

Enabling a City Council to  
**Seamlessly Migrate**  
its Critical Business Applications to  
**Microsoft Azure Government Cloud**



Founded in 1777, our customer is the largest city council in Northern California. It governs an area with an approximate population of over 2 million citizens. The Fire and Police departments of the city are essential arms for the city council. It protects the lives of citizens with its fast response during fire breakouts and crime incidents. The efficiency of these two departments is pivotal to the city council's goal of protecting the well-being of all citizens.

## Demand for Migration

To optimize the administrative operations and increase the vigilance of the Fire and Police departments, the city council relied on an enterprise BI application built on Microsoft Azure Commercial Cloud using the Microsoft applications stack (Azure Synapse Analytics, Azure Data Factory, SSIS, Power BI). The application enabled users to consolidate and visualize data from multiple systems to derive valuable insights. It also delivered comprehensive and real-time reporting on patrol officers and firefighters. However, in addition to efficiency, the city council also sought to protect citizen data, applications, and hardware.

Working closely with the city council's leadership, the IT team planned to transition application workloads from Microsoft Azure Commercial Cloud to a Microsoft Azure Government Cloud environment. The Azure Government cloud environment is built to deliver the highest compliance requirements. Therefore, all the components in the commercial cloud had to be moved to the government cloud (from ADF V1 to ADF V2) without changing any functionalities, business rules, and schedulers.

Consequently, the IT leadership sought a technology partner with experience in Microsoft products and knowledge in migrating applications to the cloud. Given AgreeYa's previous association with the city council and expertise in transitioning government services to other platforms, the leadership approached us for a viable solution.

“Microsoft announced Azure Data Factory version 1 will depreciate after 31 August 2023. Therefore, we wanted to swiftly migrate all our data and applications to a better yet secure technology environment.”

*Project Manager, The City Council*

# When Tech Meets Human Ingenuity

After in-depth discussions with the leadership and a detailed assessment of their existing cloud environment, our Microsoft experts suggested utilizing the migration tool provided by Microsoft to ensure a successful migration to the government cloud. Our experts engaged with the city council's IT team and agreed on an engagement model wherein we delivered the following services:

Migrated and configured the resources seamlessly from Commercial Cloud to Government Cloud environment.

Applied governance and enabled security on Government cloud for migrated resources.

Re-configured Power BI reports generated by the enterprise applications.

Trained technical support staff for customization and professional services.

Provided 24X5 support to customers with well-trained, dedicated staff.



During our engagement, the AgreeYa team adopted a multi-phase approach to migrate all the components. Our project deliverables were delivered in 4 phases.

## Phase 1

ADF V2 environment set up for progressive deployment and migration of PD CAD module.

## Phase 2

Migration of FD CAD and RMS Modules.

## Phase 3

Migration and environment set up of FireHouse modules.

## Phase 3

UAT testing, PROD test, and Switch over all the Power BI reports from ADF V1 to V2 connection settings and test all the reports.

After successfully migrating the technology infrastructure to the Azure Government cloud environment, our experts conducted training and workshops for the customer and the end-users to ensure they could seamlessly leverage the new cloud environment.



# Maximizing Azure Government Cloud ROI

AgreeYa's expertise as a trusted Cloud Solutions Provider (CSP) helped the city council to migrate the application and other components from the Commercial Cloud to the Government Cloud, creating a state-of-the-art Azure BI architecture., i.e., from ADF V1 to ADF V2, within a time span of 10 weeks. Some of the discernible benefits for the customer include:

Migrated the Azure infrastructure and applications without causing any business disruptions

Optimized costs and reduced expenses related to the maintenance of IT infrastructure

Improved data-driven culture in the organizations by providing Power BI reports that are visually appealing and could be easily understood by non-technical users

Ensured compliance with relevant security standards

Safeguarded the data and applications with proper backup, recovery, and failover provisions

Simplified management and monitoring of the applications

“Our partnership with AgreeYa has proved to be an astute decision. From migrating voluminous data and applications to ensuring smooth adoption of the Government Cloud, the team has consistently demonstrated tremendous expertise in the area.”

*Project Manager, The City Council*

## Technology Stack



Azure Data Warehouse



Azure Data Factory



Azure Key Vault



Power BI



Microsoft Visual Studio



Git HUB



Informatica



Crystal Reports



Microsoft Access

# About AgreeYa

AgreeYa Solutions is a leading global provider of software, solutions, and services to global Fortune 100, medium, and small organizations. Founded in 1999 and headquartered in Folsom, Calif., AgreeYa has over 2,200 professionals helping clients across US, India, EMEA and Mexico, in their digital journey. Leveraging our technology enabled, consultative approach, and diverse talent, we serve clients across various industries to meet changing market conditions, stimulate growth, optimize costs, and create lasting value. Our solutions around modern workplace, smart analytics, intelligent automation, AI/ML, cloud transformation, mobility, and talent management deliver value of digital transformation for our clients. AgreeYa has received considerable recognition in the industry for its technology leadership, quality processes, employee best practices, customer success, and giving back to the community. Some key recognitions include certifications like Microsoft Legacy Gold Partner and Cloud Solutions Provider; AICPA SOC 2 Type 2, SEI CMMI, and ISO 9001:2015; and awards including Dream Company to Work for, and Best Employer Brand.



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