

Dear Automation Professionals

We are happy to invite you for our next techTalk on 9th December, 2017. The details are as follows: Kindly register through a mail to confirm your participation providing following details

Name, Mail ID, Mobile Number and Company

Topic: IOT Case Studies and Cyber Security

Date: 09 Dec 2017 Time: 1530 to 1600 hrs. Registration

1600 to 1730 hrs. techTalk

1730 to 1800 hrs Networking Hi Tea

Venue: Hotel Chancery, Lavelle Road, Near Cubbon Park, Bangalore.
(Entry from St. Marks Church side – MG Road. 2nd building on right)

Speakers: **Ram Kerur**, President ISA Bangalore Section and Director Sunlux Technologies Pvt Ltd. & **Ashutosh Srivastava**, CTO Evenion Solutions

Abstract:

The speakers will share their experiences with case studies of implementing IOT framework for a variety of applications like- Battery, Generator Monitoring, and emergency light, fire alarm monitoring and associated security solutions.

Airports and Metro stations have multiple locations of critical operations and need power back up by UPS and as well generators even if one battery fails it will impact of complete battery banks and if the diesel generator does not start as expected or under performs, is a serious concern and this needs to be monitored and proactive maintenance has to be done for high availability.

Similarly, emergency light and fire alarm monitoring, are lifesaving and have to work under emergency situations and if the systems are not checked and healthy we are in deep trouble.

IoT from a security standpoint is where Internet was 20 years ago. How do we stop a consumer from hacking the energy meter to reduce monthly bill? Or a hacker to sniff data packets coming out of the car or home security system to bypass any security measures. What makes IoT systems vulnerable is communication and

product design. A recent study showed that 70 percent of IoT devices contain serious vulnerabilities. The speaker will discuss about the implementing security in the IOT framework.

Speaker Profile:

Ram is Director at Sunlux Technologies Pvt Ltd., focused on Make in India for Aerospace, Defense and Industrial Sectors. He has executed critical projects for Indian defence and Aerospace. Sunlux is the first company to deliver, Oxygen control system for the Indian Navy. They have delivered 50 MT Solar reactor to KCC Korea to produce Solar Grade Silicon. Sunlux has delivered multiple robotics to work in hazardous Environment for department of Atomic Energy, Thermal Data Acquisition and Control for testing of Satellites. Chandrayan and Mangalyan tested with this system by simulating Space condition in Thermo Vacuum chamber.

Ram is also Director, Energy Automation, Dubai- Implementing Energy Saving Projects for Dubai Airports, Hospitals and Metro.

And Director, Judava Pvt Ltd- involved in providing private Cloud Set up for customer who have constraints to go to public cloud.

Ashutosh is CTO Evenion Solutions and advisor to over 70 companies on Technology. Ashutosh completed his MS in Computer Science with Major in Cryptography from Illinois Institute of Technology, Chicago

As Director and CTO at Evenion Solutions he focuses on IoT and Digital Transformation. Evenion has devised a platform for micro service based Architecture for IoT devices. He has worked on IoT solution for Ambulances with Govt. of Karnataka. He has Patent Pending design for IoT farm with secure communication.

Ashutosh is also Director Jodava Tech Pvt. Ltd focused on building container based infrastructure to support in house, private cloud or public cloud setup within minutes with role based access control for Users to restrict access at any level of the hierarchy.

Ashutosh was Vice President at J. P. Morgan Chase and lead the technology team in Market and Credit Risk.

Ashutosh was also Motorola, Ethical Hacker- Responsible for detecting threats at Motorola mobility with focus on identifying risks inbound and outbound.

Note: The techTalk will be followed by networking Hi Tea
Entry is free for ISA Members. Non-members are also welcome

Contact:

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With Regards,

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