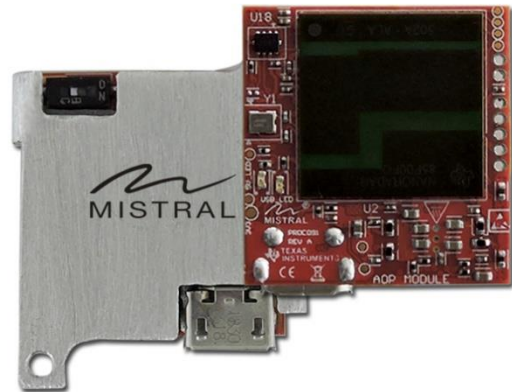# Mistral Announces Small Form Factor, Production-ready Industrial Radar on Module

An ultra-compact, low cost, integrated 60GHz radar module based on Texas Instruments' IWR6843 Antenna-on-Package (AoP) chipset

Bangalore, India, Wednesday, 12 December 2018: Mistral Solutions, a leading technology design and system engineering company, today announced its USB-powered, production-ready 60GHz Radar on Module [RoM] for Industrial Automation applications. The 60GHz RoM is a highly-integrated ultra-compact solution based on TI's newly launched [IWR6843 Antenna on Package (AoP) Chipset](#).

Features

- Fully-integrated module based on AoP technology
- Small footprint 60GHz Radar on Module
- Low Power & Self calibrating
- Host interface: UART over USB
- Delivers processed point cloud radar data
- Heat sink that facilitates mounting
- SDK 2.1 from Texas Instruments with Demo applications
- Dimension: 23mm x 22 mm

Application Targeted:

- Robotics
- Industrial Safe zone & Free Space monitoring
- Fluid Level monitoring
- People Counting, occupancy detection
- Building automation
- Security
- Parking Management
- Traffic Management

"Mistral's 60GHz Radar on Module will be a benchmark in Industrial Radars, not only in terms of its footprint, but also offering tremendous functional & performance capabilities." said Srinivas Panapakam, VP – PES Sales & Business development, Mistral Solutions. "The RoM is capable of

transforming various industrial applications such as factory automation, building automation, material management, surveillance & traffic monitoring" he added.

Mistral's 60GHz small form factor RoM is among the first Industrial Radar Modules based on Texas Instruments IWR6843 Antenna on Package Radar chipset. Mistral is a TI Design Network partner and has worked with Texas Instruments on the mmWave Radar along with sensor fusion and in developing reference designs for IWR6843 AoP Chipset.

Mistral offers end-to-end embedded design services helping product developers translate ideas into innovative, feature-rich products that can be brought to market faster. From concept to execution & prototyping, Mistral can assist OEMs to realize their product design. Product developers can leverage Mistral's expertise in Radar systems and related product development to realise your products using 60GHz AoP Radar Module.

For more information, pricing and customization, please contact sales@mistralsolutions.com

About Mistral

Mistral is a technology design and systems engineering company providing end-to-end solutions for product design and application deployment. Mistral is focused in three business domains: Product Engineering Services, Aerospace & Défense and Homeland Security. Mistral provides total solutions for a given requirement, which may include hardware design, embedded software development, systems integration and customized turnkey solutions Mistral is a platinum member of TI's Elite Design House Network and has designed over 100 products based on various TI DSP and ARM processors.

Mistral's Product Engineering Services are delivered through a proven development process, designed for embedded product development. Mistral's hardware and software team works together in a seamless manner providing expert product designs covering board and FPGA Designs, BSP and Firmware developments, Embedded Application developments, integration of 3rd party solutions, testing & validation, product prototyping, production coordination and product sustenance services

Contact:

Akhila DS, Assistant General Manager – Marketing
Mistral Solutions Pvt. Ltd.
No.60, 'Adarsh Regent', 100 Ft. Ring Road,
Domlur Extension, Bangalore – 560071
Tel: 91-80-30731557
Email: akhila@mistralsolutions.com