Utah Data Research Center Modernizes Data Management

Partnered with the client as business owner to deliver the end-to-end technical solution on GCP.

The challenge
The Utah Data Research Center needed to modernize and secure their application and data environment to enable a data sharing for state organizations. Solution replaces a collection of SQL server databases, scripts, and manual processes.

The solution
Custom built container-based application hosted on GCP using CloudRun, BigQuery, GCP Security Services, Cloud Security Command Center, PySpark, VertexAI Notebooks, Cloud Build, Cloud Storage, Cloud Workstations, and Cloud Workflows.

The result
Compliant and functional system to support secure data sharing amongst state agencies in support of the Utah System of Higher Education's mission.

> UDRC's collaboration with Burwood and Google Cloud, starting with a 2022 MVP data migration, has led to significant improvements. The upcoming four-year BRIDGE project promises further benefits for data partners and the public. Researchers will have more secure access to centralized data, staff will save time and money with improved workflows, and state residents will gain insights to better plan.

About Utah System of Higher Education
The Utah Data Research Center (UDRC) acts as a reliable, centralized hub for longitudinal health and employment data from the state's Departments of Commerce, Health, and Workforce Services, as well as educational data from the Utah System of Higher Education (USHE) and the Utah State Board of Education.

Vertical/horizontal solution: Education

Primary project location: United States

About Burwood Group, Inc.
Burwood Group: IT consulting and integration firm focused on design and migration of public, private, and hybrid cloud workloads.

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Google Cloud Platform