



Engineering, Construction, and Operations (EC&O)

Drive Profitability and Innovation and Master Control with a Single Platform for your Enterprise

Benefiting from practice knowledge gained across multiple deployments in the **Engineering, Construction, and Operations Industry (EC&O)**, Illumiti in partnership with SAP has helped clients implement the right technology to proactively identify issues, take action, and stay profitable. Whether you're bidding, planning, budgeting or executing, we provide a comprehensive set of innovative tools to help you manage your EC&O enterprise.



SAP Platinum Partner

recognized for leading expertise



400+ SAP Consultants

in all areas of practice



250+ Customers

across many industries



1000+ SAP Software

projects since 2000



We're solving problems to accelerate the success of your EC&O enterprise with SAP best practice processes and embedded analytics technology.

Tight margins. Intense competition. Increasing risks. Engineering and construction firms are constantly under pressure to manage and mitigate inherent obstacles. And while new challenges are constantly emerging — a growing shortage of construction professionals, sputtering funding for transportation, infrastructure and other public projects — the construction market is always seeking to create opportunities. To position yourself for opportunity, EC&O companies need to re-think their strategies and status quo. Those companies that seize the initiative to innovate will take advantage of opportunities, overcome challenges, and thrive.

Our EC&O Technology Coverage

Available for all types of businesses within the Engineering, Construction, and Operations sector. Get real-time insight into your projects' performance and build a solid foundation for your operations.

- ✓ Financials
- ✓ Commercial and Sales
- ✓ Human Resources
- ✓ Logistics
- ✓ Procurement
- ✓ Production
- ✓ Analytics



Illumiti is a member of United VARs, an SAP Platinum Partner

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Typical Scenarios in Bundles

OPTION 1

Implement standard SAP Best Practices with Illumiti IP included.

- A lower project cost with higher requirements for effective change management.
- Technical implementation can be completed within 26 to 36 weeks.

OPTION 2

Implement standard SAP Best Practices with Illumiti IP and enhancements to adapt to differentiating business processes, with transactions originating and performed in SAP S/4HANA.

- Technical implementation can be completed within 40 to 52 weeks.

OPTION 3

Integrate SAP S/4HANA into an IT landscape and build integration with your existing best-of-breed applications which may include external systems for estimating, planning, specialized mixing systems, existing scale systems, or any other best-of-breed legacy systems.

With Illumiti's tornado model – piloting and phased implementations – together with proven project management methodology, your implementation costs and risks will be considerably reduced, leading to assured project success.

Construction Projects

- Project Procurement
- Subcontract Procurement
- Equipment Management
- Equipment Maintainance
- Project Contracts and Progress Billing
- Commercial Project Management
- Project Costing
- Revenue Recognition
- Human Capital Management -Level 1
- Quarry / Asphalt

Production

- Stock Procurement
- Sale from Stock
- Delivery Based Billing
- Service Based Billing
- Inventory Management
- Plant Maintenance
- Product Costing
- Scale Integration
- Human Capital Management -Level 1

Illumiti IP

- Pay When Paid
- Retention
- Hold Code Management
- Field Data Capture
- Billing Cockpit
- Labor True UP
- 3rd Party Equipment Rentals
- Earned Value Reporting
- Expense Management
- Transfer Pricing Automation

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Enhanced Functionality

- Intercompany Automation
- Resource Related Billing
- Financial Planning -CPM
- Central Sotres -Warehousing
- Health and Safety
- Scale Integration (APEX, WinTik...etc.)
- Mixing Systems Integration
- Human Capital Management -Level 2

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- Telematics Interfaces (JDLINK, CATLINK, GEOTAB...etc.)
- Estimation Systems Integration (Hard Dollar, Bid2Win, etc.)
- Project Resource Scheduling Integration (P6, MS Project, etc.)
- e-Procurement Systems Integration (Coupa...etc.)
- Expense Management -Procurement Card Bank Integration
- Electronic Bank Statement

Who is This For/Case Use

Since large-scale projects are inherently competitive, complex, and risky, you need an integrated platform that can effectively support the entire lifecycle of your projects. The benefits of our solutions for your business are...

- Reduce overall enterprise costs with streamlined processes and exception-based management.
- Increased your revenue with issue management solutions and improved transparency.
- Create sustainability with a flexible, highly configurable integrated solution supported by a vast ecosystem — one that is continuously improved to take advantage of evolving technologies.

Advantages/Solutions

We're solving problems to accelerate the success of your EC&O enterprise with SAP best practice processes and embedded analytics technology.

- **Field Data Capture:** We have developed a set of foreman and project manager level mobile applications to eliminate paperwork and improve the decision-making and review process.
- **Lower Margins:** Since cost controls become more critical with declining margins, ensuring visibility to daily job costs exists makes it possible for effective course correction.
- **Change Management:** Capture issues and deficiencies using mobile devices immediately and precisely with photo, video, and audio capabilities to improve change management; and building workflows to the back office improves the revenue collection process.
- **Digital Smart Products:** IoT data coming from equipment and weather is leveraged for maintenance and analytics related to job site conditions.

Cost and Duration

Illumiti's intelligent SAP solutions for EC&O companies provide pre-configured best practices, simplified implementations, Illumiti IP, fixed pricing and a host of other features.

Typical EC&O Solutions Scope in a Roadmap

Pre-Construction	Sales and Marketing	Asset Management
Collaborative Sourcing and Contract Management	Operational Purchasing	Real Estate Management
Opportunity and Proposal Management	Project Management and Collaboration	Asset Maintenance and Facility Operations
Virtual Design and Construction	Construction Project Issue and Change Management (ERP, CPM)	Construction Equipment and Tools Management
Pre-Fabrication Management	Mobile Safety, Quality, and Productivity Enablement	Intelligent Buildings
	Contract and Invoice Management	Project and Portfolio Management
	Performance Analytics for EC&O	Project Intelligent Network

Human Resources	Core Human Resources and Payroll	Talent Management	Time and Attendance Management	Human Capital Analytics		
Finance	Financial Planning and Analysis	Accounting and Financial Close	Treasury Management	Financial Operations	Governance, Risk, and Compliance for Finance	
Procurement Excellence	Collaborative Sourcing, Contract Management	Operational Purchasing	Guided End-User Buying	Supplier Management	Inventory and Basic Warehouse Management	
	External Workforce Management	Invoice and Payables Management	Procurement Analytics			
Technology & Platform	Analytics	Application Platform and Infrastructure	Data Management	IT Management	Security Software	IoT of Business and Technology Services



A Partnership with Illumiti Makes Sense

- **Construction Industry Specialization:** Experienced people, leading processes, and world-class construction software.
- **Pre-configured Solution:** Leading, pre-configured construction solution designed to streamline businesses for maximum efficiency.
- **Faster, Smarter, and Leaner Methodology:** Unique methodology designed to ensure each client receives the maximum value for their investment.
- **Focus on Mid-sized Companies:** Right-sized solutions and processes focused on helping mid-sized companies implement SAP at a reasonable price.
- **Experienced Team:** Among the most knowledgeable team in the industry with an average of 10+ years of SAP experience.
- **Commitment to Innovation:** Leading innovator of SAP Applications, Business Intelligence, Mobility and Cloud solutions.
- **Turnkey Solutions:** Reap the benefits and maximize potential of software and services designed to empower your business and people.
- **Management Consulting:** Put yourself in the driver's seat with us and better prepare yourself to transform your business while changing the fewest variables as possible.
- **Continuous Improvement:** A client-centric approach designed to improve customer processes and technological engagement and maximize the return on a client's SAP investment.

Intelligent ERP is the foundation of your EC&O enterprises' next evolution. But it takes the right mindset and processes to maximize its impact.

Let's chat.

Areas of Expertise

- **Staff Augmentation:** With our industry experience and reputation, we connect your business with our top-level talent.
- **Application Management and Enhancement Services (AMES):** Focus on your organization's goals while our experts take care of the day-to-day operations of your core SAP systems.

About Illumiti

Illumiti is a systems integration and management consulting company enabling 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.

illumiti
Realize your vision



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