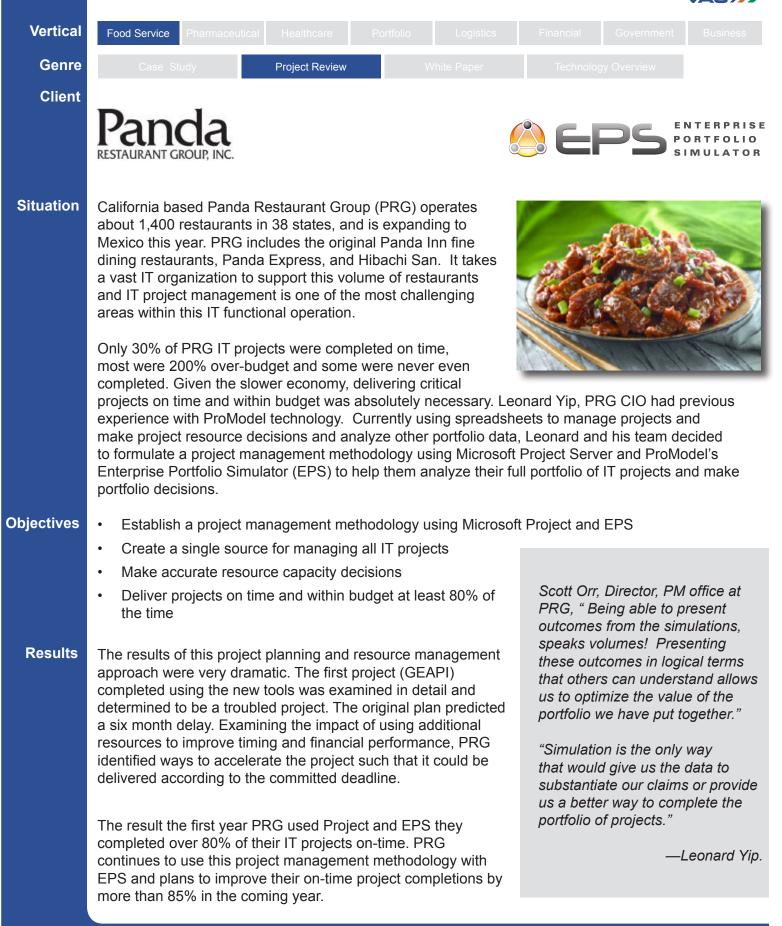
Selling More Orange Chicken with Simulation







Solution

The first step PRG took was to obtain Microsoft Project and enter all of their IT projects into the tool. It then became critical to keep the project plans updated with the most current information. PRG was then able to get some accurate resource usage data for current projects.

ProModel's Enterprise Portfolio Simulator was selected as the top-level resource requirements predictor and timing platform. PRG imported over 80 major projects into EPS. Microsoft Project data was imported directly into EPS which was then used for predicting resource requirements, first on a project basis, but eventually for the entire portfolio of projects. The key difference was the ability of ProModel's technology to delay task completions when no resources were available, and at the same time, predict the project completion as if they were. These two data points pointed out how bad the current project portfolio was and how good it could be.

In addition, EPS showed the potential weaknesses in the project plans, such as critical paths, and interdependency between shared resources and projects. This ability allowed PRG to build parallel processes and contingency plans. Below is a typical Resource Usage chart showing the overcapacity nature of the PRG IT portfolio.

