

## Synthesis Health - Born in the cloud

Zazmic's world-class cloud engineers worked with Synthesis to create a revolutionary tele-radiology platform. Zazmic designed and built a HIPAA compliant, feature-rich, frontend and backend solution that automates medical data sharing and diagnosis.

### The challenge

The existing tele-radiology sector relies on highly manual and fragmented solutions. Of the 35,000 radiologists, less than 3% are networked and have no common platform. Workflow inefficiencies resulted from the lack of automation and multiple vendors with legacy technology stacks. Synthesis realized a low footprint, cloud-native solution would revolutionize the industry.

### The solution

Zazmic worked with the Google Healthcare team to take advantage of the Cloud Healthcare API, DICOM adapters, Pub/Sub, Cloud SQL, Google Kubernetes Engine, and numerous other APIs and services. The result is a cloud-native solution that requires no client software installation, is highly scalable, highly available, and offers some of the industry's lowest operational costs.

### The results

Zazmic was able to deliver a completed platform to Synthesis that is nothing short of ground-breaking in the teleradiology field. Including: - 30% increase in Radiologist efficiency via AI assisted workflow; 20% increase in technologist efficiency with DICOM Standard Reporting and electronic technologist worksheets; Recapture 30% additional revenue from missed follow-up cases.

“Zazmic brings a deep level of engineering strength on modern technologies, broad business experience, and a strong command of the Google Cloud Platform. Zazmic's expertise advanced our development at speeds which we couldn't have done without them!”

Thomas DeSouza, CEO, Synthesis Health, Inc.

The logo for Synthesis Health, featuring the word "synthesis" in a large, white, lowercase sans-serif font, with the word "HEALTH" in a smaller, white, uppercase sans-serif font directly below it. The text is set against a dark blue rectangular background.

### About Synthesis Health

Synthesis Health provides an industry leading, end-to-end clinical diagnostics platform that unifies the entire patient value chain. Harnessing intelligent platform engineering and powerful AI, Synthesis enables clinics and health system customers to standardize operations, drive operational efficiency, and deliver superior patient outcomes.

Industry: Healthcare & Life Sciences

Primary project location: United States



### About Zazmic Inc.

Zazmic is a San Francisco-based, world-class, Google Cloud Premier Partner with over 400 architects, cloud engineers, and sw developers worldwide



### Products

Google Cloud Platform