

SKANSKA

Putting the jobsite in your pocket.



For Skanska USA Building, complex project documentation is eased with StructionSite.

Skanska, one of the world's leading construction and development companies, ranked among the top 10 Engineering News Record (ENR) contractors in 2020, is no stranger to documenting the progress of its building projects.

Even when armed with new 360° cameras, using cloud albums and phone storage, Skanska USA Building realized they could do more to collect and organize the documentation they needed. Organizing documentation can be a challenge for any company, and is especially important for a firm like Skanska with stakeholders across the globe.

The problem

When Skanska started using 360° cameras to capture the progress of their jobsites, Val Tzvetkov, Senior Manager of Virtual Design & Construction, knew it was going to be a big change for their process.

While 360° panoramic images capture a robust amount of information not available with traditional photography, it also presents a challenge. Their wealth of visual data needed to be appropriately organized and in context before it could be useful. Tzvetkov explained that with so much to sort through, he couldn't find the information he needed fast enough.

Even when he did find the information needed, it often didn't come with the detail needed in order to determine next steps and solutions when problem solving. For stakeholders not on site, particularly those thousands of miles away, reviewing daily progress was a high priority, but inaccessible despite its importance

The solve

To make their documentation accessible to everyone who needed it, and, perhaps more importantly, to give it context, Tzvetkov and his team started a global search for the best platform to host their 360° photos.

When Skanska found StructionSite, it discovered near-immediate benefits of StructionSite's automated documentation organization and ease of use. For a multinational company like Skanska, this quick ramp-up and low barrier of entry made a dramatic difference to its building operations in the United States. Suddenly, stakeholders didn't have to make trips to visit a jobsite. They could virtually walk the jobsite from any phone, tablet or computer.

"You're able to get information very quickly, from your computer or anywhere. It's like having the construction site in your pocket."

Val Tzvetkov Senior Manager of Virtual Design & Construction

The value of the solve exceeded the investment for an even bigger win

For Skanska USA Building, StructionSite didn't replace an existing workflow or introduce a new one. Instead, it enhances, organizes, and supports what they are doing already, making their documentation easier to capture and faster to access. And the benefits don't stop there.

Skanska USA Building saves time during building turnover and the as-built phase because it has thorough and organized documentation to support the handoff with the offline deliverable. On some projects where simply going between buildings to check progress could take upwards of five hours, the ROI with StructionSite has been greater than anticipated.

The new platform has helped Skanska streamline internal and external communication, even across the globe. Tzvetkov explains, "Being able to send [documentation] out quickly, attach it to an RFI, quickly pull it up on your computer, attach text to it—all these things help us."