OBJECT COMPUTING
YOUR OUTCOMES ENGINEERED

Google Cloud
Partner

Object Computing is a modern consulting company with 30 years of experience in helping clients discover new business frontiers with breakthrough technologies. Our process and approach are optimized to deliver measurable outcomes for clients.

Competency Areas

- AI/Machine Learning, Deep Learning
- Operations Research
- Geospatial Capabilities
- Cloud Migration
- Blockchain/DL: Protocol and dApp Development
- Data Strategy, Architecture, Analytics
- IIoT/Edge ML, RT Embedded
- DevOps Automation
- Full Stack Software Engineering/App Development or Modernization

What Makes Us Different

- Combined our IP with Google Cloud technologies to develop the **Asterisms™** platform, our ready-to-use set of pipelines and data integrations that accelerate ML/data-driven application delivery.
- Among a select group of companies worldwide with expertise in Google Earth Engine.
- Google partner since 2016, supporting multiple new client engagements: Monsanto, Lennox, Purina, KC Southern, and MainStreet Bank (Avenu).
- Confidently and transparently exercise areas of Google Cloud to execute complex projects.

Google Technology Sweet Spots

- **CICD:** cloud build, container registry, source repositories, artifact registry, cloud deploy (GKE)
- **Serverless:** Cloud Run, Cloud Functions, App Engine, API Gateway, Endpoints
- **Compute:** Compute Engine, GKE
- **Storage & Database:** Big Query, SQL(MySQL, PostgreSQL), Cloud (Object) Storage
- **AI/Machine Learning:** VertexAI
- **Google Earth Engine Expertise**

Solutions Sweet Spots

- **Modern Architecture at Scale** - We build modern cloud solutions for leading companies. To support this, we created and maintain open source solutions such as Micronaut and OpenDDS.
- **Data Driven Solutions at Scale** - Asterisms accelerates delivery of data-driven outcomes enabled by our IP investment in AI/ML, cloud, blockchain, and software engineering.
- **Blockchain, DLT and Digital Assets** - Named a Gartner *Company to Watch for Blockchain Innovation*, we've created some of the world's best known blockchain solutions.

Opportunity Sweet Spots

- Google-named accounts seeking innovative solutions around data science and data application
- Clients struggling to reach project completion and outcomes on large Google commits

Domain Expertise

We apply deep, domain-specific expertise in:
- Transportation/Rail
- Sustainability/SmartAg
- Financial Services
- Healthcare

Corporate Information

Founded	1993
Employees	+200
Officers	Bob Elfanbaum, CEO Gina Bremehr, COO
Locations	St. Louis, MO & Virtual (U.S., Spain, Australia, Canada)
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Partner Contacts

Partner Lead	Jennifer Floyd floydj@objectcomputing.com
Sales Lead	Matt Bremehr bremehrm@objectcomputing.com

Partner Customers / Solutions Highlights

CSX	
Ask	Develop technology to efficiently manage monitoring of vegetation growth at rail crossings for safety and regulatory compliance.
Process	Modernized laborious, manual process by blending geospatial expertise with LiDAR and Google Earth Engine data utilizing Asterisms platform.
Outcome	Delivered scalable, mobile app for fast, accurate remote-sensing based monitoring and analysis. Potential advanced functionalities include integrating year-over-year LiDAR data analytics and AI to build predictive models to forecast vegetation growth, and AI integration for automated work order generation.
Key Technologies	Google Earth Engine, Big Query, Cloud SQL, Cloud Run, Cloud Storage

MainStreet Bank (Avenu)	
Ask	Expand from regional bank to offering fintech services for national audience.
Process	Develop client-facing app that required a sub-ledger solution and would provide a reliable, flexible payment processing platform.
Outcome	Provided client with scalable, enterprise-grade SaaS solution that reduces costs; reliable and flexible payment processing platform for customers; and compliance in complex regulatory environment.
Key Technologies	BigQuery, Google Cloud Functions, Cloud Run, Kubernetes Engine, Google Security Command Center, Cloud Armor