AGREEYA®

Advancing Wastewater
Facility Management Through
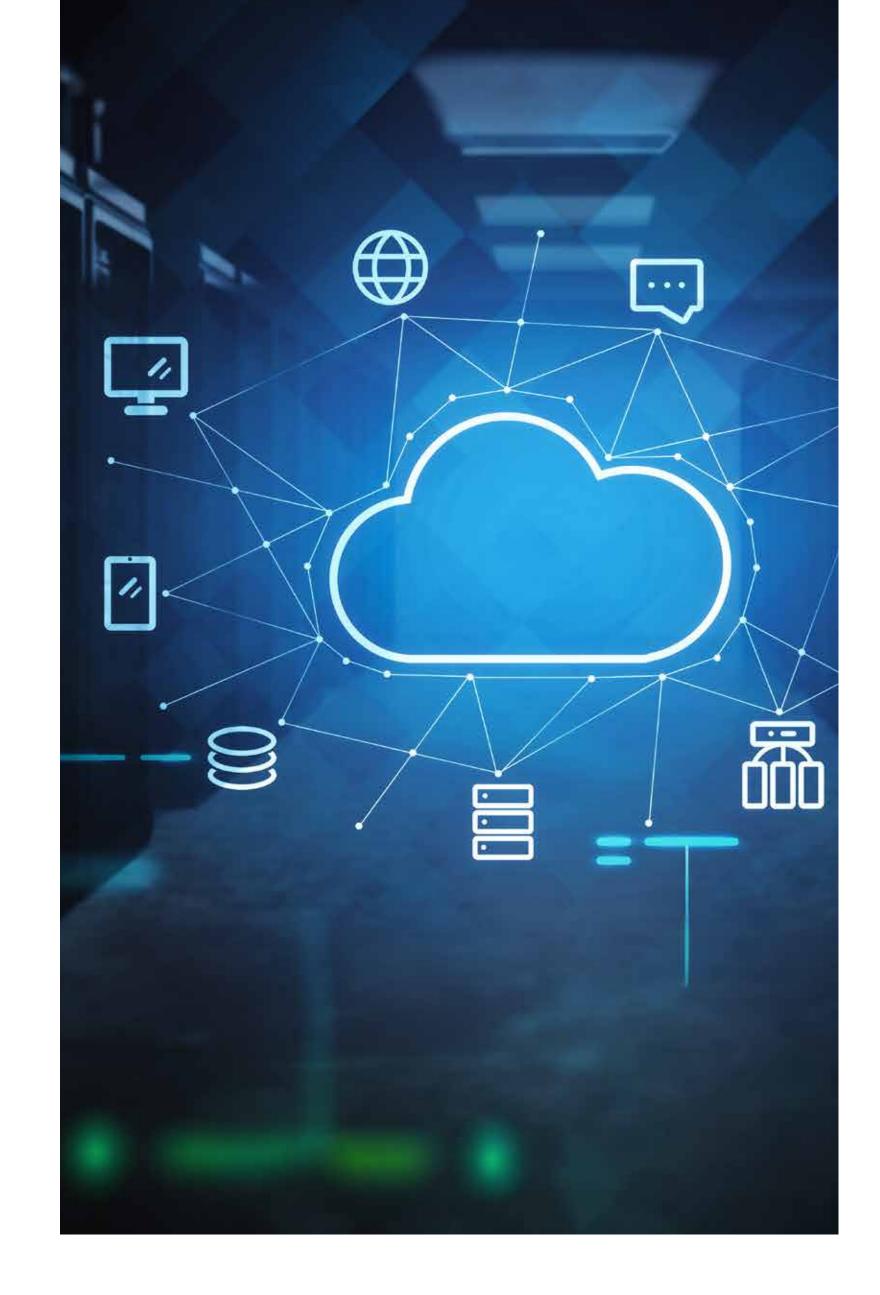an Intuitive
**Cloud-based
Intranet**

Operating in the heart of California's Silicon Valley, our customer is one of the largest wastewater treatment facilities. Running round-the-clock, it serves over 1.4 million residents and 17,000 businesses across eight cities and four sanitation districts. Using an intricate treatment process that simulates how nature purifies water, the organization plays a crucial role in protecting public health, safeguarding the environment, and supporting the economy. The vastness of this operation necessitated a centralized system to effectively manage, track, and report the progress of various Capital Improvement Program (CIP) projects

Overcoming Challenges with Obsolete Technology

Over the past two decades, the organization utilized a SharePoint 2013-based Portal to oversee the CIP projects. Despite the periodic upgrades to maintain functionality, the system was proving inefficient, and the users faced numerous issues. The outdated, non-interactive portal interface was hard to use and dampened the user experience. Security and accessibility challenges made it arduous for authorized personnel to utilize the platform to its complete potential. Further, logical errors in the QlikView reporting module complicated data interpretation, rendering the tool unreliable and problematic. Other Microsoft-based reporting tools, including KPI scorecards and dashboards, were underleveraged due to these persistent accessibility issues.

Recognizing these mounting inefficiencies and the necessity for a modern, user-friendly solution, the facility managers decided to modernize the CIP portal. The aim was to embrace a more robust and leading-edge platform that could alleviate the security and accessibility concerns, introduce an engaging and interactive interface, and deliver reliable, intuitive reporting tools.

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Phased Approach to Modernize the Portal

As a Microsoft Solutions Partner, AgreeYa has been helping numerous organizations transform their workplace experiences by leveraging SharePoint and Microsoft 365 technologies. Our solutions and services have ensured seamless migrations from SharePoint on-premises to SharePoint Online without causing business discontinuity or data loss.

When faced with the daunting task of migrating all their SharePoint sites and site collections from the existing on-premises SharePoint 2013 setup and establishing a new Intranet on SharePoint Online, the public sector organization turned to AgreeYa for a viable solution.

To manage this complex transition, our experts proposed three phased approach using custom site templates. Our methodical approach helped ensure a seamless transition, minimize disruptions to daily operations. This transition included a comprehensive UX/UI redesign to enhance user interactivity and accessibility.

In a strategic move to improve site organization and user navigation, we implemented a flat architecture model. This model enhanced site categorization by connecting multiple site collections to hub sites. Additionally, custom web parts were recreated using AgreeYa's innovative No-code solution – QuickApps. QuickApps offered users a broader range of features and configuration options, enhancing the functionality and adaptability of the portal.

Lastly, we tackled the challenges with Qlikview reports by redeveloping them using Microsoft's Power BI tool. This not only eradicated the existing logical errors but also significantly improved the accessibility and usability of the reports.

Seamless Migration and Modernization by AgreeYa

AgreeYa's tailored solution provided a comprehensive overhaul of the existing portal, delivering an optimized, user-friendly, and modern platform that aligned perfectly with the public sector organization's evolving needs. Some of the discernable benefits include:

Increased user engagement due to improved UX/UI design and enhanced accessibility.

Improved collaboration among staff.

Enabled accurate data analytics and reporting capabilities leading to better decision-making.

Improved user experience using flat architecture for better site categorization.

Increased productivity by replacing Nintex workflows with Power Automate flows.

Enabled additional features and configuration options to enhance overall system utility and efficiency.

> "The SharePoint Online solution implemented by AgreeYa successfully addressed the challenges we faced with the old SharePoint on-premise version."
>
> \- Project Manager, Public Sector OrganizationLorem ipsum

Technology Stack

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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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