

Equipment Accounting & Equipment Maintenance Applications Case Study



"eCMS's integrated Equipment Accounting, Equipment Maintenance, and core financial management applications have allowed us to improve our equipment utilization by 25% and increase the life of our equipment by 1-10 years. We were able to reduce our costs and increase our margins by having historic and most up-to-date equipment information in place."

— Darryl Shupe, VP of Finance, BRB Contractors, Inc.

Company: BRB Contractors, Inc.

Industry: General / Heavy Highway Contractor

Construction Services: General contractor working primarily in heavy civil engineering projects such as water and wastewater treatment plants, water and sewer lines, force mains, pumping stations, bridges, piling, shoring, gas lines and telecommunications.

Corporate Headquarters: Topeka, Kansas

Territory / Locations: licensed in 18 states

Client Information: BRB Contractors is a general contractor which self-performs the majority of the work on its projects, allowing for greater control of the schedule and quality of the work on those projects. The company also owns and maintains a multi-million dollar fleet of construction equipment, which makes up the majority of the construction equipment used on its projects, driving added flexibility and cost control.

- Founded in 1959
- Annual Revenue \$65 million
- 225 employees
- 600 pieces of equipment
- 125 accounts payable checks processed per week
- 300-400 invoices processed per week

Software Applications: eCMS, Accounts Payable, Accounts Receivable, General Ledger, Purchasing, Equipment Accounting, Equipment Maintenance, Job Cost, Human Resources, Payroll, eForms and Business Intelligence

Technology Environment: IBM System i 520

Challenge: BRB Contractors, as a general contractor with focuses on heavy construction, has booked large volumes of concurrent projects at diverse geographical locations. To stay competitive when bidding for projects and to ensure that they are delivered on time and budget, BRB Contractors has built an extensive fleet of heavy highway equipment. Having 600 pieces of equipment on hand at all times requires that the company optimizes the utilization of its equipment while securing profitability.

Prior to implementing Computer Guidance's eCMS solution, BRB Contractors was faced with the challenge of equipment not being effectively utilized. There was no visibility into the equipment location, usage, availability, productivity, maintenance history and schedules by the various departments of the organization. Equipment charge rates were not being properly assigned to the job, making actual and projected cost and revenue analysis extremely difficult. Further, there was no maintenance plan in place to ensure that preventive service and routine maintenance was being performed.

Solution: BRB Contractors selected eCMS, a fully integrated enterprise resource planning solution, including core financial management, Job Cost, Equipment Accounting and Equipment Maintenance applications to manage its multi-million dollar fleet of equipment. With eCMS, project teams, procurement, accounting and purchasing departments along with the equipment warehouse personnel have optimal visibility into the utilization and performance of the equipment per project and overall across the organization.

Results:

- 25% gains in equipment utilization
- Increased the life of equipment by 1-10 years (average life of equipment is 7 years)
- Established predictive and preventive maintenance schedules
- Reduced unplanned downtime
- Improved cost and revenue analysis
- Manages equipment repair costs and charge rates real time
- Total Cost of Ownership analysis for improved forecasting



Water Treatment Facility, Iola, Kansas



Water Treatment Plant, Topeka, Kansas

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