SOLUTION REVIEW: GOOGLE

World's Largest Search Engine Deploys Primavera P6 and Primavera Contract Management to Manage Data Center and Enterprise Portfolio of Complex Capital Construction Projects

ABOUT GOOGLE

Google is based in Mountain View, CA with offices in more than 40 countries around the world. As of 2007, Google ran an estimated one-million+ servers in data centers worldwide. It processes more than a billion search requests and about 24 petabytes of user-generated data every day. In December 2013, Alexa listed google.com as the most visited website in the world.

THE CHALLENGE

The existing system had no transparency across multiple business units for schedule dates across the program portfolio. Best practices didn't exist for vendor-schedule reviews, specifications for submissions, and cost/schedule tracking. There was no rollup or summarization of complex schedules and costs, and key data-center construction metrics required inefficient, manual tracking.

THE SOLUTION

Gaea built an end-to-end implementation of Oracle Primavera P6 and Primavera Contract Management (PCM). Oracle PCM is now used by Google as the single source of truth solution for their data center engineering program, cost controls division. Gaea also reengineered key business processes in the complicated Google project lifecycle, and defined CPM specifications for simple, efficient data exchange between Google and its contractors.

Gaea also designed and developed templates, cost-code structures, and best practices for using Primavera from an owner's perspective. Using Primavera Risk Analysis, Gaea instituted a probabilistic view of schedules (P90, P80, P70). Gaea developed an owner-specific dashboard showing an intersection of cost and schedule for Google's data center programs.

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