Département des Systèmes d'Information et de Communication de L'Ecole Nationale des Sciences Appliquées de Tanger

organise en partenariat avec

Optomation Systems, Espagne

une Formation sous le Thème :

Future of Industrial Automation

09-10 Mai 2019 à l'ENSA de Tanger

Inscription gratuite et obligatoire dans la limite des places
La date limite d'inscription est fixée au 03 mai 2019

Public cible:

Responsables d'entreprises industrielles, Direction technique, Cadres techniques, Ingénieurs, Enseignants chercheur, étudiants
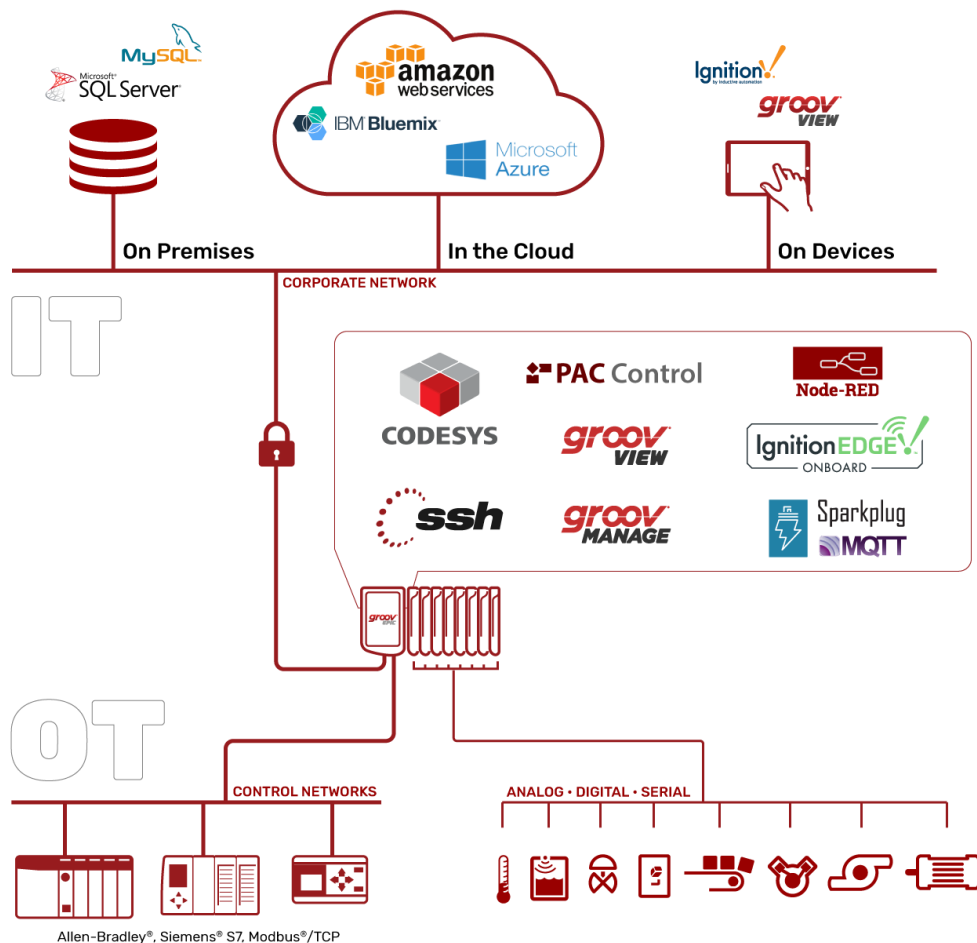
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PROGRAMME

- **Titre "Fog Computing" vs. "Edge Computing" and the Future of Industrial Automation**
- **George Mitchell - Technical Director - Optomation Systems**
- **Abstract:**

  It is estimated by the year 2021, there will be 26,000 million IoT devices connected to the Internet (Source*: Gartner*). Are we really prepared technically for what this will involve? Why, how and who is changing the way the Internet works today, preparing it for what is being called the Fourth Industrial Revolution? In this seminar we will be exploring and demonstrating the possibilities and limitations of industrial communications, the emerging technologies and next generation products now replacing them and the career and business opportunities offered by "Industrial Cloud Computing"

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Optomation Systems is an industrial technology provider with over 25 years' experience of providing control solutions and I.T. integration for end customers in the process control and manufacturing industries. The company covers all of the parts of the puzzle, from sensors and I/O, data acquisition, logic programming, distributed intelligence, process control, user interfaces, communications networks, data management, transfer and processing in cloud platforms.

Atelier: 13:30 – 19:00 , 09 et 10 May, 2019

Places are limited and will be filled in strict order of registration

- **Titre: groov EPIC Training Session**
- **George Mitchell - Technical Director - Optomation Systems**
- **Abstract:**

roov **EPIC** is the world's first EDGE controller for industrial automation. Winner of the prestigious Control Enginering 2019 Engineers Choice Award, the product is creating a shockwave throughout the automation industry, simplifying the process of collecting, viewing, managing, integrating, securely connecting and serving industrial data to I.T. applications and platforms in ways not previously possible.For the first time in Morroco, Opto22 product specialists will be presenting *groov* **EPIC** in an introductory training session, allowing students hands on experience with EPIC Learning Centers, configuring functionality, connecting with their own computers, tablets and smart phones and exploring its multiple programming environments. *groov* **EPIC** include the following technologies: Ethernet TCP/IP, HTTP/HTTPS, HTML5 & SVG, OPC-UA, EDGE, REST*ful* APIs, IBM Node-RED, JavaScript, SSH, Python, MQTT, Sparkplug B and IBM Cloud, all of which will be introduced in the training session.