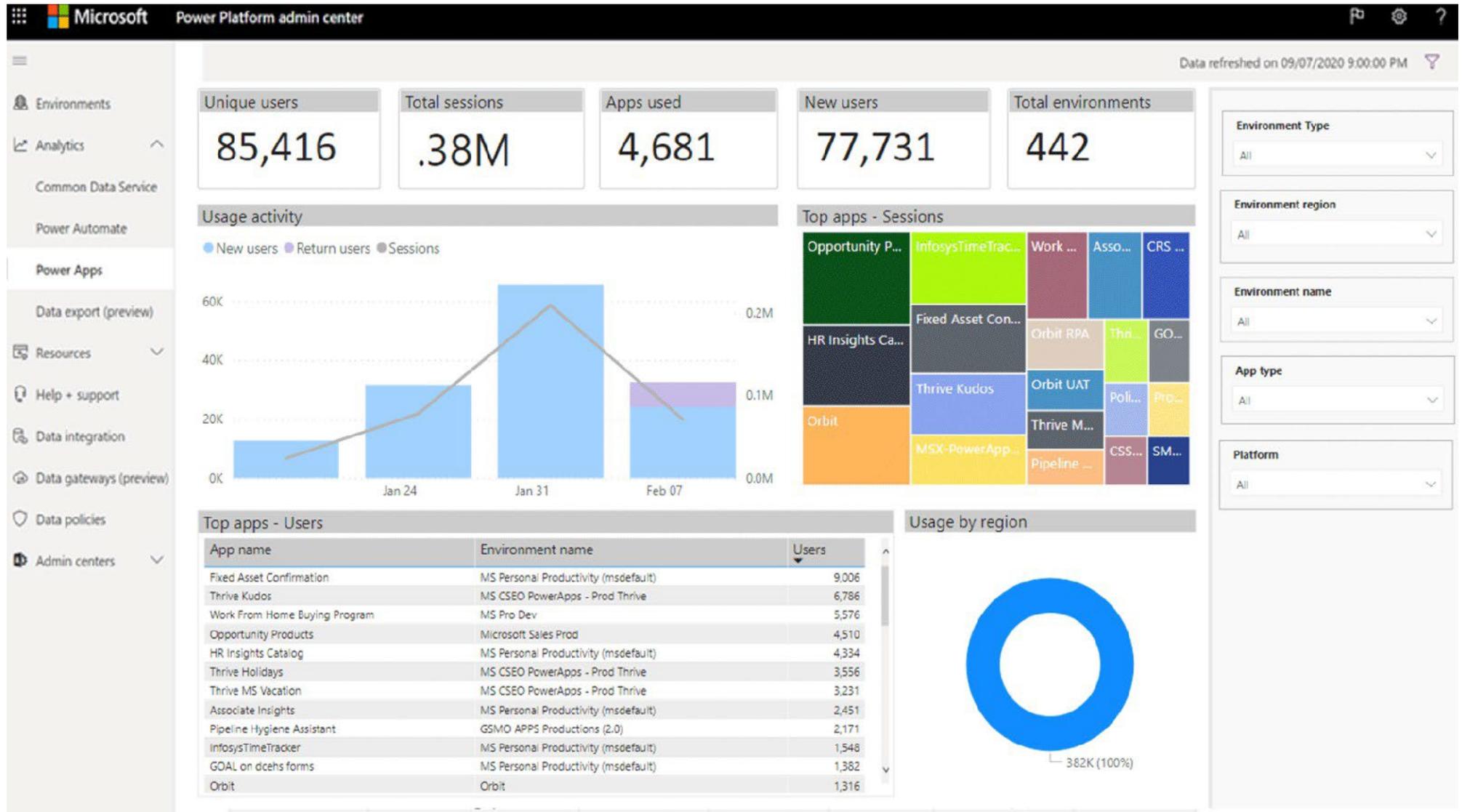
Microsoft Power Platform helps to add value to any business by analyzing, acting and automating



Power Platform Security Administration



Governance



Galleries and Templates



Power Apps

Environment: Guide To Learn, Inc. (de...)

Start from template ⓘ

All Office

Search all templates

- Power Apps Training for Office (Canvas app)
- Meeting Capture (Canvas app)
- Power Apps Training (Canvas app)
- Onboarding Tasks (Canvas app)
- Help Desk (Canvas app)
- Budget Tracker (Canvas app)
- Site Inspection (Canvas app)
- Service Desk (Canvas app)
- Leave Request (Canvas app)
- Fundraiser (Model-driven app)
- Innovation Challenge (Model-driven app)
- Asset Checkout (Model-driven app)
- Case Management (Canvas app)
- My Expenses (Canvas app)
- Customer Success (Canvas app)



Forms for Data Capture integrity

The screenshot displays the Microsoft Power Apps form editor interface. At the top, a formula bar shows the text control's value is set to `Parent.DisplayName`. The main workspace shows a form titled "Assets" with several data cards. The "Assets" data card is selected, showing a list of assets with columns for AssetID, ApproverEmail, AssetType, AssignedTo, DeviceName, ImageThumbnailURL, and ImageURL. The "DetailScreen1" data card is also visible, showing a detailed view of an asset. The "EditScreen1" data card is also visible, showing an edit form for an asset. The right sidebar shows the "Form customization" pane for the "Assets" data card. It includes options for "Snap to columns" (set to 1) and "Layout" (set to Vertical). The "Fields" section lists the fields in the form, including AssetID, ApproverEmail, AssetType, AssignedTo, DeviceName, ImageThumbnailURL, ImageURL, and SecurityCode. The "DataCardKey20" control is visible at the bottom of the workspace.

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Meet REVTech

We believe growing relationships with our team, partners, and clients results in extraordinary impact. We are real people inspired by what we learn from each other. We are more than just a tech company; we are your trusted advisors.

OUR VISION

“REV”olutionize our client’s business to drive performance, productivity, potential, profit, and purpose through technology and trusted service.

OUR MISSION

Solve complex business problems through proven results in technology enablement and professional services at scale.

OUR PURPOSE

We dream big and deliver bigger. Our ethos does not limit what we can accomplish, it empowers us to solve real-world challenges and strategically minimize risk, supporting our clients' short and long-term goals. Business is defined by opportunity. With a proactive, people-centered approach, we help you develop actionable strategies that support your workforce, minimize risk, and enable scalability.

OUR STRENGTHS LIE IN

- Competence & Versatility
- Dedication to Excellence
- Desire to Engage & Collaborate
- Ability to Solve Complex Challenges
- Software Solution Expertise

REVTech is;

- Led by a team of cross-industry domain experts with extensive track records in commercial and public sectors.
- Certified Woman Owned Small Business
- Certified Service-Disabled Veteran Owned Small Business (SDVOSB)



- ✓ Responsive User-Friendly Design (Web, Tablet, Mobile)
- ✓ Rapid Implementation & Highly Configurable
- ✓ Data Security and User Permissions
- ✓ Multi Agency Support
- ✓ Rapid Client Intake
- ✓ Housing Management & Booking
- ✓ Site & Individual Location Tracking
- ✓ Site Activity Management & Tracking
- ✓ Geo-Fencing & Custom Mapping Layers
- ✓ Customizable Risk Assessment & Calculation
- ✓ Workflow Management/Automation
- ✓ Advanced Power BI Reporting
- ✓ Referrals and Outcomes
- ✓ Easily Integrate with External Systems
- ✓ Community Response & Outcome Tracking



SBA WOSB
Woman Owned Small Business



Continuum of Care

Efforts to Outcomes

01

Intake

Rapidly collect key data for families & individuals with easy-to-use intake forms.

02

Assessment

Complete assessments to determine needs, eligibility, and priority for services or housing.

03

Housing

Manage housing availability, coordination, expenses, and room booking in real time.

04

Services

Coordinate services based on client needs. Capture follow ups to ensure completion.

OUR IMPACT TO DATE



USERS IN THE FIELD

- 400 people using our application
- 103 Trained



PEOPLE

- 25,337 people engaged
- 170 people managed in our system



PLACES

- 2,005 Encampments assessed
- 526 follow up site visits
- 23 encampments closed
- 18 encampments cleaned up



SERVICES

- 3,400 individuals referred to a service or support agency



NAVApp

Care Coordination for SUPPORTING COMMUNITIES SERVING THE HOMELESS POPULATION

- NAVApp is individuals experiencing homelessness are connected to resources empowering find meaningful opportunities.
- Assistance spans across
- NAVApp Teams are assigned to service areas and individuals to develop tailored opportunity plans around 8 pillars. Services across many domains provide a network of networks, affording individuals the ability to connect within communities no matter where they are located.



HOUSING



EMPLOYMENT



HEALTH & WELLNESS



BENEFITS



EDUCATION



FINANCIAL
WELLNESS



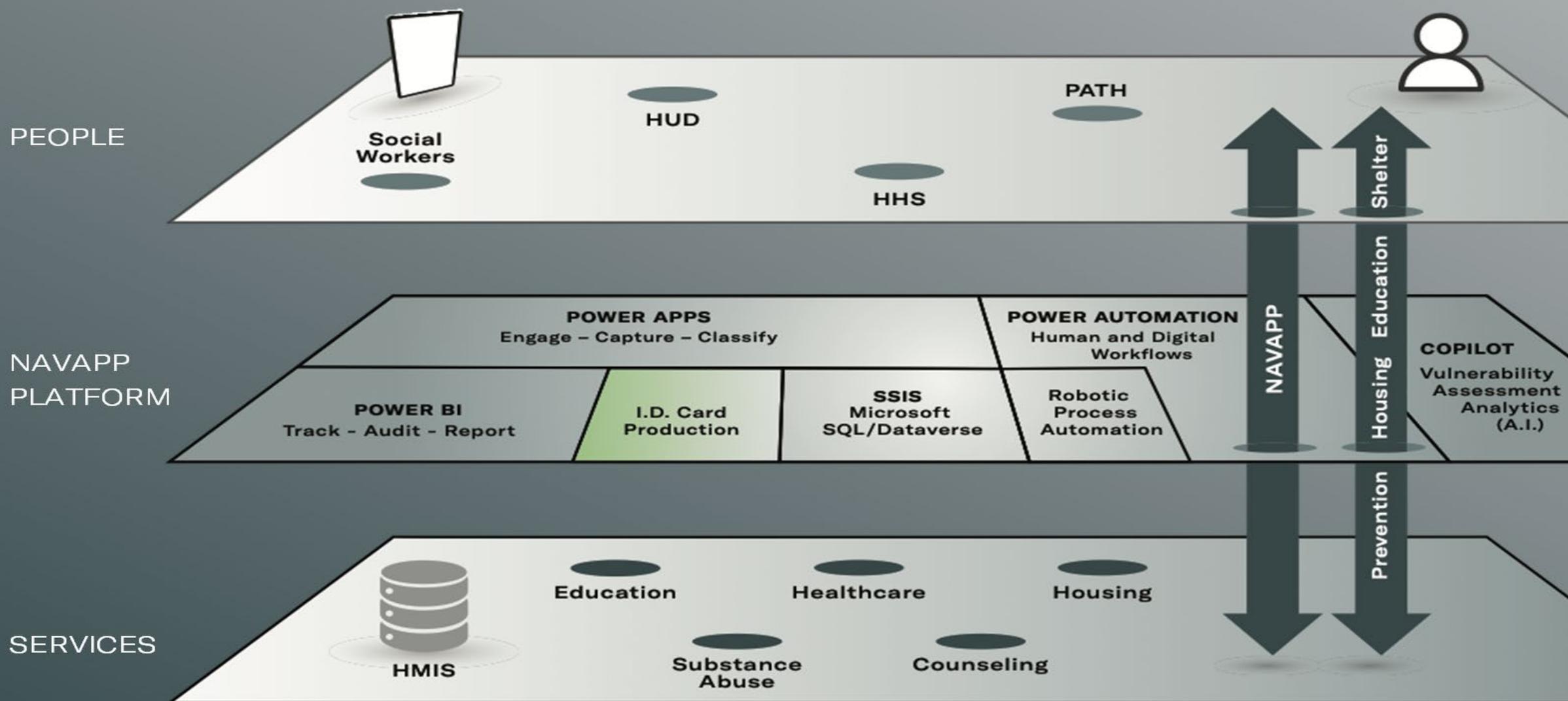
FAMILY PROGRAMS



LEGAL

NAVAPP INTEGRATION

DATA – INSIGHTS – ACTION – RESULTS



Power APP DEVELOPMENT

REV built an efficient, shareable, single-source “Front Door” to other systems, a contact management solution that fosters a greater understanding and personalized approach to the cities' integration with its over 10,000+ chronic homeless and underserved homeless population. REV focused on a human-centered design (HCD) approach, modernizing technology.



MOBILE SOLUTIONS

NAVApp offers an easy-to-use mobile solution that enables the leverage of cross-agency and NGO resources to deliver the right services to individuals in need faster and more efficiently while providing government leaders with the reporting and insights needed to optimize investments in programs.

MAPPING WITH GEO-FENCING

One of the innovative features of NAVApp is the encampment mapping feature and proprietary risk rating. Showing not just points on a map, but the area the encampment as well as the need to address based upon evidence-based risk scoring. This enables real-time visual mapping of encampments, as well as data-driven tracking and mapping of outcomes by population such as Migrants coming into the State.

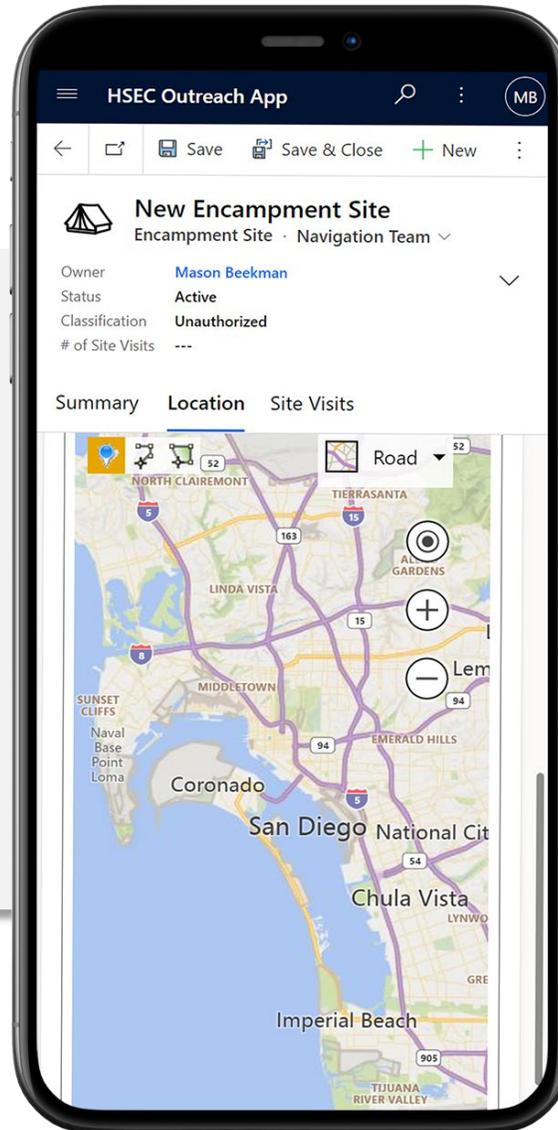
Encampment Creation

Learn how to create new Encampment Sites within the outreach App!



Mapping Features

Become familiar with the mapping features.



Contact Records

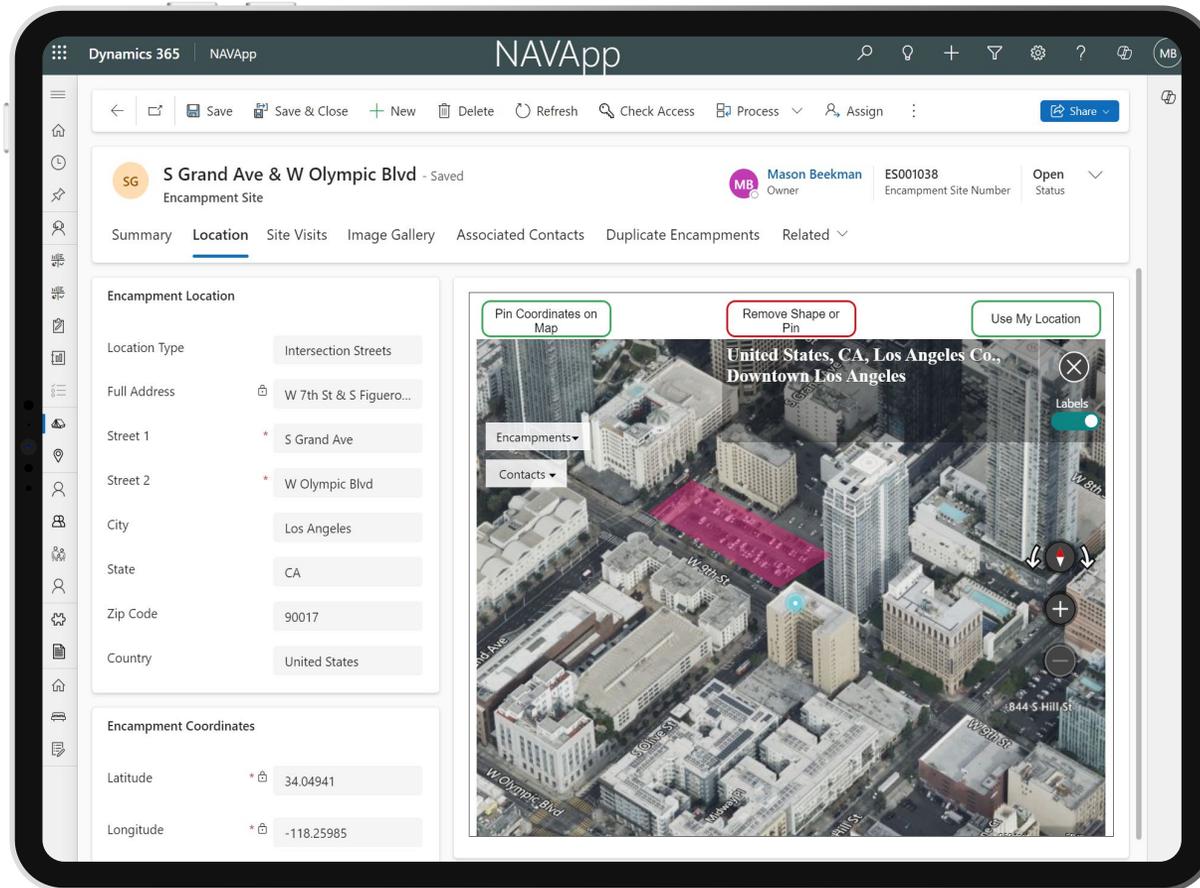
Create client records and collect information to enable better outreach.



Engagement & Services

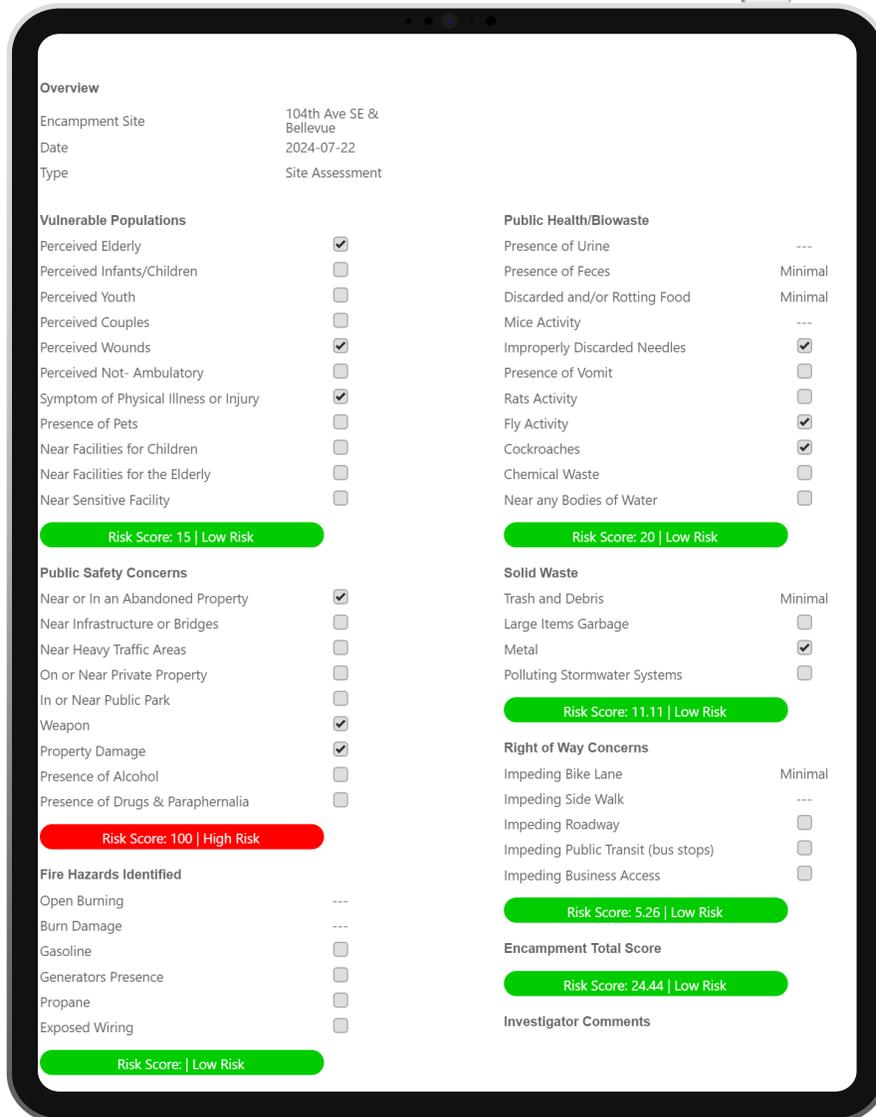
Log engagements and services requested for clients while in the field.





Site Management

- Track site characteristics, location, population, activities, images, community reports, associated individuals, and a timeline of actions taken.
 - NAVApp will automatically generate coordinates based on intersections streets, full address, or user location.
 - GIS layers can easily be integrated or built in house to generate specific zone reporting based on KPIs.
-  Advanced mapping allows users to draw site borders, enable mapping layers, and provide key data metrics.



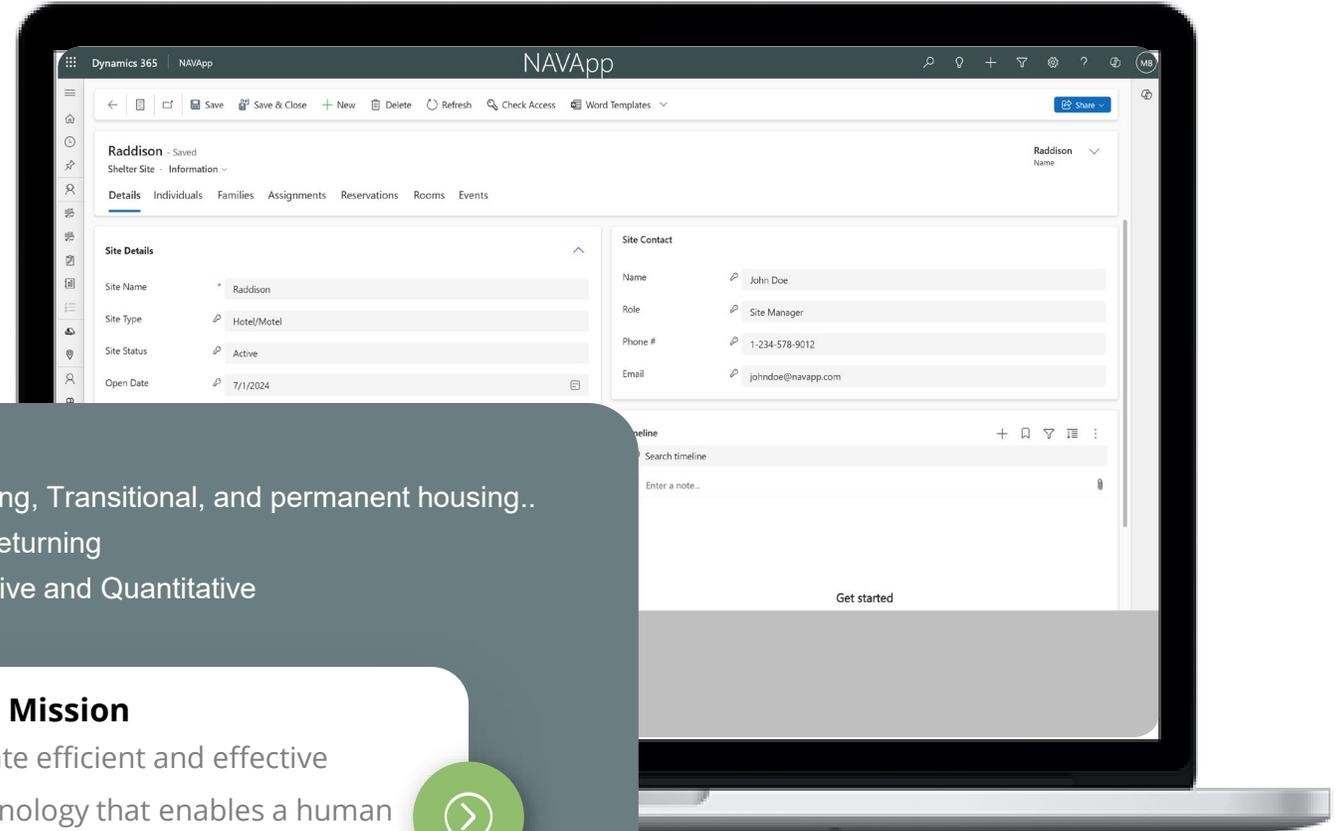
Risk Scoring

- Site Assessment – Generate site risk scores by capturing site characteristics.
- Risk scoring can help prioritize site urgency and better understand what actions are needed.
- Provides outreach worker the ability to escalate at risk individuals are prioritize referrals and services.

● Improving the human condition

Housing

Bed Management



- NAVApp's Bed Management :From initial intake, temporary housing, Transitional, and permanent housing..
- System/Process management. : Inflow, Exits, Length of Stay, % returning
- Street Outreach, diversity alignment, coordinated entry,...Qualitative and Quantitative

Our Vision

Well-Being outcomes begin with care coordination, and collaboration, improving the human condition in each community we serve



Our Mission

Create efficient and effective technology that enables a human centered approach for each engagement, for each outcome



Intake

Reporting

Reports

People

Families

Individuals

Forms

ETO Corrections

Case Action

Certifications

Housing

Shelter Sites

Rooms

Reservations

Organizations

Organizations

Services

Go back Save Save & Close + New

New Family

Mason Beekman Owner

Details Re-Housing Individuals Certifications Reservations Room Stabilization Services

Family Details

Family ID

Family Name *

Total Individuals

Last updated: Not Available

Current Shelter Site

Head of Household Participant Enterprise Identifier

Head of Household First Name

Head of Household Last Name

Head of Household DOB

Isolation

Currently Isolating No

Isolation Location

Isolation Start Date

Isolation End Date

Legal and Arrivals

Port of entry into USA

Date arrived in USA

Date arrived in MA

Method of transportation

Intake : Highly Configurable

The screenshot displays a software interface for managing a 'New Family'. The left sidebar contains navigation options: Reporting, Reports, People, Families (selected), Individuals, Forms, ETO Corrections, Case Action, Certifications, Housing, Shelter Sites, Rooms, Reservations, Organizations, and Services. The main content area is titled 'New Family - Saved' and is owned by 'David Wade'. The 'Certifications' tab is active, showing a form for 'Future Certification Status' with the following fields:

Future Certification ID	<input type="text"/>	Future Start Date	<input type="text"/>	Future End Date	<input type="text"/>
Future Certification Status	<input type="text"/>	Meeting with Case Manager #1	<input type="text"/>	Meeting with Case Manager #2	<input type="text"/>
Future Requirements due	<input type="text"/>	Engagement Activity #1 Status	<input type="text"/>	Engagement Activity #2	<input type="text"/>
Engagement Activity #1	<input type="text"/>	Engagement Activity #3	<input type="text"/>	Engagement Activity #3 Status	<input type="text"/>
Engagement Activity #2 Status	<input type="text"/>	Engagement Activity #4 Status	<input type="text"/>	Single- Parent Household	<input type="checkbox"/> No
Engagement Activity #4	<input type="text"/>	Engagement Activity #5 Status	<input type="text"/>	Engagement Activity #6	<input type="text"/>
Engagement Activity #5	<input type="text"/>	Engagement Activity #7	<input type="text"/>	Engagement Activity #7 Status	<input type="text"/>
Engagement Activity #6 Status	<input type="text"/>	Engagement Activity #8 Status	<input type="text"/>		
Engagement Activity #8	<input type="text"/>				

Configurable Application Forms Processing

The screenshot displays a web application interface for case management. On the left is a sidebar with navigation categories: Reporting, People, Forms, Housing, and Organizations. The main content area features a top toolbar with actions like Save, Save & Close, New, Delete Case Action, Refresh, Check Access, Word Templates, Run Report, and Share. Below the toolbar, the case title 'CA1120 - Saved' is shown, along with user information for Kenya Mathis (Individual) and Test Organization (Refugee Legal Service Participant). The 'Case Action' field is currently set to 'Asylum Application Filed'. A dropdown menu is open, showing a list of configurable actions: Asylum Application Filed (checked), Asylum-Based EAD Filed, Change of Address (Court), Change of Address (USCIS), Change of Immigration Court Venue, Court Date Preparation/Friend of Court, and Full Legal Intake.

Reporting

- Reports

People

- Families
- Individuals

Forms

- ETO Corrections
- Case Action**
- Certifications

Housing

- Shelter Sites
- Rooms
- Reservations

Organizations

- Organizations
- Services

CA1120 - Saved

Case

Kenya Mathis Individual | Asylum Application Filed Case Action: | Test Organization Refugee Legal Service Participant | Mason Beekman Owner

Details Related

Case Action Details

Case ID	CA1085
Individual	Kenya Mathis
Case Action:	Asylum Application Filed
Refugee Legal Service Participant	Asylum Application Filed
Date	

- Asylum Application Filed
- Asylum-Based EAD Filed
- Change of Address (Court)
- Change of Address (USCIS)
- Change of Immigration Court Venue
- Court Date Preparation/Friend of Court
- Full Legal Intake

Housing Inventory Management

The screenshot displays the 'Interagency Emergency Data Manager' interface. The top navigation bar includes a search bar, a user profile icon (MB), and various utility icons. A secondary toolbar contains options like 'Focused view', 'Show Chart', 'New', 'Delete Shelter Site', 'Refresh', 'Visualize this view', 'Email a Link', and 'Share'. The main content area is titled 'All Shelter Sites' and features a table with columns for Site Name, Site type, Site status, Open Date, Close Date, and Created On. A sidebar on the left provides navigation for Reporting, People, Forms, Housing, and Organizations.

<input type="checkbox"/>	Site Name ↑	Site type	Site status	Open Date	Close Date	Created On
<input type="checkbox"/>	Acton Minute Man Inn	Overflow Site	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Andover Residence Inn	Overflow Site	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Arlington Homewood Suites	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Auburn La Quinta Inn	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Ayer Nashoba Valley Inn	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Bedford Plaza Hotel	Hotel/Motel	Inactive			5/29/2024 11:35 AM
<input type="checkbox"/>	Boston Charles River Inn	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Boston Ramada	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Braintree Residence Inn	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Burlington Extended Stay America	Hotel/Motel	Active			5/29/2024 11:35 AM
<input type="checkbox"/>	Cambridge Courthouse / Registry of Deeds	Overflow Site				8/9/2024 1:25 PM

Rows: 98

Power BI .. Real Time Impact and KPI's

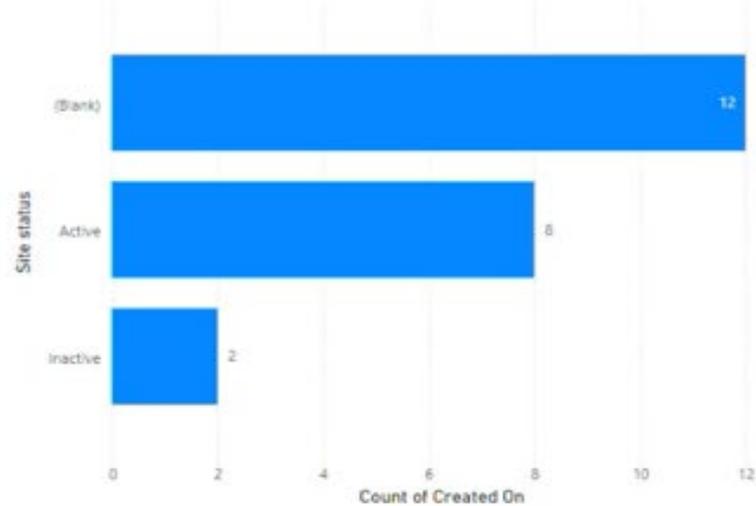
Power BI

Save Show data table Learn more

Quick summary
All Shelter Sites

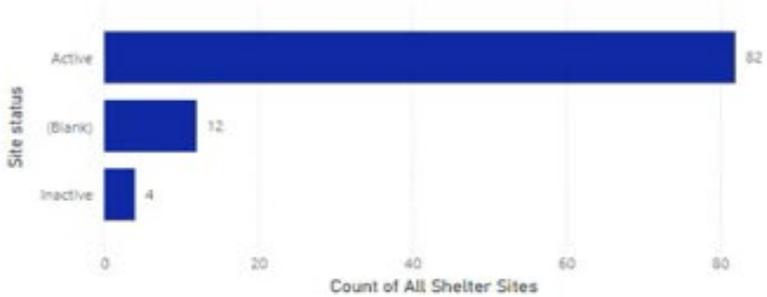
20 Count of Created On 98 Count of All Shelter Sites 97 Count of Site Name 5 Count of Open Date

Count of Created On by Site status

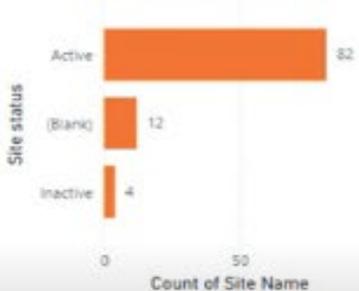


At 12, had the highest Count of Created On and was 500.00% higher than Inactive, which had the lowest Count of Created On at 2.
had the highest Count of Created On at 12, followed by Active at 8 and Inactive at 2.
had 12 Count of Created On, Active had 8, and Inactive had 2.

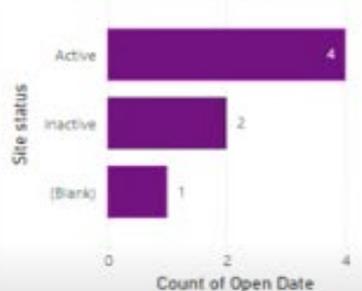
Count of All Shelter Sites by Site status



Count of Site Name by Site status



Count of Open Date by Site status



Your data

Search

All Shelter Sites

- Count of rows
- Close Date
- Created On
- Open Date
- Site Name
- Site status
- Site type



REVTECH

Navigating the Path Forward



navapp

PEOPLE | PERFORMANCE | PURPOSE

REVTECH

Thank You!

Q&A

