



PTC's IoT President, Craig Hayman, presents a remarkable lineup of digital technologies poised to change the world at LiveWorx16.

August 29th, 1997 was a very important date in the alternate history of the world. That was the day when a runaway self-aware computer network, known as *Skynet*, which was hooked into everything (i.e. *The Internet of Things*), seized control of America's nuclear arsenal and launched an apocalyptic nightmare that nearly ended humanity under the cold steel of their robot overlords.

Fortunately, *PTC's Internet of Things* (IoT for short) wasn't responsible for *Skynet's* rise to power.

And equally as fortunate that in the current history of the world we have a wealth of networked devices, appliances, vehicles, medical equipment, and financial markets all safely under human control...or is it?

Well, PTC would like you to rest assured that that is truly the case. And after a series of dazzling presentations at the **2016 LiveWorx Conference**, humanity's future seems pretty exciting as it enters into a brave new digital world of interconnected-everything from manufacturing to medicine, facilities management to making cars, and more!

The concept of The Internet of Things was typified by an hour-long presentation hosted by PTC's IoT President, *Craig Hayman*. He ascribed one of *Ralph Waldo Emerson's* famous quotes to the breadth of his discussion:

"Life is a journey, not a destination."

Therefore, the title of the presentation was aptly named **Journeys of Transformation**.

Here he presented several journeys of businesspeople using PTC's [ThingWorx](#) software platform to enhance their business operations.

First up was *Joe Justice*, President of the **Scrum@Hardware**, who used PTC's [AgileWorx](#) to enable his team to manufacture a new hybrid concept car from design to prototype in just three months. This vehicle won the *Progressive Insurance XPrize* for Environmentally-Friendly fuel-efficient motor vehicles (i.e. 100+ miles per gallon).

Then we heard from *Jill Newburg*, Senior Director of PLM Market Development, who demonstrated the immeasurable value of [Augmented Reality](#) using **Vuforia** technology in the manufacturing space. Just think of that view from *The Terminator's* eyes where it not only sees its next target but also a wealth of sensory and utility information surrounding it. But instead of wiping out humanity's last hope of resisting the machines, industry experts like Newburg use the same technology to enhance product R&D by providing a wealth of real-time information surrounding real-world products.

And finally Hayman invited to the stage *Kevin Bollon*, VP of Building Services for **Trane**. Bollon talked about how PTC's [Remote Service Platform](#) allows Trane to monitor environmental conditions in a whole sequence of non-contiguous interconnected buildings such as a chain of movie theaters. This technology allows for the savings of millions of dollars a year by Trane customers—managing facilities more efficiently and cost effectively utilizing these advanced and highly dynamic automated systems.

These journeys represent the tip-of-the-iceberg of PTC's neural-like networked eco-system of software products that have the potential to positively inhabit every technological facet of our modern lives.

Let's just hope that they never become self-aware!

SEO

Meta-description & RSS Feed: PTC's IoT President, Craig Hayman, presents at the 2016 LiveWorx Conference a comprehensive and bold new vision for the digital future of industry, with guests from Scrum@Hardware, Trane, and a demo of Vuforia. This presentation featured PTC's ThingWorx, AgileWorx, Augmented Reality, and Remote Service Platform.

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