Transforming HII: Digital Construction - KPx

Gordon Mount
Engineering Manager, Newport News Shipbuilding

We've had KP Cable on the deck plate for a little over two years now. The electricians have taken off and made it their own tool. We've released KP Equipment, which is the equipment hookup for the carrier.

So in both of those applications, we drop down a ship set of the information. A ship set of the VWI's with their current status, each module has the OQE where you can take credit for your completed work.

Both of these modules that we've built have been hand in glove with the trades. They're testing the capabilities.

They get the aids where they can see where the box is, if it's the first time they're going to the ship and into a certain area and they don't know where the boxes are, they can pull up an equipment map in less than eight seconds for their box, and they can see right where all of those components are.

Before, that would take a lot of research to find all this work. And they get it all digitally. This is going to be something that that is the wave of the future.