Microsoft Power Platform
CONFERENCE

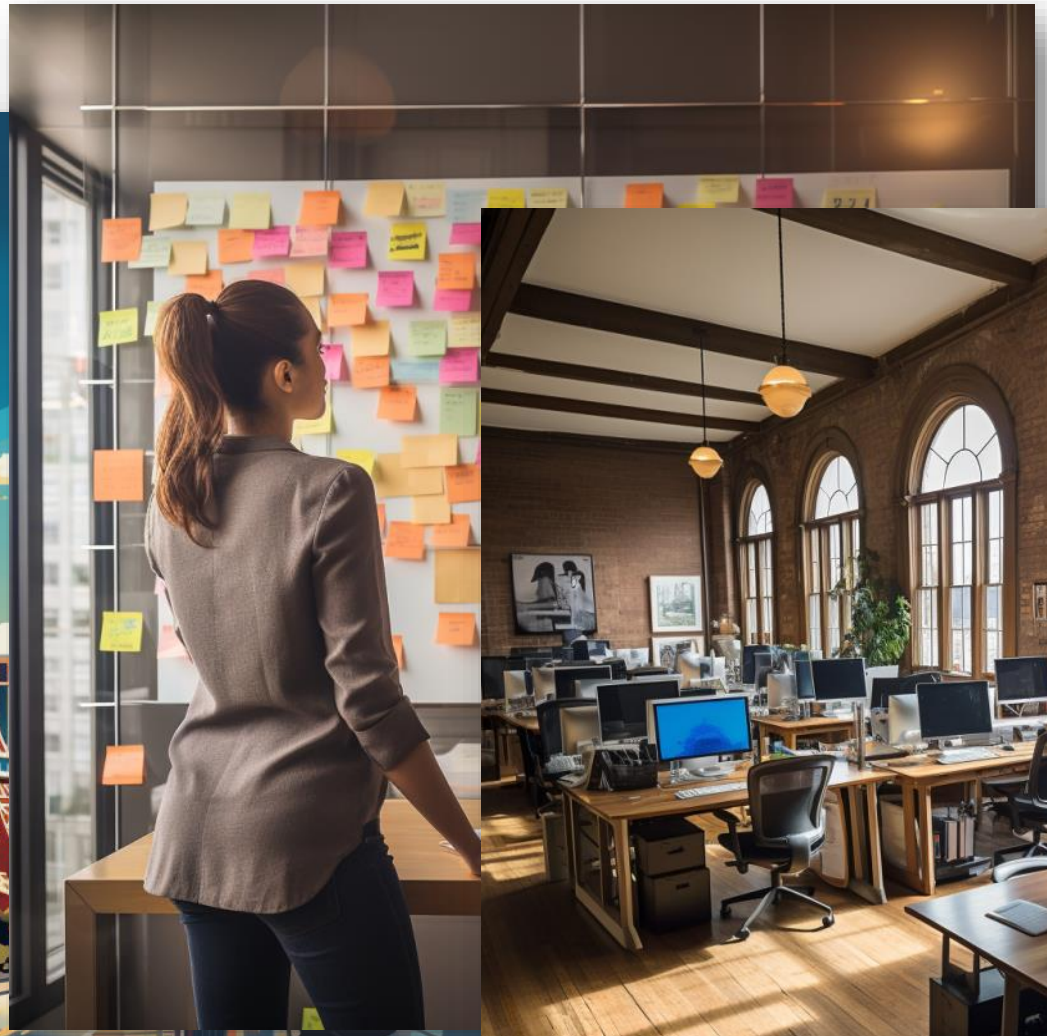
Unleashing Business Value Through Fusion Development and the Microsoft Power Platform

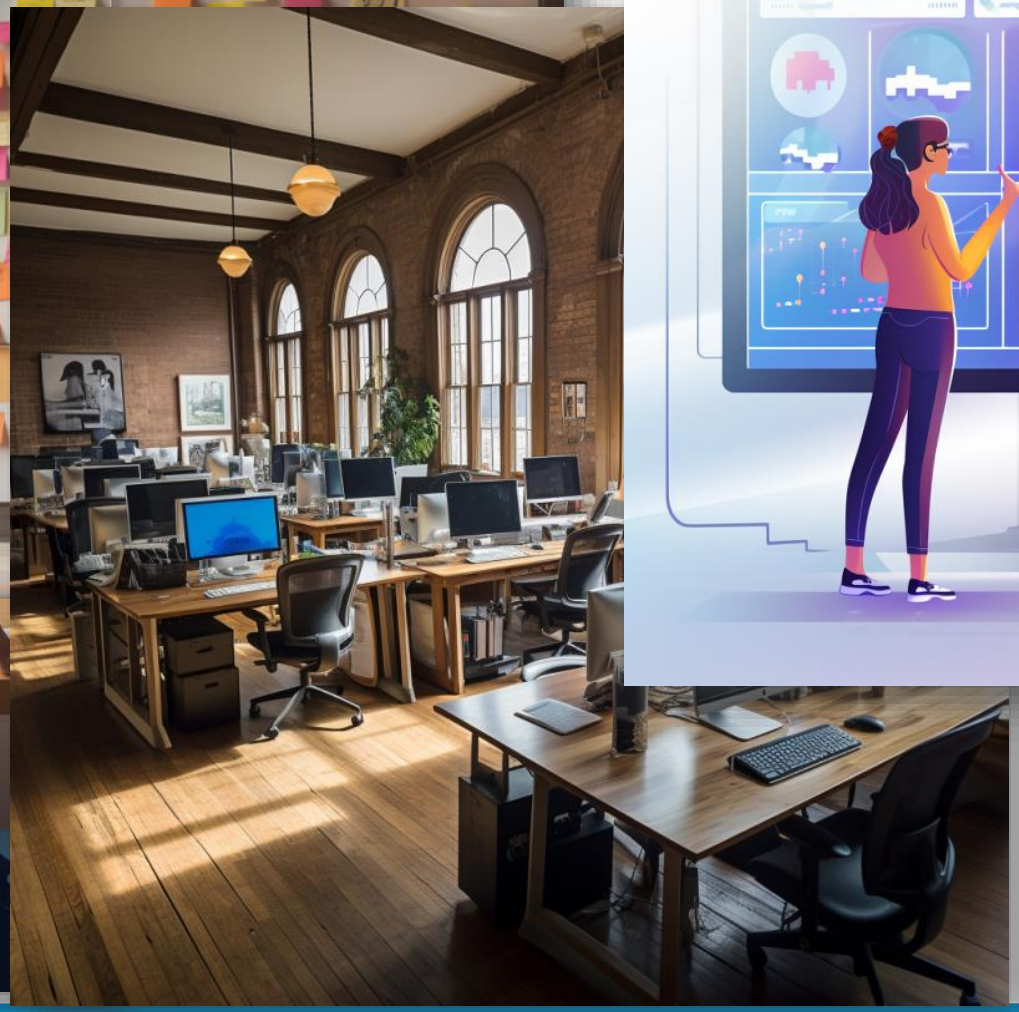
Seth T. Bacon

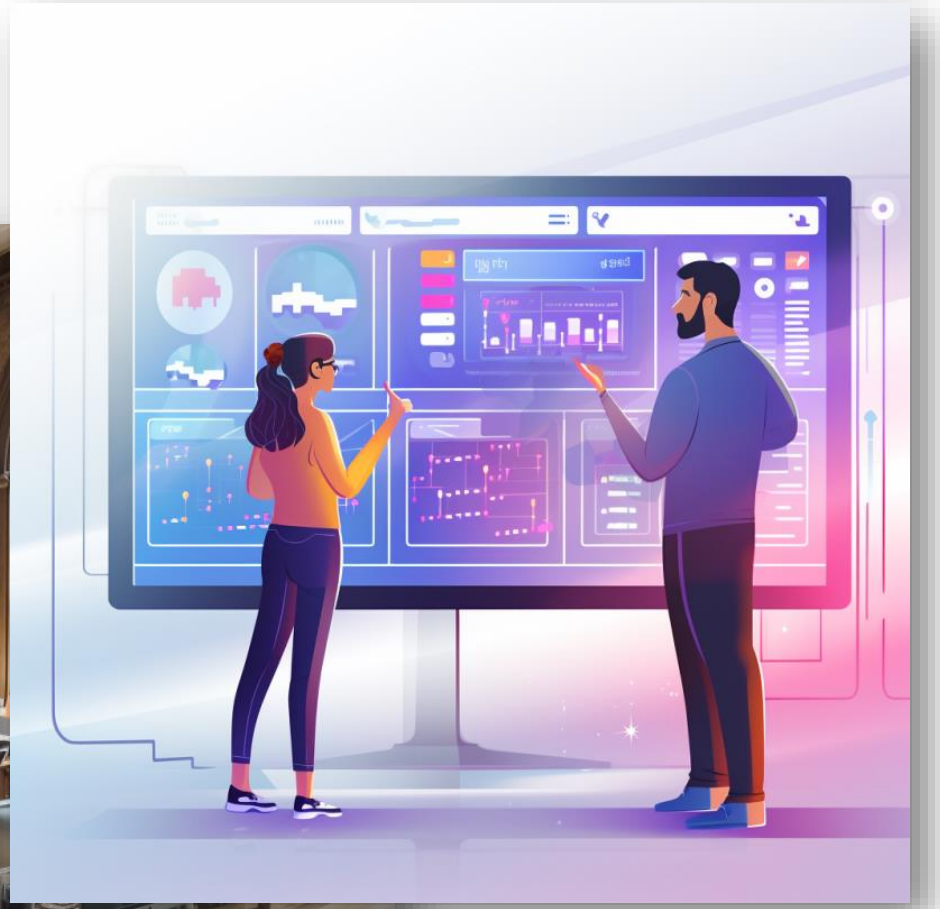
Simon Chan

RSM

State of change







Founded in

1926

- Audit & Accounting
- Tax
- Consulting

98
Cities in North America

$3.3B
in Revenue

14,700
Professionals in North America

5th
Largest Global Accounting Firm

Only 1
of the Big 5 focused on the Middle Market

27,000
Clients in US Alone

Globally

More than **120** countries

51,000 professionals

860 offices

$7.26B in combined fees

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Principal, Power Factory

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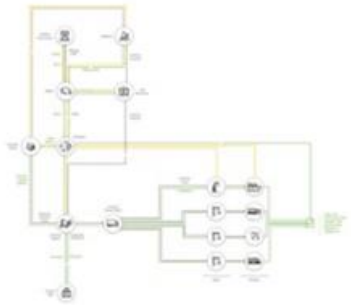
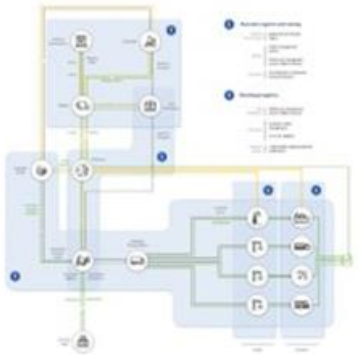
Microsoft® MVP Most Valuable Professional

BLUEPRINTING AND BUSINESS SYSTEMS DESIGN METHODOLOGY





Value Network

Represents the social, financial and technical relationships between organizations and how they are utilized.

Gives a broad vision of the industry players, their value propositions, and potential improvements that can be made using digital technologies.

Market Opportunities

Represents the connected clusters (potential markets) of the organizations that can benefit from the improvements founded using value network analysis.

Gives an understanding of the scopes, priorities and market volume for a particular digital solutions.

Business Scenarios

Represents the set of business activities, aimed to produce an element from the value proposition for a particular organization. Visualizes business capabilities required to support each step within the process and outcomes of their interaction with each other.

Serves as a baseline for information architecture creation and functional capabilities list.

Functional Capabilities Solution Architecture

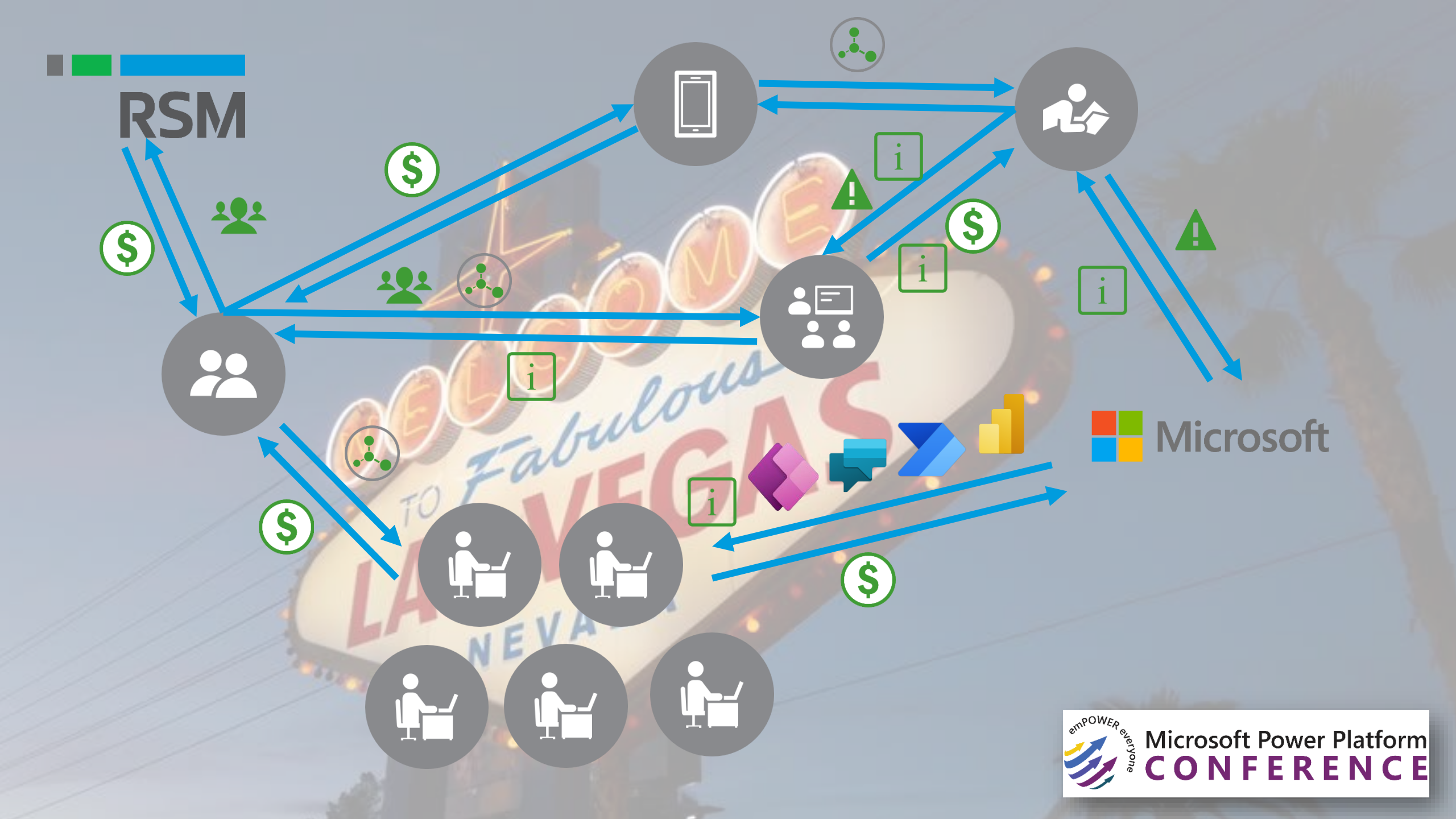
Represents a map of functional capabilities required to build a digital platform for the selected market opportunities.

Solution architecture specifies technical components and their dependencies required to support the functionality defined in the map.

Interactable App Design

Interactive mockup of the application that consists of key user interfaces, screens, and simulated functions for the selected functional capabilities.

Serves as a baseline for the visual design, initial UX feedback and the development effort evaluation.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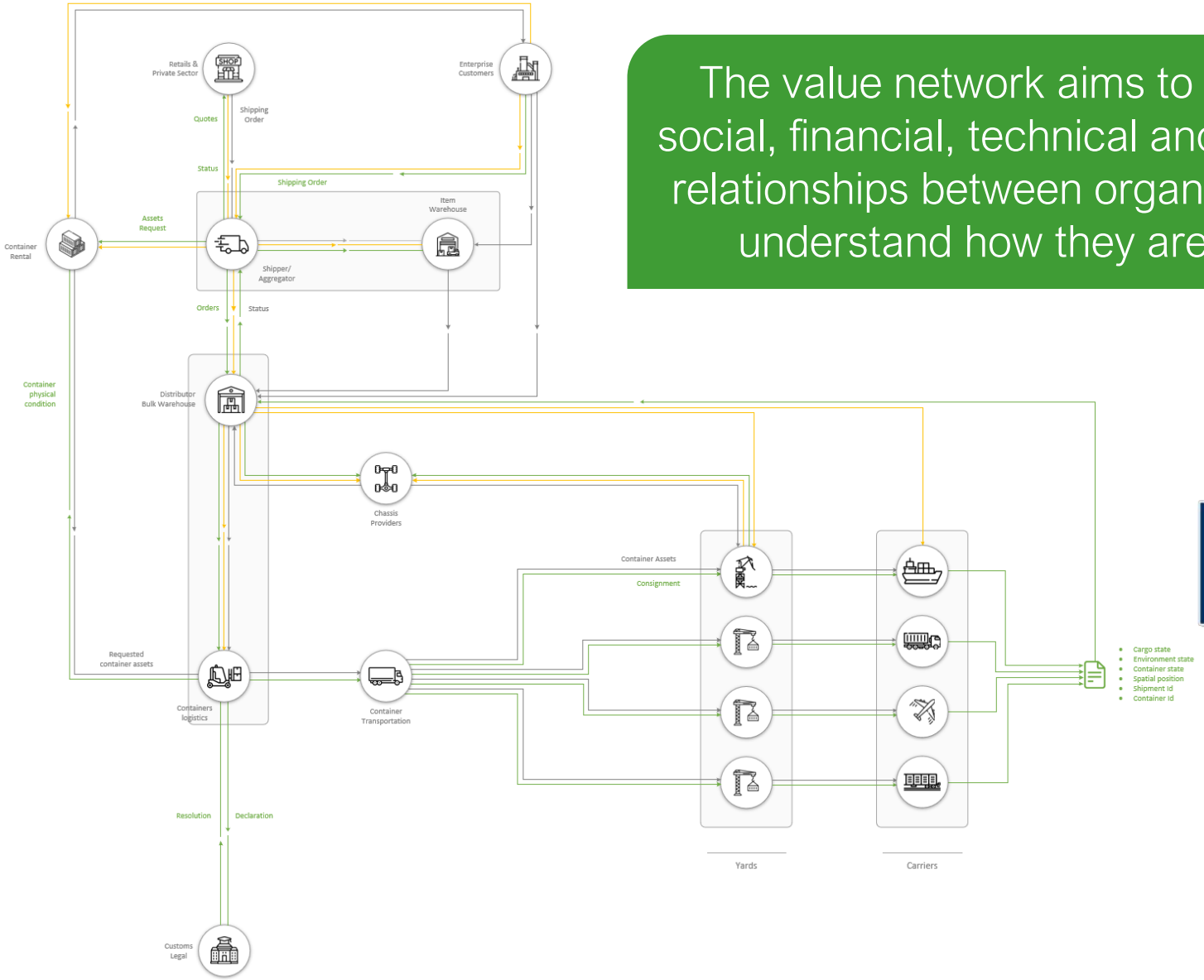
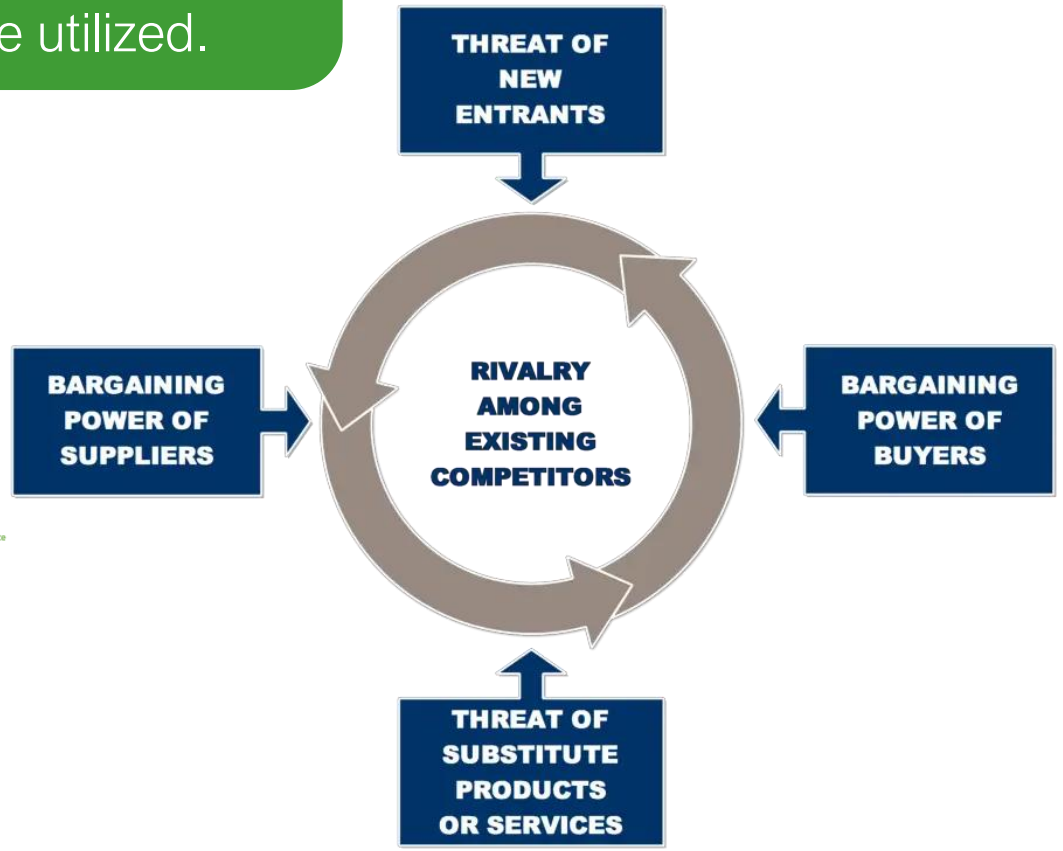
VALUE NETWORK MAP

The value network aims to outline the social, financial, technical and information relationships between organizations and understand how they are utilized.



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City of Kelowna
Microsoft
Reimagining Grants Management With Azure OpenAI Services

Project Objectives and Use Cases

Opportunity Statement

To stay on the leading edge of technology, the City of Kelowna will implement generative AI using Azure OpenAI Services and the broader Microsoft Platform to improve efficiency, decision making, and overall service quality

Generative AI: Foundational Use Cases

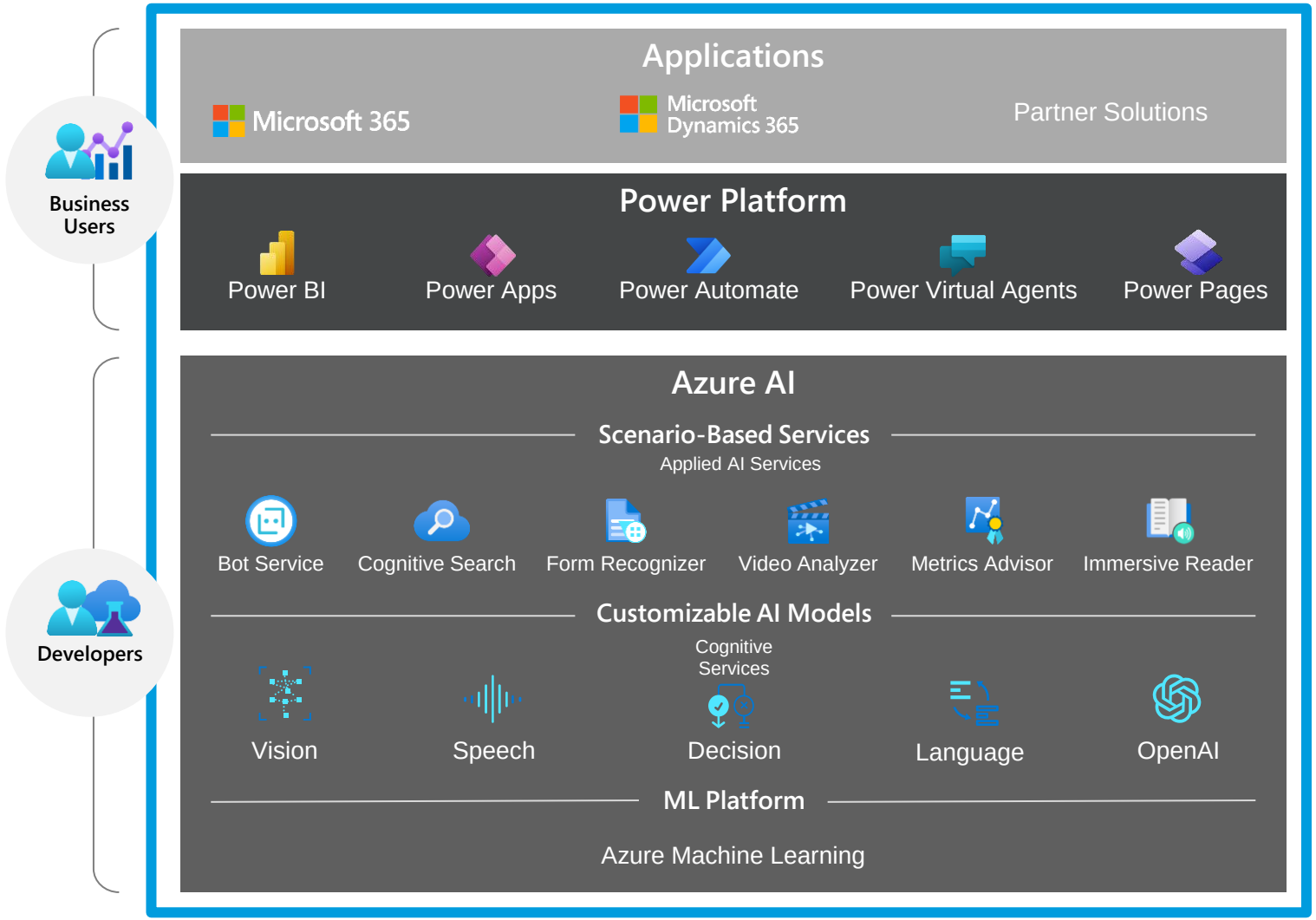
Grant Management

Team members currently do not have capacity to respond to all potential grant management opportunities.

Leveraging a generative model to develop the content would help the Kelowna team operate more efficiently

"This is unreal. We had no idea this is what the City of Kelowna Grant Management app would look like a year ago.

There are millions of dollars left on the table at City Hall because we can't respond to enough grants, this will help us address that."
–Jazz Pabla, IS Director, City of Kelowna



Fusion Development

Creating applications that combines low-code and code-first tools and the collaboration of fusion teams.

Fusion Team

A team who consist of
(1) citizen developers
(2) professional developers
(3) IT professionals
(4) front line teams
to create applications using low-code and code-first tools.

G&J pepsi

LOW-CODE PROS & CONS

PROS

RAPID DEVELOPMENT

Low-code platforms allow for quicker application development since they provide pre-built components and visual interfaces, reducing the need for manual coding

REDUCED SKILL BARRIER

Developers with limited coding experience can still create functional applications, democratizing the development process within organizations

FASTER ITERATIONS

Changes and updates can be made more rapidly due to the visual nature of low-code development, facilitating agile development practices

COST-EFFICIENT

Low-code development can be more cost-effective, as it requires fewer resources and less time compared to traditional coding

EASIER MAINTENANCE

Applications built using low-code platforms might have simplified maintenance, as updates and modifications can be made visually

CONS

LIMITED CUSTOMIZATION

Low-code platforms may not accommodate highly specialized or complex requirements, limiting customization options.

SCALABILITY CONCERNS

As applications become more complex, low-code platforms might struggle to handle scalability and performance requirements.

LACK OF OPEN STANDARDS

Users might become reliant on the specific low-code platform and face difficulties migrating to other solutions.

LESS CONTROL

Developers might have less control over the underlying code, making it harder to implement certain advanced functionalities.

SECURITY AND COMPLIANCE

Some low-code platforms could raise security and compliance concerns, especially for sensitive data or industries with strict regulations.

PROMISE OF FUSION DEVELOPMENT

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Traditional Software Development Lifecycle

SDLC

Operates big chunks of business requirements aimed to address strategic level demands

Optimized for longer development cycle including all the development activities each sprint, which is usually 2-4 weeks long.

CoE and Governance

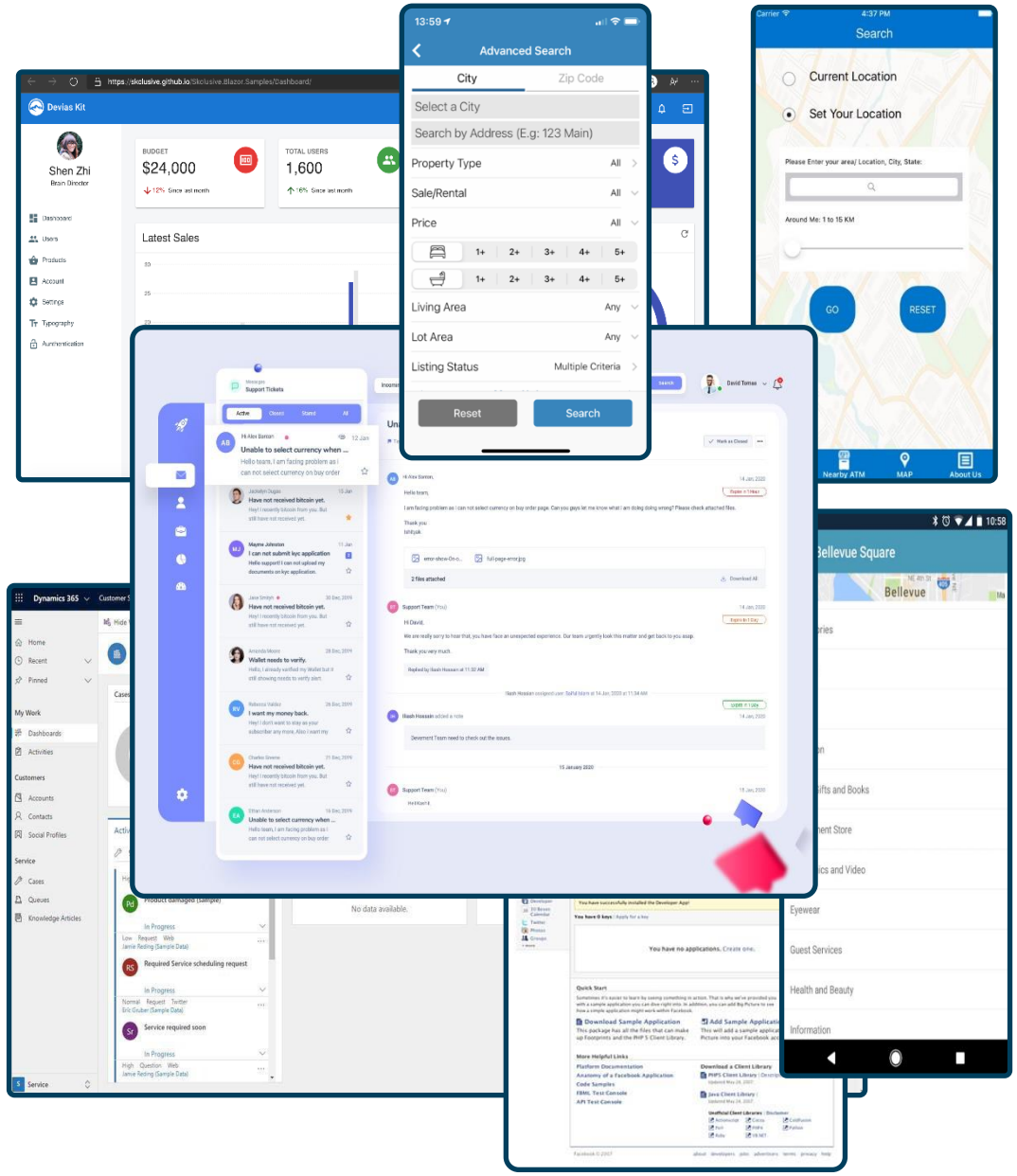
ALM

Low-Code Application Lifecycle Management

Operates small scope of business requirements aimed to address specific business objective or task.

Assumes rocket fast development-testing iterations, sometimes several updates per day for small applications.

Designed to work in extremely small teams of people.



Design Ideology

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