

Intelligent Factory by IntelliSense.io to be showcased at world's biggest industrial trade fair in Hannover

CAMBRIDGE, ENGLAND – April 13, 2015 – Industry 4.0 specialist IntelliSense.io will showcase the latest upgrades to their Intelligent Factory solution at Hannover Messe. IntelliSense.io specialises in delivering 'Optimisation as a Service' with rapid ROI and no upfront capital investment for process industries.

IntelliSense.io solutions are used by Europe's leading semiconductor manufacturing company, the world's largest uranium mining company and large global OEM among others.

Intelligent Factory

IntelliSense.io Intelligent Factory solution portfolio includes several system optimisation applications. At Hannover Messe, IntelliSense.io will demonstrate their Plant Utility System Optimisation (process cooling water, compressed air & make up air among others) application, which delivers significant plant energy and operational efficiency improvements. IntelliSense.io's systems enable customers to take advantage of Industry 4.0 capabilities and deliver significant capital efficiency.

As a major addition to the Intelligent Factory solution, the company will be previewing their new product Brains Virtual Optimisation Simulator (VOS). Brains VOS provides an offline system simulation environment that is calibrated continuously with real time data allowing engineers and plant operators to evaluate the performance and commercial impact of process and equipment changes. The product design has also incorporated web and mobile application development principles of simplicity and ease of use for both technical and non technical users.

At the heart of IntelliSense.io Intelligent Factory solutions, the Brains WSN (Wireless Sensor Network) product utilizes Linear Technology's SmartMesh® wireless sensor networking modules LTP5900-WHM (external antenna) and LTP5901-WHM (on-chip antenna). These modules deliver ultralow power operation and >99.999% data reliability, ensuring that Brains WSN can be retrofitted and deployed in a varied range of operating conditions. Brains WSN is being used in process plants to rapidly deploy parallel data acquisition infrastructure without any interference to existing control systems.

Intelligent Factory and its products will be showcased at the Linear Technology stand (Hall 9, Stand G29) at the Hannover Messe and will feature live demonstrations on the benefits it delivers. Visitors to the stand will discover how the following has been achieved by the deployment of the solution at a leading German process plant:

- Electrical and thermal energy savings
- Continuous verification of leakages in compressed air and gasses
- Extending operating life of current assets



Joy Weiss, President of Linear Technology's Dust Networks® group said, "SmartMesh wireless sensor networks are being used extensively in harsh industrial locations in order to optimize business operations. By joining real-time sensor data with enterprise level analytics, IntelliSense.io's Intelligent Factory will enable end users to improve efficiency in their plants."

Sam G. Bose, CEO of IntelliSense.io highlighted that "With the move towards the Industry 4.0 era of delivering services that combine traditional operational technologies and modern computing technologies, process plants can have a dramatic impact on improving their yield, productivity of their workforce and efficiency of their existing systems with limited upfront capital expenditure. The capability and knowledge IntelliSense.io delivers is based on combining traditional systems knowledge with real time data to enable efficiency improvements that were not possible before."

About IntelliSense.io

IntelliSense.io is the market leader in providing innovative real time data analytics over resilient wireless sensor networks for industrial applications. IntelliSense.io is a privately held company and is based in Cambridge, England. For more information visit intellisense.io/intelligentfactory


About Dust Networks

Linear Technology's Dust Networks product group develops the industry's lowest power and most reliable standards-based wireless sensor networking (WSN) products. Dust Networks' products are field proven, with over 45,000 customer networks deployed in 120 countries. By delivering >99.999% data reliability in tough RF environments, Dust Networks' wireless mesh networks are entrusted by customers to deliver critical sensor and control data reliably for many years without requiring intervention. With an average power consumption of less than 50µA in heavy usage applications, SmartMesh IP™ and SmartMesh WirelessHART products deliver over 10 year battery life, enabling wireless sensor nodes to be placed anywhere with the lowest ownership cost.

About Linear Technology

Linear Technology Corporation, a member of the S&P 500, has been designing, manufacturing and marketing a broad line of high performance analog integrated circuits for major companies worldwide for over three decades. The Company's products provide an essential bridge between our analog world and the digital electronics in communications, networking, industrial, automotive, computer, medical, instrumentation, consumer, and military and aerospace systems. Linear Technology produces wireless sensor network products, power management, data conversion, signal conditioning, RF and interface ICs, and µModule® subsystems. For more information, visit www.linear.com/dustnetworks

IntelliSense.io is a registered trademark of IntelliSense.io.

 , LT, LTC, LTM, Linear Technology, the Linear logo, Dust Networks, SmartMesh and µModule are registered trademarks and SmartMesh IP is a trademark of Linear Technology Corp. All other trademarks are the property of their respective owners.



For further information please contact;

PR Contact
IntelliSense.io
Joanne Hurley
+ 44 (0) 1223 581201
joanne@intellisense.io



PR Contact
Linear Technology
John Hamburger
1-408-432-1900
jhamburger@linear.com