



SAP FOR CONSTRUCTION AND ENGINEERING

Today's environment for construction companies is tougher than ever before. Tight margins, intense competition, and demands for faster completion times are increasing risks and putting enormous pressure on Construction and Engineering firms. At the same time, your company's cash position and liquidity are crucial to success and growth. Globalization creates new challenges with even more competition and increased project complexity. It's harder to communicate with partners, vendors, and customers across time zones and language barriers. In this highly competitive market where margins are constantly under pressure, operational excellence combined with greater efficiency is key to achieving profitability.

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Realize your vision

Sharpen your Competitive Edge with SAP

Gain competitive advantage and keep projects on track by leveraging SAP. Integrated SAP solutions for construction and engineering span the entire project lifecycle. From planning and design to project management to operations, SAP solutions provide the comprehensive enterprise-wide visibility you need to excel. And they can help you interact with strategic partners, key stakeholders, manage documents, and track the shipment and quality of materials for greater control.

Illumiti is a Systems Integration and Management Consulting company. We enable customers to realize their vision by leveraging SAP technology, people, and leading business practices. Since its founding, Illumiti has developed a reputation for delivering successful customer projects faster, smarter and leaner.

Quick Facts

- Illumiti is an SAP® gold channel partner
- Awarded the SAP® Business All-in-One Partner of the Year, Canada – 3 years running
- Over 300 SAP Consultants with an average of 10+ years of experience
- 10 years serving engineering and construction companies in Canada and the US
- Serve 175 customers across many industry sectors
- Completed over 80 SAP implementations since 2000

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Illumiti and SAP for the Construction and Engineering Industry

Illumiti can help your firm achieve optimized operations in the key areas at the core of your construction business, by implementing custom-fit SAP® systems. Illumiti's experience in this industry has taught us that in today's market companies need to increase collaboration with subcontractors, owners and vendors. Using SAP's best practices Illumiti delivers a pre-configured solution designed to streamline your businesses for maximum efficiency.

Key Features of SAP for Construction and Engineering firms

- **Bid-to-Contract Award:** Become more agile and competitive and win more profitable projects with virtual collaboration software and real-time multidimensional and project estimate data.
 - **Opportunity and Proposal Management:** Enhance the efficiency of the bid management process with robust collaboration tools; deliver more timely, competitive, and profitable bids by leveraging unified data across departments; and mitigate risk by basing your estimates on real costs and margins.
 - **Collaborative Virtual Design and Construction:** Enable more accurate procurement through more precise estimating capabilities by leveraging integrated 3D computer-aided design technology with project estimation tools.
- **Project Delivery:** Keep projects on track and within budget. Maximize productivity and profitability with comprehensive functionality to manage material, labor, equipment, and tools.
 - **Project Management:** Leverage integrated business and project systems to manage project financials and change management in one project-centric model.
 - **Project Issue and Change Management:** Track and manage project issues, and anticipate and adjust variables to limit impact to schedule and cost.
 - **Subcontractor Management:** Improve subcontractor contract execution over long-term projects by handling partial invoices from subcontractors in one payment chain.
 - **Environmental, Health, and Safety Compliance:** Reduce risk by facilitating comprehensive assessment of your environmental, health, and safety (EHS) landscape.
- **Revenue Optimization and Project Profitability:** Streamline tasks and project-related documents by connecting and empowering people with integrated information, documents, and business processes.
 - **Invoice to Cash:** Maintain healthy, stable financials and ensure a strong project cash position with close management of the entire cash collection process – from invoice to payment.
 - **Subcontractor, Owner, Engineer, and Architect Collaboration:** Reduce unexpected project cost overruns by accelerating communication across project teams, while improving insight into changes and reducing execution errors.
 - **Performance Analytics for Projects and Portfolios:** Manage financial and operational performance to deliver accurate insight into costing for improved financial planning and forecasting.



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- **Asset Management:** Get real-time visibility into asset performance, manage the asset lifecycle efficiently, optimize asset usage, and cut costs by leveraging powerful analytics.
 - **Commercial Real Estate:** Develop holistic asset planning, building, and commissioning through integrated portfolio management, project management, and asset information management.
 - **Optimized Asset Maintenance and Facility Operations:** Increase uptime, narrow process variability, control maintenance costs, react faster to process disruption, and satisfy customers more consistently by gaining greater visibility into asset operations and performance.
 - **Equipment and Tools Management:** Drive holistic asset operations and maintenance by integrating, automating, and unifying all maintenance-related data, processes, and reporting.
- **People and Talent:** Increase employee and customer satisfaction and improve business performance by providing a choice in the delivery of HR processes and services.
 - **Core Human Resources and Payroll:** Consolidate HR and payroll processes onto a common global platform to unify workforce data and meet compliance obligations.
 - **Talent Management:** Improve strategic alignment, increase productivity, and accelerate results by identifying, developing, motivating, and retaining talent.
 - **Time and Attendance Management:** Streamline time-management processes for visibility into and control over labor costs to enhance resource effectiveness.
 - **Workforce Planning and Analytics:** Identify and analyze talent gaps and streamline workforce planning processes for efficient and effective management of workforce demand and supply.
- **Finance:** Robust finance processes allow people and companies to work together more efficiently and use business insight more effectively to outperform expectations.
 - **Financial Performance Management:** Streamline budgeting processes, capture growth opportunities, and customize business flow to achieve goals.
 - **Accounting and Financial Close:** Close books and create financial statements on time with greater insight, accuracy, and compliance.
 - **Treasury and Financial Risk Management:** Improve the management of every activity associated with cash, payments, liquidity, risk, and compliance.
 - **Collaborative Finance Operations:** Automate key business processes in invoice to pay, receivables management, and shared services.
 - **Enterprise Risk and Compliance Management:** Proactively prevent risk events by automating risk, compliance, and international trade activities.

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- **Procurement Excellence:** Ensure best practices in the source-to-pay process, on-premise or in the cloud, while leveraging the power of network collaboration for efficiency and insights.
 - **Supplier Discovery and Lifecycle Management:** Find new suppliers through the Ariba Network, and manage these relationships through supplier management solutions.
 - **Strategic Sourcing and Contracting:** Identify and act on sourcing opportunities, and create favorable, low-risk supply contracts.
 - **Procurement and Order Collaboration:** Realize savings with compliant, user-friendly self-service procurement. Collaborating on the Ariba Network makes transactions more efficient.
 - **Collaborative Invoice to Pay:** Drive invoice automation and exception management with available dynamic discounting on the Ariba Network.
 - **Commodity Management:** Optimize procurement, sales, and risk management for a consolidated, real-time view of commodity risk to react quickly to market changes.

Best Run Customers

- 8 of the Top 10 EC&O companies in North America run SAP
- 8 of the Top 10 international EC&O companies run SAP software
- 10 of the Top 10 EC&O companies in Latin America run SAP
- 9 of the Top 10 EC&O companies in Europe, the Middle East, and Africa run SAP

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