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Dear Reader:

Welcome to the *Data* edition of the Journal of Innovation! The Thought Leadership TG which guides this periodic publication challenged the membership with the broad theme of Data, knowing the topics submitted would offer variety and fresh perspectives. As noted by one of the contributors to this edition, the ability to gather more and better quality industrial data is exposing new sources of value as organizations find ways to apply that data to make better decisions. Cultivating that ability is a key to success across all industries.

We are pleased to share with you three unique articles highlighting different topics under the Data umbrella, a synopsis of our influential Endpoint Security Best Practices white paper and an update of exciting IIC activities (recently behind us and just up ahead on our calendars):

- Pieter van Schalkwyk of XMPPro and his co-authors use a practical example of an Oil & Gas company to explain traditional Root Cause Analysis and the evolution of Causal Analytics in *Causal Analytics in IIoT – AI That Knows What Causes What, and When*.
- William Sobel of VIMANA dives into the requirements, in a discrete manufacturing environment, that lead to actionable information and interoperability between industrial systems in *The Path from Data to Actionable Information as a Driver for the Industrial Ecosystem*
- Ken Figueredo, as our invited guest, contributes an article exploring how IIoT data is fostering new and different ways to collaborate, innovate and gain economic value in *There Are New Markets for Industrial IoT Data*.
- Cheryl Rocheleau of the IIC, summarizes in an executive overview the important elements of the *Endpoint Security Best Practices* white paper recently published by the IIC Security Working Group.
- *What's New in the IIC* provides a brief snapshot into recent activities and a teaser to our big October announcement.

We hope you enjoy this edition and let us know if there are any topics you'd like to see covered in the future. The September edition of the Journal of Innovation will focus on Trustworthiness. The September edition will complete our 2018 publications as we prepare to kick off the 2019 publications in February – more details to come.

Best Regards,

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