CUSTOMER SUCCESS STORY

Amazon QuickSight Embedded Analytics

CUSTOMER OVERVIEW

Born out of a vision to transform the change experience for employees and customers alike, The Change Compass is a passionate, globally-distributed team dedicated to helping organizations navigate change effectively. Our innovative solutions, rooted in addressing real-world problems, continue to evolve to meet the ever-intensifying pace of change across industrie
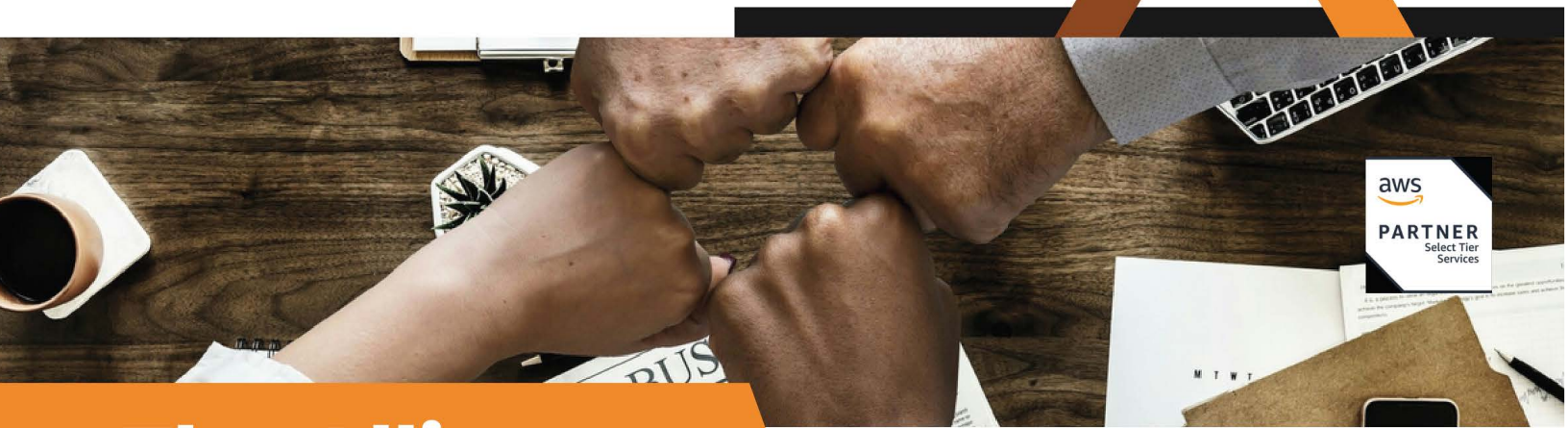
CHALLENGES

Data Privacy and Isolation: Ensuring strict segregation of each client's data within TheChangeCompass analytics product, maintaining high standards of data privacy and security.

User Role Management: Implementing a reliable system for managing diverse user roles and access permissions, including admin, reader, and manager roles.

Dynamic Dashboard Embedding: Embedding dynamic, interactive Amazon QuickSight dashboards into the product that accurately reflect real-time data changes.
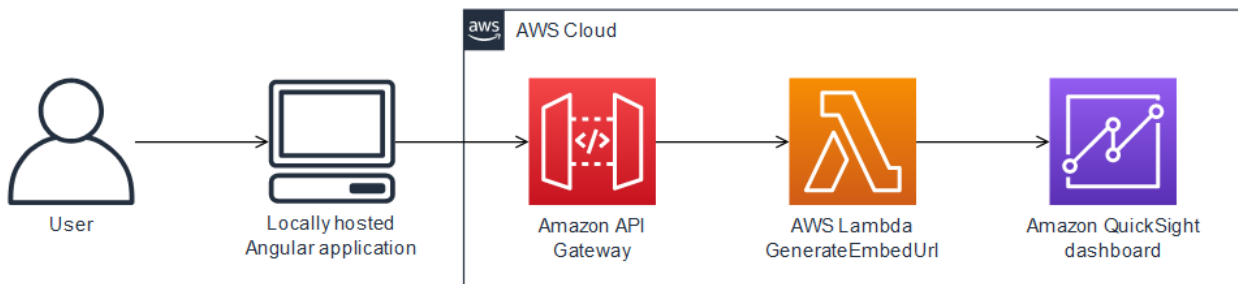
Serverless Architecture Integration: Designing and implementing serverless architecture-based microservices for seamless user registration to the Amazon QuickSight directory.

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The Alliance Solution

Leveraging a suite of cutting-edge technologies, Teraways Solutions empowered TheChangeCompass with dynamic, real-time analytics capabilities. We utilized Amazon QuickSight for interactive dashboards, AWS Lambda for serverless microservices, Python for backend development, IAM for secure access management, and RDS to manage and connect database information to QuickSight.

TECHNOLOGIES USED

Amazon QuickSight: Used for creating and embedding dynamic, interactive dashboards into TheChangeCompass product.

AWS Lambda: Leveraged for running the serverless microservices, enabling the system to respond quickly to changes and user requests without the need for a traditional server infrastructure.

Amazon API Gateway: Used to manage and route RESTful APIs for the serverless microservices.

IAM (Identity and Access Management): Used for managing secure access to AWS services and resources, critical for managing user roles and data privacy.

RDS (Relational Database Service): Utilized for setting up, operating, and scaling the relational database in AWS. It played a key role in managing and connecting data from the database to Amazon QuickSight.

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The Value Proposition

With the successful completion of this project, TheChangeCompass gained enhanced data visualization and analytics capabilities, elevating their product's value proposition. Teraways Solutions' custom-built serverless architecture and dynamic dashboards have allowed the customer to better monitor their data in real-time, leading to improved decision-making and operational efficiency. The satisfaction achieved was profound, as the solution precisely catered to their needs.

The value proposition included:

- Enhanced data security and privacy, with robust user role management.
- Improved real-time data analytics and visualization.
- Optimized operational efficiency and decision-making.
- Streamlined user registration process for Amazon QuickSight.

Key Performance Indicators (KPIs):

- Decrease in data latency and improved real-time analytics.
- Increased user registration efficiency.
- Enhanced data security metrics.
- Improved user satisfaction scores.

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Why Choose Teraways?

Choose Teraways Solutions for the innovative approach, exceptional technical expertise, and commitment to client success. We don't just deliver solutions; We transform your challenges into opportunities, ensuring your business is always ahead of the curve.

Reviews..

"Teraways Solutions has masterfully elevated our product's capabilities at TheChangeCompass. Their solution brought enhanced data privacy, dynamic data visualization, and efficient user management. Their work has streamlined our decision-making, bolstered operational efficiency, and delighted our users. A testament to their expertise, we're thrilled with the results and look forward to future collaborations."

CEO @Euan Wu