

New Software & Applications

TrueLook Integrates Camera Technology with Procore

TrueLook's integration with Procore streamlines TrueLook's photo interface with Procore's project management software, allowing Procore users to view, store, and share jobsite photos with contacts or within their Procore projects. The integration also optimizes photo storage and project management software for client companies. The TrueLook integration is available on the Procore App Marketplace.

—TrueLook, www.truelook.com

—Procore Technologies, Inc., www.procore.com

Leica iCON Construction Total Stations

Leica Geosystems' Leica iCON construction total stations, Leica iCR70 and Leica iCR80, increase efficiency on building construction sites by automatically identifying the prism and relocking to it should the line of sight be lost, delivering reliable, simple, and automated setup routine for construction layout. The iCON layout solution—consisting of the new iCON construction total stations, the Leica iCON CC80 field tablet, and an enhanced version of the iCON build field software—is aligned with modern building information modeling (BIM) processes and provides a simplified dataflow of fully rendered three-dimensional design models between the office and field.

—Leica Geosystems AG, www.leica-geosystems.com



ASTM International Collaboration Platform for Document Development

ASTM International's SpecBuilder platform allows organizations to streamline collaboration and document development for internal documents such as specifications, test methods, guidelines, and procedures. SpecBuilder provides a single platform to ensure organizations' internal drafts, comments, votes, and supporting documents are uploaded, acted on, and archived within a single secure tool. Team members can manage changes to documents, revise multiple documents simultaneously, accelerate voting processes, add hyperlinks to standards, streamline communications, and securely store and restart projects.

—ASTM International, www.astm.org

ASAP BarCloud

ASAP Systems adapted radio-frequency identification (RFID) technology in its cloud-based asset tracking system, BarCloud. With the integration of RFID technology, companies can perform their detailed, accurate inventory of fixed assets faster. BarCloud can be used as a mobile application on iOS and Android devices. Users can generate an on-site discrepancy report where they can compare the current inventory to the previous one, allowing staff to quickly identify missing items. Companies can gain real-time awareness of the fixed assets. With RFID, companies do not need to scan items individually. Scanning can be done automatically using the tracking device and smartphone, at distances of up to 15 m (49 ft) and with an accuracy of up to 95%.

—ASAP Systems, <http://barcloud.net>

B2W Software ONE Platform

The B2W ONE Platform includes unified heavy civil construction management software elements for estimating, operations, and business intelligence. Users can manage estimating, scheduling, field performance tracking, equipment maintenance, and data capture and analysis. Data flows logically across the B2W platform in real time, creating differentiating opportunities to collaborate across workflows, optimize operational performance, make data-driven decisions, and improve profitability. The mobile application provides access for data input and collaboration from any location.

—B2W Software, www.b2wsoftware.com



Command Alkon COMMANDassurance

Command Alkon's COMMANDassurance provides visibility into fresh concrete properties from load to placement. Real-time data helps users make decisions that can ensure quality, avert risk, enhance production, and increase delivery efficiency. Tolerances for slump, temperature, and w/cm are monitored, allowing users to understand what happens to each load after it leaves the plant. Automatic alerts are sent if a threshold is reached. Insights into fresh concrete properties helps users make adjustments to their next production cycle at the source. Once a load has reached a homogeneous state in the drum, an alert can be sent to the driver to avoid overmixing.

—Command Alkon, <http://commandalkon.com>

Topcon MAGNET 5

Topcon Software Solutions' MAGNET® 5 includes upgrades to the MAGNET Field, Office, and Enterprise applications designed for advanced performance, third-party integration, and construction planning and oversight capability. Improvements to MAGNET Field contain new vertical construction capabilities, including reflectorless layout within a building. MAGNET Enterprise updates include new cloud connection to Autodesk BIM 360 and Bentley ProjectWise as well as unlimited project file storage. Additions to MAGNET Office are centered on contractor needs and include advanced corridor functionalities for machine control file prep, mass haul application improvements, and an integration of BIM for infrastructure features directly into the suite.

—Topcon Positioning Group, www.topconpositioning.com



Stone Edge Surfaces Job Estimator Pro

Stone Edge Surfaces' Job Estimator Pro™ App automatically estimates and calculates material and labor costs and profit margin on horizontal and vertical concrete overlay, customizable concrete veneer, stamped concrete overlay, and decorative concrete projects. The app can archive estimates or format an estimate and drop it into an e-mail, customized with customer name, disclaimers, and contractor information. It can also format a custom material list or a material order and drop them into separate e-mails for internal review or transmittal to a distributor for order fulfillment. The app can create an e-mail request or automatically open the user's phone dialer and contact technical assistance.

—Stone Edge Surfaces, www.stoneedgesurfaces.com

Product Showcase

DrawAlert v3.0

DrawAlert v3.0 provides project stakeholders improved operational productivity; increased efficiencies in process and document management; warranty tracking; and expanded dashboard capabilities, including embedded mapping technology. Full Smart Document management is available on the cloud-based platform, including certificates of insurance with alerts, warranty documentation with alerts, conditional and unconditional waivers—progress and final, meeting notes, nonconformance documentation process, plans and specifications repository, preliminary notices, project scorecard, and site inspections.

—DrawAlert, www.drawalert.com

BASIS 2.0

BASIS 2.0 captures, retains, and reuses critical project knowledge during the planning process. This allows users to leverage historical information and standards to create a plan. The BASIS Artificial Intelligence (AI) engine makes suggestions to planners as they build a plan, guiding them as to what scope, activities, duration, cost, sequence, and risks should be included. BASIS 2.0 assigns context to stored knowledge and continually learns from user interaction. Identifying attributes such as project type, complexity, and geographic location enable BASIS to understand the scope of the project and use this information when assisting the planner.

—BASIS, www.basisplanning.com

Touchplan

Touchplan makes real-time project scheduling simple, using Lean methodology and the Last Planner® System. The app digitizes the cumbersome process of planning work using sticky notes on a wall. Touchplan is a web-based, accessible anywhere tool that allows everyone on the project team to plan collaboratively and maximize efficiency. Within minutes after installation, project teams can integrate Touchplan with master schedules and instantly create constraint logs.

—Touchplan, www.touchplan.io



eSUB Time

eSUB Construction Software's (eSUB) Time is an employee time-tracking mobile application that provides subcontractors a flexible solution designed for long-term growth as a platform for integrated point solutions within the eSUB construction management platform. With eSUB Time, employees record their hours worked, view and edit their timesheets, and submit them for approval directly from their iOS or Android mobile device. The employee and the office staff can add comments to timecards and engage in real-time conversations to resolve disputes and discrepancies quickly.

—eSUB Construction Software, www.eSUB.com

Structural Design Spreadsheets

A series of Microsoft Excel spreadsheets provide concrete, foundation, masonry, bridge, and lateral design solutions. Each spreadsheet contains formulas, reference code sections, and graphic drawings. ActiveX pull-down menus are provided for variable choices. Intermediate calculations, designed for submittal, can be printed to explain the results.

—Daniel T. Li, Engineering International Inc., www.Engineering-International.com

Raken

Raken allows users to create surveys to handle daily safety requirements that can be completed from the field. Raken's construction daily reporting templates can be modified to include information tailored for specific projects or made uniform for the whole company. Daily reports can be completed using built-in speech-to-text by just speaking into a smartphone or tablet. Users can get daily reminders when it is time to complete their safety checklists. Raken allows users to customize when they receive a push notification. Users can also receive immediate notifications about a safety incident reported on jobsites. When a daily report is complete, Raken will automatically share with designated team members. Graphs on the Raken dashboard provide a high-level view of the number of safety incidents in a given time frame.

—Raken, www.rakenapp.com

