

Procase helped tune a mission-critical production planning system for Intel

Intel

Client since 1996

Location: Santa Clara, California, United States

Industry: Technology



Client Overview

Intel's is the world's largest designer and manufacturer of computer processors. From laptop computers to desktops to enterprise servers, Intel provides the computer processing power that drives the majority of computer operations in the world. As of 2006, Intel has revenues of U\$35 billion and facilities throughout the world. Clearly, due to its global presence and sheer scale of its operation, Intel needs best-of-breed applications as well as leaders to meet the enormous challenges that may arise.

Client Objectives

Intel had initiated a multi-million dollar Production Planning System project that would convert from Sybase to Oracle as part of a corporate re-engineering initiative to implement SAP. The project team faced technical as well as performance challenges during the initial phase of implementation. Intel brought in Procase to help solve performance and other database issues three months prior to implementation.

Procase Contribution

Procase improved the application's performance to a level not thought possible by the client. Execution time was reduced from four hours to one hour while the transaction load increased five-fold. This gain was achieved through process re-engineering, the efficient utilization of SMP hardware architecture and parallel processing algorithms. Procase re-designed the overall application architecture to eliminate the need for inefficient data replication between two database instances.

In addition, Procase provided technical leadership and skills transfer to Intel's employees during this difficult implementation.

Technology

Oracle database

Results

Based on this project, Intel management retained Procase to build an operational database to manage inventory in its fifty plants and warehouses around the world.