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Time Domain Announces Release of PulsON[®] 400 Monostatic Radar OEM Module

Ultra Wideband Platform Ready for Integration into Customer Products

Huntsville, Alabama (November 11, 2011) – Time Domain, a leader in ultra wideband (UWB) product development, today announced the newest addition to its award-winning PulsON[®] product family, the PulsON 400 Monostatic Radar Module (P400 MRM). This new OEM module, based on the company's pioneering UWB radio frequency (RF) technology, allows product developers to integrate radar sensing capabilities into their own UWB-enabled products.

The P400 MRM represents the culmination of over a decade of UWB radar research and product development, including five generations of custom silicon. The small (3" x 4") module provides users with raw and filtered waveform scan data, achieving the RF bandwidth and high range resolution (HRR) normally associated with much more expensive radar systems at a fraction of the cost and at lower frequencies to support optimal penetration through obstructions. The MRM's coherent scan-to-scan data offers outstanding moving target indicator (MTI) capability for a variety of targets. The P400 MRM is accompanied by a robust Applications Programming Interface (API) which supports user creation of sensor networks for surveillance, intrusion detection, and other security applications.

"The affordability and performance of the P400 MRM makes it ideal for many applications – both indoors and outdoors," said Rachel Reinhardt, CEO of Time Domain. "Our short pulses and precise system timing provide excellent clutter rejection with virtually no short range blind region. The ability to collect raw waveforms allows users to optimize signal processing for their application."

The P400 MRM is well-suited for many applications, including (but not limited to):

- Non-cooperative (tagless) tracking
- Proximity and intrusion detection
- Collision avoidance for unmanned vehicles and robots
- Through-wall sensing

The P400 MRM shares the same hardware platform as the company's PulsON 400 Ranging and Communications Module (P400 RCM). "One of the advantages of Time Domain's technology is the ability to combine capabilities in a single platform," said Reinhardt. "With the release of the P400 MRM, we are adding a new dimension to our product offering that will allow us to address applications requiring a fusion of radar, ranging, and wireless communications."

Time Domain offers a Development Kit which bundles a P400 MRM with sample code and technical support hours to assist new users. The company also has an experienced Contract Services group available to provide design and development support, team with partners on proposal activities, and reduce the time to market for new products.

The company is now shipping P400 MRMs and Development Kits to customers. For more information on Time Domain and its UWB product offerings, please visit www.timedomain.com or call +1.256.922.9229.

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About Time Domain

Time Domain is a world leader in ultra wideband (UWB) product development and services. Time Domain's PulsON[®] OEM modules enable breakthrough capabilities for precision ranging, communications and radar applications for the military, government agencies, and commercial clients. www.timedomain.com.