We can do that.

Enterprise Application Development & Integration:
Engineering Application Architecture Project

With **over 20,000 engineers** working on countless different **projects** around the clock, **our global enterprise client** needed a **partner** that **understood** the engineering world **as well** as they understood IT. By architecting, designing, building, running, and **supporting complex** applications, processes, and **workflows,** we showed them the **true value** of partnership. | **Problem solved.**

Our client, one of the world's largest diversified technology, media, and financial services companies is focused on solving some of the world's toughest problems. With products and services ranging from aircraft engines, power generation, water processing, and security technology to medical imaging, business and consumer financing, media content, and industrial products, they serve customers in more than 100 countries and employ more than 304,000 people worldwide.

PROBLEM

Our client was facing multiple challenges:

- Business environment had to support mission critical applications for 20,000 engineers, 24 hours a day, 7 days a week, for 365 days a year.

- Current workflow and support processes were inefficient and could not support required rate of change within engineering teams.

- Tools, utilities and applications were de-centralized, inhibiting collaboration and reuse across teams and divisions.

- Due to scale and complexity, support issues were prevalent at end user workstations.

SOLUTION

In collaboration with the client, the consilium1 team delivered a comprehensive solution:

- Developed a proprietary set of custom applications that were standardized across the environment to allow for increased collaboration and instant visibility across teams and divisions.

- Established standard organization and implemented workflow processes to streamline and support engineer change management process.

- Optimized and enhanced database performance and functionality at the meta-data level.

- Deployed and implemented common, ghosted workstations using templated applications and access authority.

RESULTS

This comprehensive solution delivered for our client in several ways:

- 20% increase in engineering application performance across the company.

- Significant cycle time improvements for mission-critical change management process.

- Increased productivity and efficiency through collaboration, process, and infrastructure improvements.

PARTNERS