Optimize
Construction

Purpose Built Enterprise Resource Planning for Construction

Take Back Control and Better Manage the Entire Construction and Engineering Lifecycle

Hitachi Solutions' Optimize for Construction allows you to manage the entire lifecycle of complex construction and service jobs effectively and productively — from pre-construction through closing. Built on Dynamics 365 for Finance and Operations, and utilizing Microsoft enterprise applications, Optimize for Construction provides an integrated, centralized system that enhances the construction and engineering value chain — allowing your construction business to quickly and efficiently react to the ever-changing industry demands.

As an end-to-end suite of capabilities, Optimize for Construction supports business promotion, job execution, field operation and workforce management, including powerful business intelligence for complete and accurate visibility into your business. The solution is configurable to meet the unique needs of your organization and deliver optimal industry best practices that enable visibility and improved job delivery accuracy.

Hitachi Solutions' Optimize for Construction will enable your business to:

✔ Gain real time visibility into multiple project lifecycles

✔ Track projects in units

✔ Offer full operational support for general and specialty contractors and automate field services

✔ Receive aggregate reporting in real time

Engineering and Construction Features and Capabilities

Hitachi Solutions' Optimize for Construction provides Dynamics 365 for Finance and Operations capabilities designed specifically for the engineering and construction industry.

Project Lifecycle Management

Optimize for Construction and Dynamics 365 provide an integrated system to cover all aspects of the business including business promotion, operations and job execution, site management, workforce management and reporting and compliance.

→ **Full Project Visibility**
Support larger and more complex projects by consolidating information across departments in a single system.

→ **Compliance And Reporting**
Ensure federal, state and local regulations, as well as union requirements, are monitored and met with just-in-time visibility of each worker's activities, job regions and safety incidents.

→ **Resource Tracking and Performance Management**
Optimize resource allocation by integrating information about personnel requirements, certifications and experience into work assignments, automating crew calendars and timekeeping and generating individual performance scorecards.

→ **Contract and SLA Management**
Reduce risk with complete contract and SLA management, from defining terms, applying different billing rates for various types of work and materials, maintaining hierarchical relationships between customers and locations and automating escalations and invoicing.

Full Equipment Enterprise Asset Management

Closely supervise the usage and condition of assets by tracking asset location, maintenance needs, and repair history that captures the costs, revenues and time spent on each asset.

→ **Equipment Service and Maintenance History**
Create and build comprehensive maintenance initiatives by predicting operational needs and required maintenance based on accurate estimates of real-life workloads — and use scheduling tools to ensure resources will be available when needed.

→ **Equipment and Warranty Management**
Classify assets with barcodes or serial numbers, then track asset location, maintenance needs and repair history while capturing costs, revenue and time spent on each asset.

→ **Equipment Maintenance Management**
Insight into comprehensive maintenance plans gives you the ability to view multiple maintenance services per plan and actionable service frequencies per plan so you know where your equipment stands — and you can prevent miscalculations with the ability to make equipment unavailable when it needs maintenance.

Real-Time Job Costing and Reporting

Hitachi Solutions for Construction allows a project manager to track overall project health in real-time including labor, equipment, material, subcontract and other costs. Tracking project progress in terms of units or percent complete, over/under billings and other metrics. Accurate project projections/forecasts to track ETC or EAC at the project, sub-project, phase, cost group or cost code level.

→ **Job Billing and Invoicing**
Reduce revenue leakage with the ability to manage different types of complex billings, such as Cost+, T&M, milestone, progress or percent complete, as well as a framework for customizing invoice reports and templates.

→ **Payroll Direct Deposit**
Automated process adds payroll funds to employees' bank, savings and loan or credit union accounts through an automated clearing house file.

→ **Flexible Control of Processes**
Customize detailed records of pay, benefits and deductions to your business to help you control audit details related to handwritten checks and voided checks.

→ **Web-based Time Reporting**
Streamline entry and approval processes for timesheets with online applications delivered through the Microsoft Business portal. Automated transfer of information to Payroll eliminates paper-based systems and reduces data re-entry.

→ **Job Estimation**
Efficiently estimate resource and labor costs by creating and leveraging detailed work breakdown structures that provide the granularity needed for accurate scope and deliverable measurement.

Job Site Mobility

Effective decision making requires the ability to capture all on-site operations in real-time, such as time and expenses, job service requests and job procurement.

→ **Workforce Management**
Keep field crews safe and productive with mobile devices that capture time and activity, update equipment maintenance records, specify requisition materials to be sent to the job site and record any injuries or incidents that require instant notification.

Get Started. Request a Customized Demo.

Interested in learning more about Optimize for Construction? Get a customized demo to see how you can re-invent your business solutions.

✉
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☎
Call Us at 888.599.4332

Why Hitachi Solutions

We offer deep industry expertise combined with decades of experience providing high-value solutions that deliver rapid return on investment. Our implementation methodology is designed to give you faster, lower-risk implementation and rapid adoption through proven best practices.

1

It starts with **core technologies** built on Microsoft Dynamics 365 so you can get up and running quickly

2

We extend that with our own **industry modules** that give you capabilities tailored to the needs of the construction industry

3

Finally we deliver a **customized solution** to provide the best fit for your business, so you can focus on your unique strenghts, not on basic technology