



Javier Diaz

Chief Technology Officer

Member Profile



Member since 2017

Large Industry Member

Lead, Smart Factory Machine Learning for Predictive Maintenance Testbed

Author, "Making Factories Smarter Through Machine Learning," *Journal of Innovation*

Peer reviewer, *Journal of Innovation*

Why is Aingura IIoT a member of the Industrial Internet Consortium?

We first joined the IIC because of our partnership with Xilinx. We worked with Xilinx technology and were interested in creating a testbed with more companies to test our technology and machine learning algorithms. We also needed exposure to end users or partners with end users, like Microsoft. With newly developed algorithms oriented to maintenance and our new computing node, Aingura Insights, we needed new partners for the next phase of our solution and membership in IIC helps us find the right partners.

How has Aingura IIoT benefited from being a member of the IIC?

The most important benefit for us as an emerging technology company has been the exposure and awareness. We've also been able to develop our products faster. Participation has enabled us to find partners with high-quality products and find the right people. As a new technology in terms of machine learning and edge computing, for me is not easy to find the right provider. At the IIC, I can find the right person within this ecosystem, often face-to-face at member meetings. We've been able to test our product on more platforms, like Azure and Predix, so that our customers can have confidence in our products, and it has helped us find partners. We met our hardware partner and our computation testing partner through the IIC.

What do you participate in at the IIC?

I am an active IIC member. I co-lead the Smart Factory Machine Learning Testbed, am a frequent presenter and a peer reviewer for the Journal of Innovation. I also take advantage of IIC Connect and general networking at meetings.

Beyond the working groups, I'm able to meet members who are facing similar technical challenges. For example, we are collaborating with a fellow member who is having similar problems. We don't have a commercial relationship with them, but we are able to work together to solve our joint problem.

What advice would you give new members?

Participate in a testbed. This has proven to be a great opportunity to get to know people and share knowledge. We can work together and learn from each other and the IIC provides the ecosystem to make it easy.

I would also say that you have to commit the time to book meetings and network and share problems. If you put in little effort, you don't get as much out of your membership.

