

News **Bim-Minded Software Bundle Lifts Tilt-Up Wall Methods' Competitive Position**

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Sources: Tilt-Up Design Systems, LLC (TDS), Irvine, Calif.; Nemetschek Scia, Columbia, Md.

A 3D modeling program bundled with a design, detailing and estimating system stands to make tilt-up concrete methods more accessible to architects, engineers and contractors. "Today's tilt-up design, engineering and construction workflows are disjointed and inefficient," says TDS President Joe Steinbicker, P.E., S.E. "The current process requires the use of many different software packages that are separate and uncoordinated. As the project progresses, information is often recreated in each step and changes have to be coordinated manually—a time consuming and error-prone process. This software bundle offers a fully integrated structural design/detailing solution for tilt-up that saves significant time and makes changes easy during design and construction.

The bundle interfaces Scia Engineer, a premier 3D structural modeling and analysis program, with TDS' Tilt-Werks, a complete wall panel design, detailing and estimating system. It provides an integrated workflow for tilt-up that links 3D building modeling, engineering analysis and design, with automatic wall panel design and drawings, reinforcing steel design drawings, placing drawings and cut lists, material quantity takeoffs and accurate cost estimates. Tilt-Werks provides accurate quantity takeoffs and cost estimates based on the design created, notes TDS Vice President of Sales & Marketing Charles Reber, adding, In today's ultra-competitive bidding environment, the ability to optimize a design and create accurate cost estimates in a fraction of the time normally required wins more projects. TDS, 407/833-4982; www.TiltupBIM.com