



PORTXL

world port accelerator

Have you been virtually on board?

Interview with Stefanos Katsolis, co-owner and co-founder

Making extremely precise scans of a ship, converting the information into a 3D model and a Virtual Reality tour to determine exactly where and how to adapt the ship's infrastructure. This is what the Greek company XYZ 3D Laser Scanning does. "Our virtual installation is our unique selling point," says Stefanos Katsolis, co-owner and co-founder of XYZ.

XYZ is a Laser Scanning company that provides accurate (up to 1mm) drawings and 3D Models as well as providing virtual tours of each vessel. The user can virtually place himself anywhere on the vessel and view or measure the image. This facilitates decision making with the installation of new systems. Stefanos Katsolis is the co-owner and co-founder of XYZ: "With our 3D Laser Scanning a million points are measured automatically and converted into a big point cloud. This scanning is especially effective in complicated areas like engine rooms, tanks or vessels. Based on the big point cloud, we then build 3D models of the engine room, tank or vessel."



Unique system

“It can be difficult to find new clients. Not only finding new clients, but also convincing them that our system is useful to them and that they are ready for innovation. The market we are working in is huge. We’re not the only company doing 3D laser scanning, but we offer something unique: Virtual Reality tours with virtually installed systems. Our services are, for example, great for determining the best location for a ship’s on board Ballast Water Treatment (BWT) System. For “Erma First”, a company who produces and installs ballast water treatment systems, we did a project in the context of a significant Marine sector exhibition (Poseidonia2016). ‘Erma First’ produces and installs big BWT systems with large compartments. The company wanted to show to potential clients, their BWT systems in the engine room of a big vessel. So we did a 3D virtual tour for the 12000 visitors of the exhibition” Stefanos explains. “Our most recent project was in Greece. We worked on a 16-meter boat on which the client wanted to install a new system. We made the scan and created a 3D model. The clients were very satisfied and even asked us to work on another vessel. We are now looking to increasing cooperation; this is still in progress. Right now we are mainly focusing on pilot projects and on enriching our website.”

You can visit XYZ’s website on: <http://xyzlaserscanning.com>

