

## Synchro Software Solution for FC Barcelona Stadium Project

Bentley Systems, Inc., recently presented Synchro, a 4-D construction modeling solution, at Microsoft Inspire, Microsoft's annual partner conference in Las Vegas, NV. The "Mixed Reality (MR) and the Cloud" session at the conference featured Synchro as part of a mixed reality construction management solution for the renovation of FC Barcelona's Espai Barça sports complex in Barcelona, Spain. Bentley's Synchro leverages Microsoft Azure and HoloLens to provide an immersive construction management solution. In conjunction with time-lapse monitoring footage of the construction site provided by EarthCam, Bentley's Synchro will help the stadium project team visualize and compare construction progress with the 4-D construction model. Bentley Systems is a Mixed Reality and CityNext partner with Microsoft. The company received the 2018 Microsoft CityNext Partner of the Year Award for its Azure-enabled software solution for Mass Rapid Transit Corporation's Sungai Buloh-Serdang-Putrajaya high-speed railway project in Malaysia.

## New Tools and Tech on Euclid Chemical's Website

The Euclid Chemical Company has launched a new website ([www.euclidchemical.com](http://www.euclidchemical.com)), designed to make it easier for contractors, engineers, concrete producers, and end users to find the technical information they need. To meet its customers' requirements for a more user-friendly mobile experience, Euclid Chemical has created a fully responsive website that adapts to any desktop, smartphone, or tablet. While the navigation and functionality of the previous site has been preserved, new features have been added to improve the user experience. In addition, there are several new tools and resources that have been designed to simplify access to technical documents and product information.

The website's Distributor Locator now features a Google Map with pin points for all U.S. distributors of Euclid Chemical Construction Products. Search criteria can be filtered by state, region, or zip code, so users can find contact information for the distributors nearest to their locations. One can also browse through Project Profiles and see how Euclid Chemical is providing value-added support to the construction industry. Many of the profiles show how Euclid Chemical's sales force has provided solutions.

Users can also access a vast library of technical data, brochures, sell sheets, application guides, technical bulletins, specification guides, and product certifications through the Download Center tab. The Technical and Safety Data Sheet page provides easy access to product documents. The new

website also provides Euclid Chemical's FiberCalc app for calculating TUF-STRAND SF fiber dosages. This tool has been updated to provide a more user-friendly experience and is available as a web-based application for easy access on all devices.

## Expanded PlanGrid Partner Integrations

PlanGrid's partner ecosystem has added more than 10 partners that have integrated with PlanGrid technology since the start of 2018. In the nearly 2 years since PlanGrid launched a public application programming interface (API), partner companies have built and deployed over 20 integrations with the company's software. Partners such as Holobuilder, Sensera, Stamplay, and Uplift Data Partners are integrating their technology directly into PlanGrid, creating a centralized project record. Construction companies can use the latest technology—such as drone orthomosaics, 360-degree photos, time-lapse videos, and other rich data—in every facet of building and maintenance. Partners can also enhance collaboration by syncing information gathered in the field to their own platforms. For example, a PlanGrid customer can use Uplift Data Partner's network of vetted and experienced pilots to take drone images of their jobsite. These images can be uploaded and processed within SiteAware before being submitted to PlanGrid as project reference documents. Images can also be attached to RFIs created by field workers.

## Construction Estimating and Accounting Processes Connected

ProEst has integrated its construction estimating software with the business management cloud-based software of Acumatica. ProEst combines cost estimating, digital takeoffs, and bid day analysis in a single, cloud-based solution; and it includes a comprehensive materials database, visual assemblies, and support for cost update services. Acumatica's Construction Edition is a full-featured accounting software system that helps improve project control at all stages of home, multi-family, commercial, mixed-use, land development, and government projects.

## 3D Repo Joins UK BIM Alliance

3D Repo is helping to promote the adoption of the next generation of building information modeling (BIM) best practice by joining the UK BIM Alliance. 3D Repo will be a participant in the Alliance's Technology Group, which promotes discussion, agreement, and adoption of interoperability and open BIM standards in the UK and Ireland in conjunction with the Alliance's Standards Group, which in turn helps to raise and support the Alliance's drive to

digitally transform the built environment. “We are delighted to welcome 3D Repo to the Alliance,” commented Anne Kemp, Chair of the UK BIM Alliance. “As a well-known technology innovator, 3D Repo brings specialist knowledge combined with valuable practical understanding that while 3-D BIM is a powerful catalyst for change, there are legacy issues that can potentially frustrate modernization and digital transformation.” Jozef Dobos, CEO of 3D Repo, added, “Building Information Modeling represents a major transformation in the way the construction industry works, and the benefits are immense. However, we need to work together to accelerate change that is crucial for the evolution of construction. The UK BIM Alliance plays a key role in communicating the benefits of technology to maximize its potential as the industry continues to adopt and adapt.” The Technology Group that 3D Repo joins is a special interest group within the Alliance. The group aims to be the link between the Alliance and technology vendors in the UK, provide a forum for discussion, agreement, and adoption of interoperability and Open BIM standards, and act as specialist advisor. The UK BIM Alliance was launched in October 2016.

## ACPA Award Winners

Earlier this year, the American Concrete Pumping Association (ACPA) handed out its 2017 ACPA Awards. The 2017 ACPA Safe Operator of the Year is Sheldon Gier, Kokosing Construction Company, Fredericksburg, OH. Gier has been a certified ACPA concrete pump operator for more than 12 years of his 30-year construction career. Gabriel Ojeda, President and CEO of Fritz-Pak Corporation, Dallas, TX, received the 2017 ACPA Hall of Fame Award. Ojeda has served on the ACPA Board as a Manufacturing Member since 2006. He is the first recipient of this award. The

2017 ACPA Lifetime Achievement Award was bestowed to Bill Germany, Tri-Way Concrete Pumping, Dallas-Fort Worth, TX. During his long career,

Germany has remained committed to advancing the concrete pumping industry as an active member of the ACPA and its Board of Directors.

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