



SOFTWARE



B2W SCHEDULE

RESOURCE SCHEDULING & DISPATCHING

Features Overview

B2W Software empowers and inspires heavy civil construction companies to win more work and complete it more profitably. The company's ONE Platform connects resources, workflows and data and includes advanced, unified elements to manage estimating, scheduling, field tracking, equipment maintenance, data capture and business intelligence.



ONE Platform

The Operational Networked Elements (ONE) platform provides the base infrastructure and integrated information for B2W Estimate and the B2W Operational Suite, which includes B2W Schedule, B2W Track, B2W Maintain and B2W Inform. Regardless of which elements you own, information is networked across the ONE platform, resulting in a solution that is always up-to-date. From executives, estimators and dispatchers in the office, to field workers on job sites and mechanics in the shop, everyone is on the same page with the ONE platform. Access to a unified, real-time solution enables your company to make informed decisions and maximize profitability.

B2W Schedule

REAL TIME COLLABORATIVE SCHEDULING TOOL

Schedule helps to increase collaboration between the different roles within your organization. View edits as soon as they are saved to the schedule, create needs which are immediately actionable or equipment moves and their status throughout their execution. (It's been ordered, assigned and now is complete).



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FLEXIBLE AND CUSTOMIZABLE SCHEDULE VIEWS

Schedule is designed to allow for multiple areas of your business to configure their own customized views of the single master schedule. This increases focus on critical resources that pertain to you while reducing the clutter of other items which are not of your concern.

VITAL BUSINESS INTELLIGENCE

Mine data to review important metrics like equipment utilization or the allocation of employees, equipment or crews.

DRIVER NOTIFICATIONS

Send emails or SMS text messages to your drivers through the intuitive move planner interface for any of your internal or subcontracted equipment moving crews.



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Technology / Mobile Access

FEATURE	DESCRIPTION
Supported Browsers	Schedule can be launched in commonly used browsers such as IE, Edge, Chrome and Firefox.
Supported Devices	Schedule can be launched through the B2W Mobile Application in either iOS or Android Devices. (Note: Contact support around acceptable versions and hardware requirements for the Mobile App.)
Named User Licenses	Data security is essential to any company. Named user licenses ensure employees using B2W Schedule have access only to the data and views that are relevant to them.

Administration & Security

This section of B2W Inform is the hub for managing users, user groups, data, access and feature functionality.

FEATURE	DESCRIPTION
Full License	Full Schedule Licenses allow users to create, modify or delete items within Schedule for which they have permissions on.
Read Only License	Read Only Schedule Licenses allow users to view any schedule items for which they have permission to see.
Business Units	Create business units to organize your users.
Data Sources	B2W Operations database.
Users	Administrators can create, edit, and activate/deactivate new users.
Security Roles	Administrators can create, edit, and delete Security Roles and assign specific permissions to that role. Individual users can be assigned to multiple Security roles and will automatically inherit the permissions granted to that role.



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Setup

Schedule utilizes the system's ability to setup/store different resources or views.

FEATURE	DESCRIPTION
Business Units	Create business units to section your organization into smaller segments.
Jobs	Setup jobs to store job sites and tracking accounts. (Required for production targets).
Job Sites	Setup job sites with properties such as supervisor, address and geo-fence information. (Required for creating assignments in schedule if places are not used).
Organization	Setup organization to help schedule subcontracted or rental resources.
Places	Setup places to capture locations which are not job sites which still require scheduling resources. (Required for creating assignments in schedule if job sites are not used).
Labor Types	Setup labor types to help classify your employees. (Required for capturing employee needs in Schedule.)
Employees	Setup employees with properties such as roles, labor types, certifications or contact information. (Required for sending notifications to drivers).
Equipment Categories	Categories can be used to group Equipment Types.
Equipment Types	Setup equipment types to help classify your equipment as well as add additional properties such as capacities. (Required for capturing equipment needs in Schedule.)
Equipment	Setup equipment with properties such as type, requires moves (required for system move orders), ownership type and equipment tags.
Work Types	Setup work types to help classify your crew templates (Required for capturing crew needs in Schedule).
Crew Templates	Setup named crew templates that are either tied to an organization or comprised of employee or equipment resources or needs. (Production Crews required for Crew Assignments and Transport Crews required for Move Assignments). (Transport Crews are required for Driver Notifications).
Schedule Setup	Use schedule setup to configure an unlimited number of views to display resources over time.



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Schedule Items

The following are items which are created and reflected in the different schedule views in line with the resources which they are associated with.

FEATURE	DESCRIPTION
Employee Needs	Employee needs are assignments at a location which are associated with a labor type. These require additional action to associate them with an employee resource.
Equipment Needs	Equipment needs are assignments at a location which are associated with an equipment type. These require additional action to associate them with an equipment resource.
Crew Needs	Crew needs are assignments at a location which are associated with a work type. These require additional action to associate them with a production crew resource.
Move Order	Move orders are equipment moves associated with an equipment resource. These require additional action to associate them with a transport crew.
Employee Assignments	Employee assignments are assignments at a location which involve a named employee. These can be linked to other resources or needs.
Equipment Assignments	Equipment assignments are assignments at a location which involve a named equipment. These can be linked to other resources or needs.
Crew Assignments	Crew assignments are assignments at a location which involve a production crew template. These can contain resources or needs as well as added resources and needs outside the crew template.
Move Assignments	Move assignments are assignments between locations for an equipment resource that involve a transport crew template. These can contain resources or needs as well as added resources and needs outside the crew template.
Location Assignments	Location assignments are a calculated assignment which represents resource assignments or needs which are occurring at that location.
Events	Events are records associated with a resource (Employee, Equipment, Job Site or Place) that show up on both the schedule and resource pages.



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Schedule Views / Actions

Schedule views can be configured so that users are viewing only information that they wish to see. Any changes from these views impact a single database of resources and assignments and can be immediately viewed in other schedule views.

FEATURE	DESCRIPTION
Location Overview	Location Overview allows a user to view a summary of multiple locations. A user can also quickly drill into a location to view more information about schedule items occurring.
Location Overview - Map	Location Overview also contains a map which has the same functionality for reviewing locations and locating the current location of equipment resources. A user can make adjustment either through menus or drag and drop of resources between locations. The user also has the ability to use layers such as traffic, satellite or street view.
Location Overview - Compare	Location Overview also contains a view which allows user to compare multiple locations side-by-side and make adjustment either through menus or drag and drop of resources between locations.
Move Planner	Move Planner allows the user to sequence out equipment moves by stops for a given transport crew. A user can also trigger notifications on this view using the notification panel.
Schedule View - Resource Listing	This is a type of schedule which is a flat list of employees and/or equipment resources or needs that the user has permission to view. This view can be filter or group based on employee and equipment properties. A user can also restrict permissions to these views and create as many variations of this type of schedule as desired.
Schedule View - Crew Listing	This is a type of schedule which is a default grouped list of crews that contain and/or equipment that or crew needs the user has permission to view. This view can be filter or group based on crew properties. A user can also restrict permissions to these views and create as many variations of this type of schedule as desired.
Schedule View - Location Listing	This is a type of schedule which is a default grouped list of locations (job sites or places) that the user has permission to view. These location can contain crews, crew needs, employees and/or equipment resources or needs. This view can be filter or group based on crew properties. A user can also restrict permissions to these views and create as many variations of this type of schedule as desired.
Schedule View - Map	The map can also be launched from any of the above schedule views which provides geographical context for any of the resources loaded onto a given schedule view. A user can make adjustment either through menus or drag and drop of resources between locations. The user also has the ability to use layers such as traffic, satellite or street view.



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FEATURE	DESCRIPTION
View Options / Filters	The user can chose to apply any additional filtering or view options to the above listed views. The filters are stored by users and persisted through sessions.
Conflict Workflow	Schedule automatically identifies any overlap in assignments or conflicting events and shows the conflicts on the users view. The user can then use our conflict panel to systematically resolve conflicts by selecting one and choosing from a list of resources for a replacement.
Needs Workflow	Schedule allows for the capturing and managing of needs which can either be entered in through Schedule or B2W Track (no Schedule license required). These needs are reflected on the users screen and compiled in our orders and needs panel for filling.
Move Planner	The user can utilize the B2W Move Planner within schedule for assigning moves to transport drivers (either internal or subcontracted) and organizing them through stop locations. These move assignments can be sent to the driver through email or text through our notification workflow.
Create Field Log From Schedule	A company using both Schedule and Track can populate a field log using Schedule assignment information, such as pulling in jobs, employees and equipment.
Schedule From the Tablet	A user (with internet connection) can launch schedule through the B2W App and have many of the same actions and functionality that is available from the laptops.

Reports

With the availability of reports, B2W Schedule promotes smart data analysis and communication across the business. Along with these schedule reports are many other job or resource centered reports available to the user, or custom reports can be created using any of the data fields capture within OPS. And with all reports, the user can configure subscriptions to send them automatically to a group of users at timed intervals.

FEATURE	DESCRIPTION
Schedule Call List Report	Report that lists employees who will be starting an Assignment on the selected date
Schedule Daily Report	Report showing the needs and assignments for each location for a specified date.
Schedule Equipment Scheduled vs. Utilized Week Report	Report showing the daily utilization reported on field logs for scheduled equipment for either a 2 week or 12 week period.
Report Output	PDF, Excel, HTML, CSV



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System Services

Schedule offers system services that can generate actionable items or perform calculations which assist the user in their day-to-day task.

FEATURE	DESCRIPTION
System Move Orders	B2W Schedule automatically generates moves between assignments or completed moves. System move orders are created, updated, or removed based on the users actions within a 90 days of the current date.
Conflict Engine	B2W Schedule identifies conflicts between overlapping assignments or conflict generating events when their date and times contradict.
Current Equipment Location	B2W OPS constantly calculates the current location of equipment resources within the database by factoring in items such as telematics readings, completed moves or assignment information. This information can be viewed within schedule from given views or on the map.
Notification Engine	B2W Schedule identifies when a transport crew requires notification based on actions taken on the move planner. It will take into account updates or removal of assignment given to a specific crew and make that visible to the user.

Notifications

The notifications feature allows designated recipients to be notified by e-mail or text through the schedule interface.

FEATURE	DESCRIPTION
Driver Notifications	User triggered alerts can be queued and sent through the move planner interface using an employee or organization's contact cell number or email address.