

Bourns, Inc. – Manufacturing



Bourns is a leading designer and manufacturer of electronics industries, including Automotive, Test & Measurement, Industrial Automation, Medical Electronics, Consumer Equipment, Computers & Peripherals, Telecommunications and Portable Electronics.

Business Situation

Bourns provides an extranet portal to support their distributors, resellers and their own internal sales organization. The portal allows users to see existing orders, view historical orders, perform pricing inquiries, review specification documents, place orders, and several other features.

Technical Situation

The backend systems of their legacy portal 'talks' to SAP using a technology that is no longer supported by SAP. Hence, opportunities to migrate to the new SAP interface and, at the same time, migrate to .NET and SQL Server.

Solution

PDSA and Bourns partnered to develop a web-service 'wrapper' of the SAP API to insulate all access to SAP. PDSA developed a new ASP.NET application that supported all their existing functions of the legacy application, plus several new features, including: a document repository, shared files, library, ability to pend orders for later processing, and enhanced order processing.

Benefits

The application was completed ON TIME and ON BUDGET and met all of Bourns' time line considerations. The user interface (GUI) was greatly enhanced to enable a more efficient user experience. The number of screens in the new system was over 50% less than the legacy system because of creative and efficient re-designs. Data errors were found in the legacy system and corrected in the new system.

Products and Services Leveraged

- PDSA Systems Application Methodology©
- PDSA .NET Productivity Framework©
- Visual Studio 2005 and AJAX
- SQL 2000 (as per client request)
- Informix (via linked tables)
- Internet Information Services 6.0 / ASP.NET 2.0
- Windows Server 2003
- Web Service to SAP

For information on how PDSA can help your business grow, call (888) 899-PDSA (7372) or email us for more information at Info@pdsa.com.