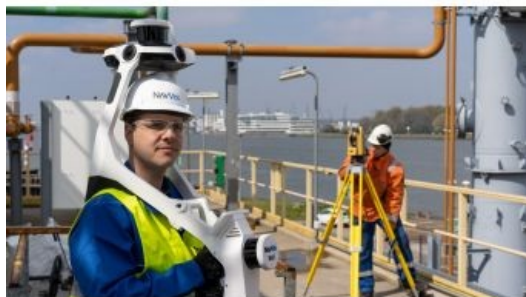# Introducing Episode One of the Scanning Realities podcast

In the first episode of NavVis' new podcast series, we hear revelations from world experts about the past, present and future of reality capture and documentation.

NavVis-VLX-3-CustomerValidation

'Scanning Realities' is the new podcast series that provides laser-focused insight into the current geospatial landscape and beyond, exploring industry challenges, market changes and future trends. If you have ever wondered where reality capture technology is taking the world of documentation, look no further. In Episode One, experts will discuss unprecedented 3D building scanning capabilities for site documentation, a gateway to better modelling and facility management.

The first episode is hosted by Michael Dutch, customer success team lead at NavVis, who has a background in geoscience and many years in both the architecture, engineering and construction (AEC) and oil & gas sectors. He is joined by two exceptional guests:

- **Lennart Andersson**, adjunct professor of architecture at the Pratt Institute, and director at Enstoa
- **Phil Bernstein**, associate dean and adjunct professor at the Yale School of Architecture

Scanning-Realities-with-NavVis-featured-image-with-sound-wave-new

The challenges: precision and prediction

"Reality capture moves beyond the traditional role of a surveyor, and it's much more than geometry. It is a position in space. It really opens a lot of possibilities," says Lennart Andersson during the first episode of 'Scanning Realities'. Phil Bernstein adds: "The challenges of the building industry are precision and prediction. And reality capture is all about improving those two things: making things more precise and predicting what's going to happen."â€¯

In Andersson's opinion, there's no reason not to scan anything. "Because the number of issues you will have if you don't, mean you're going to be paying for that many times over," he explains. Bernstein agrees: "I think reality capture is part of the larger, episodic or heterogeneous digitization of the building industry. For many, many years, digitization in our industry meant people using computers to draw 'stuff'. And now we are entering a realm where much larger swaths of the delivery chain are being digitized."

Embracing opportunities

So why not embrace this opportunity? And how can you do so? "Reality capture is the cornerstone, the starting block. If we're able to do some incredible computing and get a digital representation that's understandable by a computer, we could then move a step further and start thinking about past predictive maintenance – or a building that's then able to maintain itself," Dutch concludes during the podcast.

If you're working or learning with reality capture devices, or considering how they might help you in your line of work, then this first episode of 'Scanning Realities' is for you.

Listen to Episode One and unlock more resources!

Original article