ProArch Data Portal

A cost-effective, automated and secure way to share reports and analytics with your colleagues or external parties like customers, affiliates and partners. ProArch's Data Portal deploys a brandable web portal that provides a layer of enriched functionality over the industry-leading Microsoft PowerBI toolset by allowing external parties to connect in and see reports and visualizations tailored to their profile. ProArch provides several layers of security to help ensure data is never shared with the wrong people.

Connect in users from other organizations using their business accounts for sign in, and/or enable social accounts like Google, Microsoft, LinkedIn, etc.) to broaden your reach.

Challenges

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Building and evolving meaningful insights for customers can be tedious and expensive

Often organizations use low level web development tools to custom build charts and other simple analytics in to their web sites to share with their 3rd parties (customers, members, affiliates, etc) which often need software developers to make even the smallest of changes.

Alternatives to this approach include using off the shelf solutions which are inflexible, hard to use, have limited configuration and/or provide little interactivity.

Modern capabilities are hard to leverage for external access

Many modern business analytics tools like PowerBI or Tableau have impressive interactive capabilities but don't offer easy, cost effective ways of sharing those reports outside of an organization. They embed well in to Teams and SharePoint but don't offer a good story for external users that you don't want to invite in to your organization.
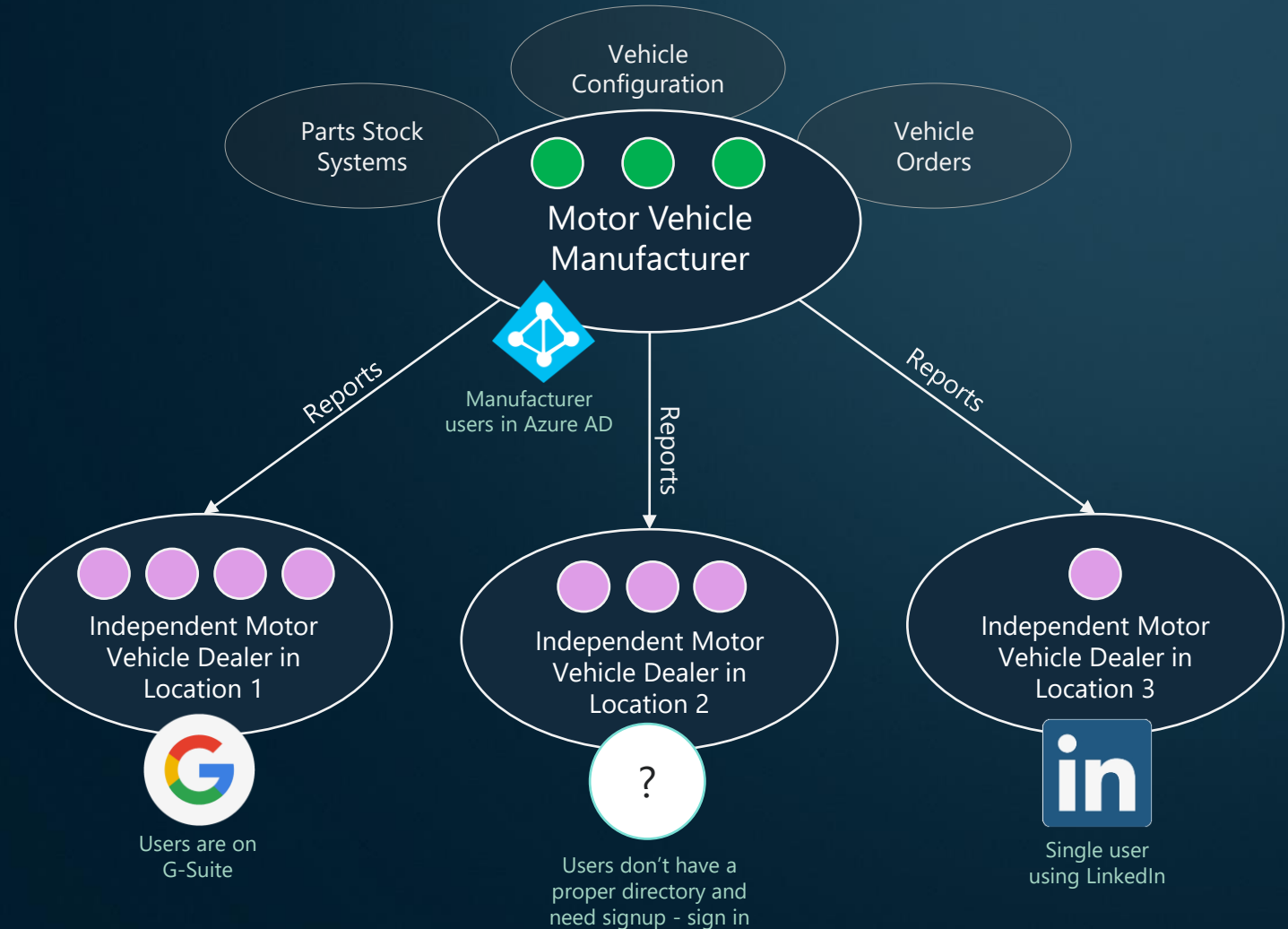
ProArch's Data Portal combines the user experience and agility of rich PowerBI reports with deep integration into a secure, managed external facing portal that can be linked to several sign in systems allowing organizations can build/change and deploy reports without having to involve software developers.

Example Scenario

A vehicle manufacturer looking to share reports with independent dealerships

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Possible Reports

- Order history
- Parts inventory
- Vehicle lead times
- Up to date pricing

Parts Stock Systems

Vehicle Configuration

Vehicle Orders

Motor Vehicle Manufacturer

Manufacturer users in Azure AD

Reports

Reports

Reports

Independent Motor Vehicle Dealer in Location 1

Users are on G-Suite

Independent Motor Vehicle Dealer in Location 2

?

Users don't have a proper directory and need signup - sign in

Independent Motor Vehicle Dealer in Location 3

Single user using LinkedIn

Legend

● Manufacturer BI/Analytics team

● Dealer Employees

Demo

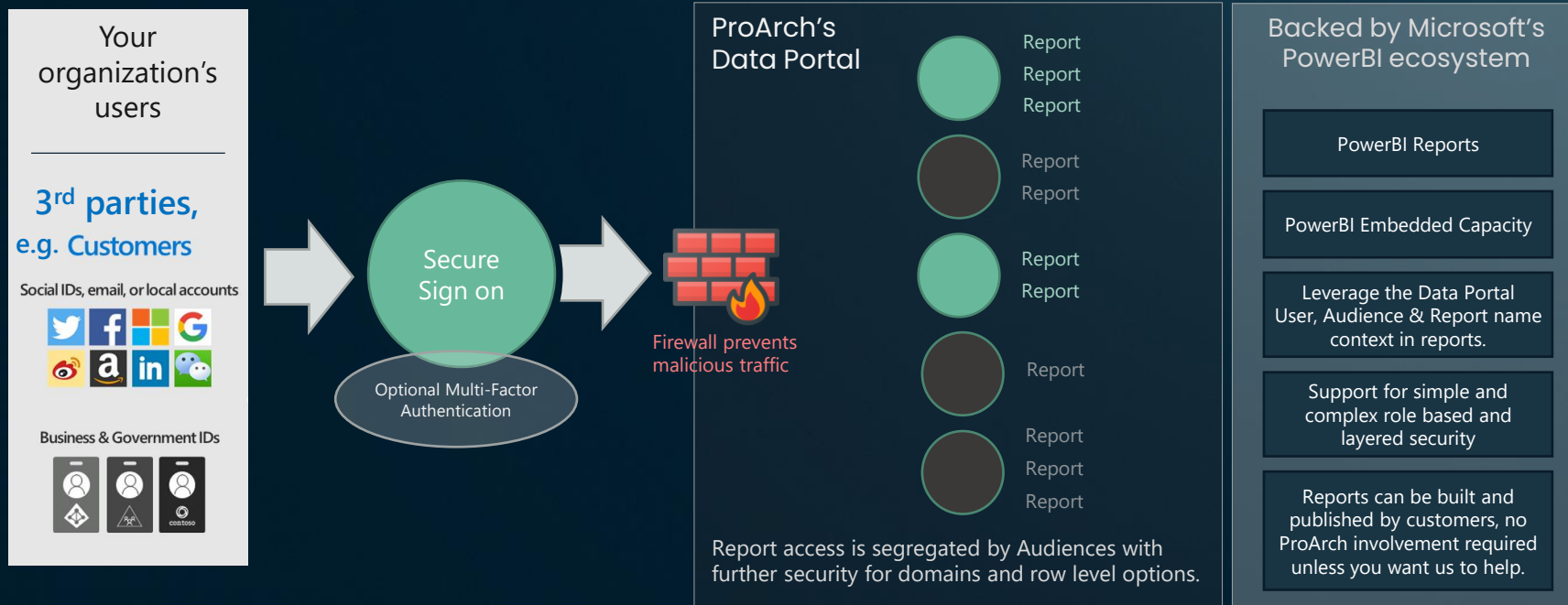**Portal**:
Set up audiences and reports

View Reports:
Render reports based on the portal's security context

Admin and settings:
Apply branding, manage users, lock down security

Features

ProArch's Data Portal enables organizations to

- Rapidly deploy a web portal for sharing reports and analytics securely with your organization and external parties

  (External parties may include your customers, partners, affiliates, members, etc.)

- Configure groups of users as audiences and set up advanced security

- Build and share reports cost effectively for high user count scenarios

- Build and share reports in organizations that do not use Microsoft Azure Active Directory identities

- Build and share reports with people that need an identity (login) created for them

- Use the industry leading Microsoft PowerBI toolset to build your insights and reports

- Leverage multiple layers of security to ensure your data is never shared with the wrong people

- Provides auditing, logging and is pen tested regularly

Your organization's users

3rd parties, e.g. Customers

Social IDs, email, or local accounts

Business & Government IDs

Secure Sign on

Optional Multi-Factor Authentication

Firewall prevents malicious traffic

ProArch's Data Portal

Report
Report
Report

Report
Report

Report
Report

Report

Report
Report
Report

Report access is segregated by Audiences with further security for domains and row level options.

Backed by Microsoft's PowerBI ecosystem

PowerBI Reports

PowerBI Embedded Capacity

Leverage the Data Portal User, Audience & Report name context in reports.

Support for simple and complex role based and layered security

Reports can be built and published by customers, no ProArch involvement required unless you want us to help.

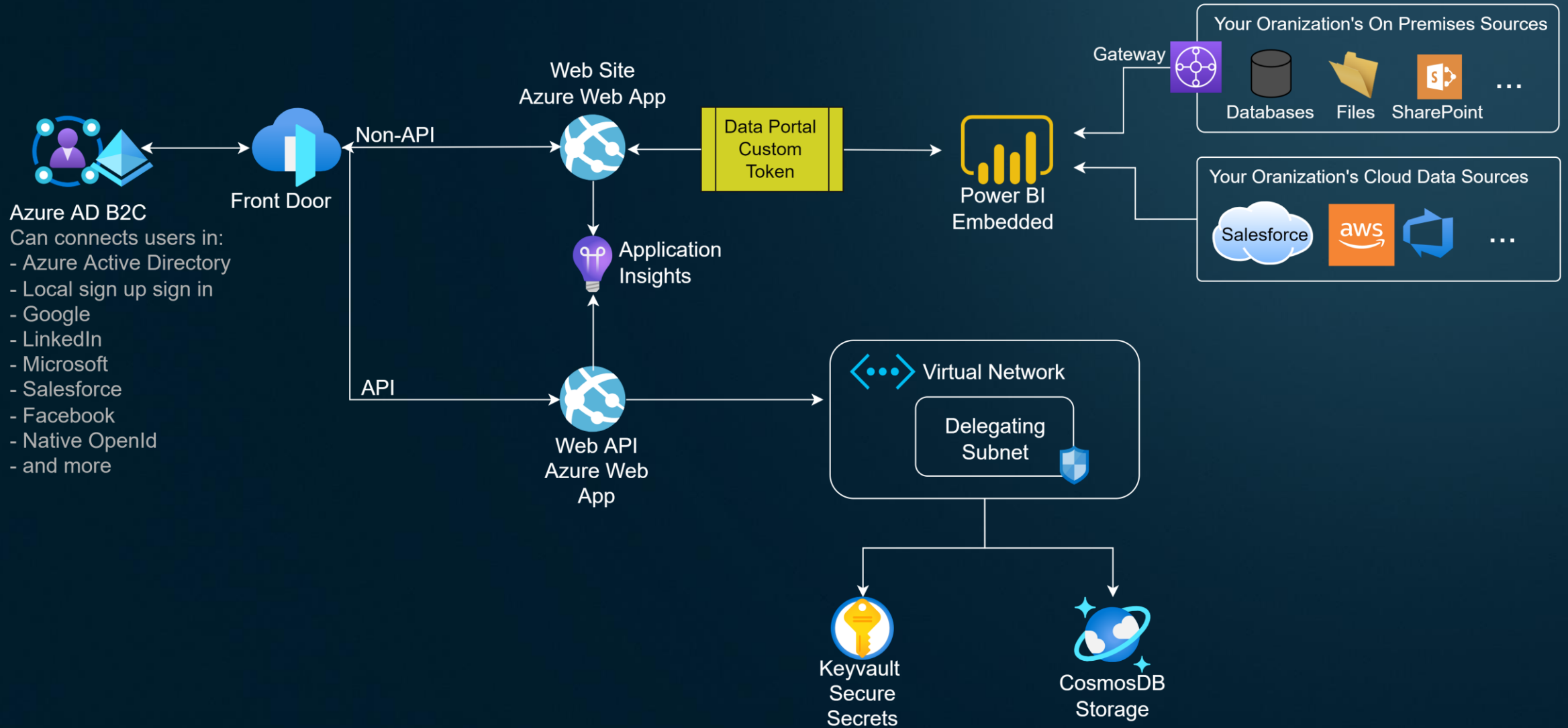# How ProArch Helps

Base Package

- Deploy the Portal in a private Azure instance (subscription) for your organization
- Set up and configure identities (access) for your internal employees and third parties
- Onboard initial users in to the Data Portal
- Deploy a sample set of reports and audiences and train users on how to leverage the security features
- Help customers take their first report live
- Provide a Managed Service to monitor and evergreen the Data Portal
- Provide a Managed Service to alert, respond and respond to security, availability and cost thresholds

Optionally

- Assist in building reports and data models if required
- Consider feature requests to enhance the portal functionality with new functionality
- Assist with set up, configuration, optimization or security of your PowerBI environment

Architecture

Built on Elastic, Scalable, Secure
Microsoft Azure Cloud Architecture

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