



CONSTRUCTION MANAGEMENT

ExeVision's Construction Management Subsystem (CMS) is a part of the integrated Project Development (iPD) solution, focused on providing an easy-to-use web application for recording construction data. CMS tracks and maintains data including Daily Diaries, Project Ledger, and Contractor Pay Estimates, and utilizes the Electronic Field Book (eFieldBook™) application on hand held devices to gather and synchronize field and inspection data with the home office CMS. With each transportation agency having their own business processes and requirements, ExeVision's CMS is customized to the specific requirements and business processes of each agency.

ExeVision's Construction Management Subsystem (CMS), tracks and maintains construction data including Daily Diaries, Project Ledger, Change Orders, Subcontracts, and Contractor Pay Estimates. It provides an automated method of tracking the various events that occur during a construction project, resulting in more efficient, accurate, and timely contractor payments.

Using the CMS web subsystem, the agency records daily work activities including the quantities of work performed and other critical activities related to construction projects that affect processing contractor payments—for example, Weather, Time Charges, Activities, Equipment, Labor, Diary Entries, etc. These entries may be made the web-based CMS application or through ExeVision's eFieldBook field data collection application. From these entries, reports are generated based on the daily work completed, the overall percentage of project complete, funding and payment information, etc. Custom reporting is available using the intuitive and user-friendly ad hoc reporting engine.

Item	Entry Date	Entry Type	Stationing	Amount	Incl.	Ledger Entry Comments
1 - 106.05100	08/21/2015	PLACED		\$8,000.00	<input checked="" type="checkbox"/>	
4 - 109.08000	08/31/2015	PLACED		\$32,595.35	<input checked="" type="checkbox"/>	
6 - 202.03305	08/21/2015	PLACED		\$6,716.00	<input checked="" type="checkbox"/>	100+55-102+83= 36x228/9=912 sy
7 - 210.03300	08/20/2015	PLACED		\$942.50	<input checked="" type="checkbox"/>	Used for blading shoulders. 19
7 - 210.03300	08/21/2015	PLACED		\$217.50	<input checked="" type="checkbox"/>	1982 Cat 140G 150hp 0.9 pay fa
8 - 215.01000	08/31/2015	PLACED		\$800.00	<input checked="" type="checkbox"/>	
11 - 401.03321	08/31/2015	PLACED		\$306,891.12	<input checked="" type="checkbox"/>	E-56 #6 shows 513.047 Tons
16 - 413.01000	08/31/2015	PLACED		\$17,186.89	<input checked="" type="checkbox"/>	E-56 #6 shows 93.819 Tons P
21 - 703.03100	08/31/2015	PLACED		\$10,406.25	<input checked="" type="checkbox"/>	
22 - 703.03110	05/13/2015	PLACED		\$15,900.00	<input checked="" type="checkbox"/>	
22 - 703.03110	08/31/2015	PLACED		\$5,830.00	<input checked="" type="checkbox"/>	
23 - 401.02031	08/31/2015	PLACED		\$410,050.52	<input checked="" type="checkbox"/>	
23 - 401.02031	08/31/2015	STOCKPILE		(\$156,720.00)	<input checked="" type="checkbox"/>	

iPDWeb Construction Management Subsystem (CMS)

Financial Management and Contract Payment Processing

ExeVision's CMS excels in Financial Management and Contract Payment Processing. All preliminary or planned funding information for the contract is available to authorized users. Financial allocations can be managed for a contract by adding funding sources for the projects, adding or modifying funding sources at a category level, or even setting specific funding sources on an item-by-item basis. Funding can be split by assigning funding source by percentage including minimum and maximum amounts and can be prioritized by "rolling-over" to other funding sources when a pre-determined amount or percentage has been reached. Finally, work entries are compiled into pay estimates, including the ability for authorized users to include or exclude items. Calculations take place "on-the-fly" so that item-dependent amounts such as mobilization, fuel adjustments, etc., are not reflected in the totals. Additionally, items not included in the current pay estimate will automatically show up on subsequent, future pay estimates until they are approved and included on a pay estimate.

CMS provides a wide variety of reports used by the project manager to analyze the project status including monthly progress and pay estimate reports. Additional reports may be created using the ad-hoc reporting tool that facilitates the creation of one-off or specialized reports by non-technical users.

Change Orders & Subcontracts

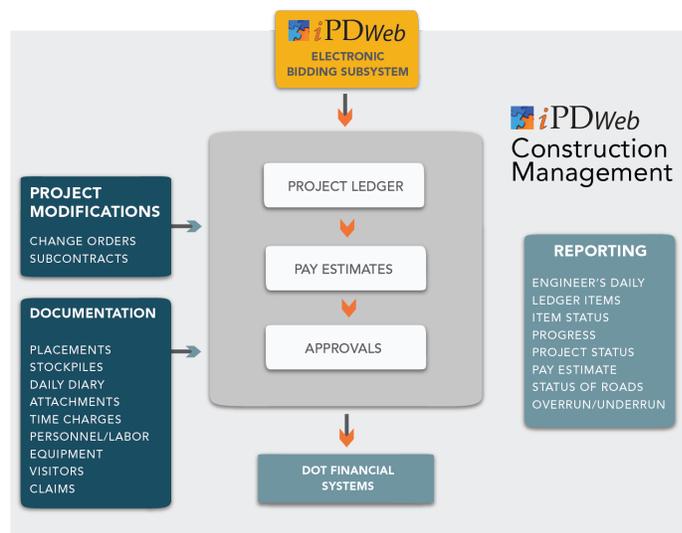
ExeVision has eliminated much of the communication complexity of change orders and subcontracts between the agency and the contractor by integrating that communication within the contractor's web-based application—iCXWeb. iCX is used by contractors to create, submit, and track electronic bids but equally important for construction projects is the ability for change order and subcontract information to flow effortlessly between the agency's construction management application (iPD CMS) and the contractor's application (iCX-Web). In iCX, Contractors create and manage subcontracts (including subcontract payments) and interact with agency personnel on subcontract approvals, closeouts, change order approvals, etc. Contractors are notified within the application of change orders and their potential impact on DBE subcontract commitments. The transportation agency is likewise notified of potential impacts to a contractor's DBE subcontract commitment for a project. Contractors also use iCX to record payments to subcontractors and the integration between iCX and iPD allows the ongoing review of critical compliance factors such as prompt payment. CMS also supports processes that allow contractors to approve/disapprove payments and time charges if the agency uses such processes.

Electronic Field Book (eFieldBook)

The Electronic Field Book (eFieldBook) application supports the use of mobile devices to view items and project data from the home office CMS application and collect field data even when working on remote sites where direct network

connections are not possible. Engineers or inspectors document daily work activities at the project site, including pay items and quantities of work performed, labor and equipment used by the contractor and subcontractors, daily time charges, daily weather conditions and temperatures at the project site, diary information including project inspections, and instructions to the contractor.

The eFieldBook simplifies and streamlines the work of office and field personnel by downloading project pay items and stationing information from the central CMS to the portable device and electronically uploading the daily work information through the device's synchronization functionality. CMS manages the coordination of all information being uploaded and downloaded from multiple engineers and inspectors working on the same project and ensures that a single consistent view of the project is maintained using data received from many different sources.



About ExeVision

ExeVision, Inc., is the developer of the iPDWeb solution, a comprehensive, project development system fully integrating all functional aspects of road and bridge construction from estimate creation and electronic bidding, through final contractor payment. ExeVision is also the creator of the iCXWeb application, designed to assist contractors in the creation and submission of responsive bids and facilitate seamless bid communication between contractors and the agency. These two solutions provide substantial time and cost savings for the state transportation agencies that have implemented them. ExeVision has been developing and deploying mission critical applications for over 20 years and is a Utah based company.

For more information or a live demonstration at your location:

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