

University of Wisconsin-Madison

UW-Madison partnered with Burwood Group to implement the university's first public cloud environment with security controls for working with sensitive public health data. Burwood contributed project management and technical expertise to the effort.

The challenge

The UW-Madison team wanted to implement automated security controls required by the federal government for Protected Health Information (PHI). These controls are needed to address physical, network, and process security to ensure compliance to standards when storing, sharing, and processing information in the public cloud.

The solution

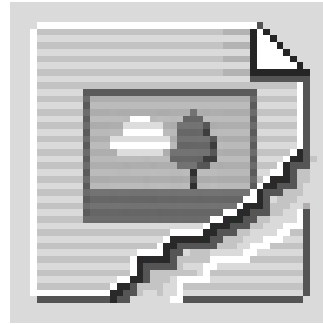
Burwood's understanding of best practices for network monitoring helped the University team integrate Security Command Center with the existing campus security incident and event monitoring system. This allowed the campus Security Operations Center to be a single point of control for all UW Google Cloud assets and the ability to ensure ongoing compliance.

The results

Today, when a researcher approaches their team with a use case in mind, the cloud team helps them get started: from spinning up projects, educating them on the platform capabilities, and more. Now, security controls and guardrails in the cloud environment, compliance standards are being met. All research data is being stored, shared and processed securely.

“Burwood Group kept everyone on track and managed timelines and deliverables. Their skillset in DevOps practices and automation processes enhanced our GCP architecture and enabled our internal teams to move quickly”

JAN CHEETHAM, PHD DIRECTOR, RESEARCH CYBERINFRASTRUCTURE, DOIT



About University of Wisconsin-Madison

The University of Wisconsin is a top-ranked research institution located in Madison, Wisconsin. The University of Wisconsin-Madison has a vision for helping its researchers find and use a wide array of tools for their discovery process. A cloud team within the central IT unit helps the university stay on the cutting edge, by enabling researchers to

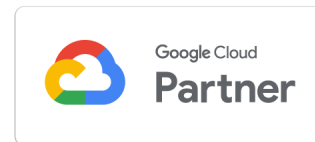
Industry: Education

Primary project location: United States



About Burwood Group, Inc.

Burwood Group, Inc. is a technology consulting and integration firm.



Products

Google Cloud Platform