Concrete Hub

Giatec Scientific Inc.’s Concrete Hub is a mobile app designed to provide a categorized collection of the latest construction industry updates, useful concrete tools (such as concrete calculator and mixture design according to ACI 211.1-91), dictionary, standards and guidelines, and educational materials and videos. The free app can be downloaded to Android and iOS smartphones and tablets.

—Giatec Scientific Inc., www.giatecscientific.com

Bridge Inspector’s Reference Manual Mobile App

The Federal Highway Administration’s National Highway Institute and Office of Bridges and Structures’ Bridge Inspector’s Reference Manual (BIRM) is a comprehensive manual on programs, procedures, and techniques for inspecting and evaluating a variety of in-service highway bridges. BIRM is also available as a free mobile-device version, accessible on iOS and Android smartphones and tablets. The app includes all of the content from the manual, including information on improved bridge inspection techniques, culverts, fracture critical members, cable-stayed bridges, prestressed segmental bridges, moveable bridge inspection, underwater inspection, and nondestructive evaluation and critical findings. It features pop-up zoomable illustrations, bookmarks, a searchable glossary, and downloadable video files.


Bridgit Closeout

Bridgit Closeout is a mobile-first construction punch list software that streamlines communication between the general contractor and subcontractor teams. General contractors can quickly record and assign deficiencies to the relevant subcontractors using the app. From there, subcontractors receive automated notifications for their outstanding items and can use the mobile app or website to confirm when work is complete.

—Bridgit, http://gobridgit.com

BSD SpecLink-E

Building Systems Design, Inc.’s (BSD) new version of BSD SpecLink-E is a construction specifications software package that automates the global management and updating of thousands of reference standards, including those that have been added by its users. SpecLink is based on a relational database, and all construction standards referenced in the over 10,000 pages of master guide specifications are included only once in a single table that is centrally managed. When a citation for a specific standard is needed in the text to help specify a particular type of product or installation requirement, a unique marker causes the citation to be displayed from the global table. This process allows the same standard to be employed in many locations within the database without repeating the text and possibly introducing errors.

**FinalCad**

FinalCad construction software is a mobile app for contractors and owners to help track quality on construction sites. The software digitizes critical construction site processes, producing quality control checklists for structural works, HVAC, plumbing works, and architectural finishing works and streamlines punchlist management, commissioning, and facility management processes. These digital management features are provided and combined with blueprints preparation and objects library customization. In addition, data collected on site can be used to feed a predictive analytics engine, allowing contractors to anticipate issues before they strike.

—FinalCad, [www.finalcad.com](http://www.finalcad.com)

---

**Georgia Tech Digital Building Laboratory BIM Course**

The Georgia Tech Digital Building Laboratory is offering a Building Information Management (BIM) course for project managers. The course will take place October 10-13, 2016, on the Georgia Tech campus in Atlanta, GA, and it will include hands-on exercises using popular BIM tools. The curriculum has been developed jointly with Skanska, and includes the following topics:

- **Day 1:** students will complete a hands-on modeling exercise and learn how to navigate a BIM model, share design models, work collaboratively, and conduct quantity take-offs and cost estimates;
- **Day 2:** they will learn about coordination and clash detection; 4-D sequencing; and safety, logistics, and communication;
- **Day 3:** students will study laser scanning, data collection and interpretation, drone applications for BIM, cloud-based BIM tools and workflows, and using tablets for visualizing and navigating models; and
- **Day 4:** students will learn about facility management services and asset tracking, the owner’s perspective on BIM deployment, BIM standards and interoperability, and the potential future evolution of BIM and its applications.

For information on costs and registration, visit [https://pe.gatech.edu/courses/building-information-modeling-bim-for-construction-management](https://pe.gatech.edu/courses/building-information-modeling-bim-for-construction-management).

—Georgia Institute of Technology, [www.gatech.edu](http://www.gatech.edu)

---

**Predictive Solutions Corporation**

Predictive Solutions Corporation helps companies predict and prevent workplace injuries. Its products and services include:

- **SafetyNet**, a cloud-based system that allows companies to collect safety data using mobile devices; analyze the data to uncover actionable information; and communicate the results in real time to those who are at risk and those who can take action to prevent incidents and injuries;
- **Safety Analytics Services**, a customized program based on a site visit, application of data mining and analysis to find trends and patterns, and on-site presentation of findings; and
- **Safety Culture Services**, programs that include safety culture assessments, staff engagement workshops, behavior-based safety program development, and general change management program development.

—Predictive Solutions Corporation, [www.predictivesolutions.com](http://www.predictivesolutions.com)

---

**Teletrac Navman DIRECTOR**

Teletrac Navman’s DIRECTOR is a fleet management platform that tracks assets and collects data to meet a range of business needs and to drive enhanced productivity for users. The software provides tracking, messaging and routing, driver behavior analysis tools, and concise reporting features. Safety Analytic is its safety module that scores driver performance based on company priorities and replays unsafe driving events to aid driver training. DIRECTOR is a web-based application for fleets in a variety of industries.

—Teletrac Navman, [www.teletracnavman.com](http://www.teletracnavman.com)
SCIA Engineer 16

SCIA Engineer 16 includes over 350 updates and new features including enhancements in concrete and steel design. More than 70% of version 16’s updates were developed from user feedback. The concrete design software features include new workflows and improved design of concrete beams and columns (Eurocode 2), a new concrete shear wall and frame module that includes Pushover (ACI 318-14, ASCI/SEI 7-10, and FEMA 356), and improved concrete slab and shell design (NBR 6118:2014). In addition, the BIM and usability features provide users the ability to export to Tekla v21.1, use IFC support for Allplan, and import PDF files into Engineering Report.

—SCIA a Nemetschek Company, www.scia.net

NoteVault One Team. One Report.

NoteVault launched One Team. One Report. The program is designed to increase transparency, while reducing administration costs of managing subcontractor reports on large, complicated building or engineering projects. The new program enables construction companies to invite subcontractors to contribute project documentation to any project within their account at no cost to either the contractor or the subcontractor. The subcontractor can post notes, photos, and labor to any project, no matter how many subcontractor companies are working on the project. Each subcontractor is allocated an individual NoteVault account. NoteVault links the subcontractor project to the construction company project report. This results in a daily report, including all subcontractor notes collated for reference, delivered every day or on demand. In addition, subcontractors receive their own reports for their work.

—NoteVault, www.notevault.com

StockpileReports.com

StockpileReports.com announced advanced support for stockpiled material inventory management. Users can accurately and consistently measure material stored in bunkers with iPhones and drones. The ability to use a mobile device for indoor or outdoor bunker measurements provides subscribers the opportunity to attain accurate inventory, eliminate write-offs, and make more data-driven decisions. Subscribers can obtain report results such as stockpile volume, tonnage, and pile locations via an iPhone or drone data.

—Stockpile Reports, www.stockpilereports.com

GivenHansco Keystone Accounting Suite

GivenHansco upgraded essential functionality for its Keystone Accounting suite. The financial accounting software features capabilities such as jobsite mapping/routing using either ship-to or delivery instructions, editing ticket times for invoiced tickets, product lookup by UPC bar code, low product warning in ticket printing, updated dispatch truck demand graphs, improved inventory reconciliation, and improved payroll wage rate handling. Keystone Accounting is designed to optimize productivity based on the business methods and unique accounting requirements of materials producers. This full complement of integrated solutions is offered in a scalable package.

—GivenHansco, www.givenhansco.com

TrimFleet Mobile Connect

Trimble® TrimFleet™ Mobile Connect is for ready mixed concrete operations and is an extension of the TrimFleet Mobile software suite that is wirelessly connected to the Trimble TVG850 telematics device. This Android™-based application provides auto-status technology throughout the ready mixed delivery cycle. Drivers can access CoPilot® Truck™ navigation, text and voice communications, driver ID, and delivery information on an Android display. Leveraging the TVG850, TrimFleet Mobile Connect can decrease driver interaction associated with push-button solutions and provide more reliable status and communications via the telematics device’s onboard WiFi and cellular capabilities. Dispatch and management can view more accurate status updates that are sent automatically to TrimView, Trimble’s office software solution for construction logistics management.

—Trimble, www.trimble.com