# Webinar

**FREE WEBINAR**

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## Man-Machine Collaboration – Safety Sensors

**Join us for a Webinar on Thursday, October 30, 2014**

Automation and the use of robotic systems has increased factory output and efficiency dramatically over the last few decades. Automated systems handle tasks that are repetitive or dangerous, allowing workers to focus on tasks that require dexterity and critical thinking. As these manufacturing facilities become more complex, humans will need to work in conjunction with robotic systems in certain manufacturing processes. Currently, safety application engineers have aimed to design systems that isolate robots from humans. While this practice promotes maximum safety, it can also lead to inefficiency. The solution is to use advances in decision making algorithms as well as automation hardware to create an environment where humans and machines can work together in tandem. The Man-Machine Collaboration – Safety Sensors Webinar will focus on the new technologies that are enabling this shift. Machine vision, sensors, safety scanners, and safety light curtains are just a few of the enabling technologies that are being deployed in man-machine collaborative manufacturing projects. As this trend develops, new and innovative solutions will emerge such as 3D bubble safety and faster machine learning algorithms. This webinar will explore some of the business opportunities within this space, as well as discuss the remaining technological hurdles that must be overcome.

An integral part of the Industrial Automation and Sensors Practice, Frank brings a wealth of knowledge to VDC from the semiconductor manufacturing space and the automation industry. Prior to joining VDC, Frank served in strategic industry sales roles at Keyence and SICK. At Keyence, Frank was a leader in promoting next-generation digital microscopes to quality and R&D teams across the Northeast. At SICK Frank focused on electronics and solar OEMs. This well-rounded and direct experience has helped Frank bring value to his research and spot trends before they materialize. In his spare time, Frank enjoys mountaineering and is an avid follower of global financial markets. Frank graduated from Villanova University with a BS degree in physics as well as a minor in mathematics.

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## MARK YOUR CALENDAR

**Date:** Thursday, October 30, 2014
**Time:** 1pm EST

**Space is limited.** Reserve your Webinar seat now at:
https://www3.gotomeeting.com/register/654538798

After registering you will receive a confirmation email containing information about joining the Webinar.

## SYSTEM REQUIREMENTS

PC-based attendees
Required: Windows® 8, 7, Vista, XP or 2003 Server

Mac®-based attendees
Required: Mac OS® X 10.6 or newer

Mobile attendees
Required: iPhone®, iPad®, Android™ phone or Android tablet

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