



# ISSEI TAKINO FROM MUJIN

**HOSTS: Adam Burden**

**GUEST: Issei Takino**

**Adam Burden:** Hi, I'm Adam Burden with Accenture. I'm here with Issei Takino who is the CEO of Mujin. I am so excited to talk to you today. You know, the interesting thing that I find about Mujin is that you're not making better robots. You are making robots better, tell me about what that means.

**Issei Takino:** So right now in the world, there is so many good robot makers, right? But when you see the industries, actually, integrating robot take so much time. Right? So that's actually one of the problem. We need a professional to program, to move the robot, right? So, you know, instead of being robot makers, we decided to make new universal and the intelligent controllers platform softwares. So, you know, basically, we made robot easier to use and then like, you know, more intelligent. So in order to do that, you know, we are trying to expand the robot market.

**Adam Burden:** Amazing, and can you tell me about one of your success stories inside of a warehouse environment? Tell me about how the robot controllers that Mujin offers have really optimized warehouse operations for robotics.

**Issei Takino:** Yes, so like, you know, we are producing the controllers called the Mujin controllers. So Mujin controllers' core technology is in motion planning. The motion planning is like basically the robot teachers, you know, the functions, right? Technologies. So usually, in order to move the robot, we have to program, we have to teach robot, and then robot is going to repeat what we taught. So this is the base function, conventionally. But like when we try to set up the robot in the logistics, in the warehouse, robots have to deal with so many kinds of SKU, right?

**Issei Takino:** We cannot program or we cannot teach, you know, motions, one by one to each SKU because every day, like so many SKUs increasing. So robot has to be teachers in order to work in logistics. So, you know, in order to by implementing in our controllers, set up the controllers to the conventional industrial robot, robot actually make much smarter, actually with our 3D visions, robot can see, you know, new things. Many different kinds of SKU and it can judge how to move, how to pick, how to pack, and then like, how to ship. Everything.



**Adam Burden:** So you've put a form of artificial intelligence into the controllers to allow the robots to sense the environment around them and new objects they might need to move or to reposition. And they can do that without being specifically taught. What an incredible advancement and a great benefit for your customers.

**Issei Takino:** Yes, exactly.

**Adam Burden:** Alright, well, thank you so much for talking with us today. Really appreciate your input, thank you.