INTERNET OF THINGS & WIRELESS COMMUNICATION

WEBINAR DATE: 08/21/2019
WEBINAR TIME: 12 – 1 PM

Presentation Title: Internet of Things & Wireless Communication

Presenter: John Thompson & Jonathan Shawhart

Presenter bios:

John Thompson

JTS, General Manager

John is responsible for the overall business operations at JTS and has 23 years of communications integration related experience. JTS has a broad client base, including water/wastewater, utility, city/county, state, educational, and enterprise clients, and provides turn-key wireless infrastructure solutions for all of these verticals.

Jonathan Shawhart

Cambium Networks, Sales Manager – Industrial/Government Markets

Jonathan is a sales leader in the industrial and government team at Cambium Networks. Jonathan has more than 20 years of experience in the wireless telecommunications industry with broad range of technical knowledge and hands on experience. His current role has him focused on servicing many Fortune 500 companies in oil and gas, freight rail and utility verticals in the central region of the U.S. as well as working with large and mid-size municipalities for fixed wireless broadband applications.

Presentation Overview/Synopsis: The presentation provides information to help companies navigate the many opportunities that the Internet of Things (IoT) and the Industrial Internet of Things (IIoT) present with respect to the available wireless communication solutions.

Area of Interest: Safety & security, wireless communication.

Presentation Questions:

1. Question: Which one of these it typically not considered a part of the Industrial Internet of Things (IIoT)?
   a. Water/Wastewater Plants
   b. Power Utilities
   c. Household Appliances
   d. Manufacturing
   e. Agriculture

2. Question: Which one of these it typically not a concern when deploying a IoT/IIoT solutions?
   a. Security
   b. Color Scheme
   c. Interoperability
   d. Sufficient Bandwidth
   e. Network Management

3. Which is not a benefit of wireless IoT/IIoT solutions?
   a. Scaleability
   b. Spectral Efficiency
   c. Meeting Bandwidth Requirements
   d. Better Performance due to Rain Fade
   e. Geographical Coverage

4. A Point-to-Multipoint (PMP) Network typically consists of an Access Point (AP) and:
   a. A Second AP
   b. Broadband Routers
   c. End Points (EPs) or Subscriber Modules (SMs)
   d. Fiber
   e. Cellular Modems