

# World Congress on Industrial Automation

July 20-22, 2015 San Francisco, USA



## *Charlie Duncheon*

*Grabit Inc., USA*

### **Robot growth enablers**

The industrial robot industry has experienced steady growth for the last four decades. Certain technologies like machine vision have enabled that growth. Today, there are multiple enabling technologies that are allowing even faster robotics growth. The enabling technologies will be covered including sensing, new robotic mechanical form factors, and artificial intelligence. These key technologies will be described in depth and how they are enabling faster robotics growth. The exciting impact these enabling technologies will have on robotics going well beyond the factory floor will be discussed. The speaker will also address technologies that not only expand robots to new applications but lower the total life cycle costs of robots.

### **Biography**

Charlie Duncheon is the Co-founder and Advisor of Grabit, Inc. He has more than 25 years of senior management experience in leading the growth of start-ups to successful companies. He has served on several Board of Directors including the Robotics Industries Association and Automation Technology Council. In 2000, he received the Robotic Industries Association Joseph Engleberger Leadership Award. Previously, he was elected President of the Robotics Industries Association, and served as the U.S. National Chairman for the United Nations International Federation of Robotics. He received his MBA from Southern Illinois University and his BS in Industrial Engineering from Purdue University.

[charlie.duncheon@grabitinc.com](mailto:charlie.duncheon@grabitinc.com)

### **Notes:**