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Trimble Introduces New Version of eCognition Software Suite with Powerful New Geospatial Data Analysis Capabilities

Enhanced Geospatial Data Analysis Software Includes Advanced Object-Based Point Cloud Analysis and Deep Learning Technology to Transform Data into Information

BERLIN, Sept. 26, 2017 /PRNewswire/ -- Trimble (NASDAQ: TRMB) today announced the release of eCognition Suite 9.3, a software platform for advanced geospatial image analysis for environmental, agriculture, forestry and infrastructure applications. Version 9.3 leverages the latest image feature extraction technology to solve challenging problems faster and more accurately for remote sensing specialists, Geographic Information System (GIS) experts, cartographers, photogrammetry and other geospatial professionals.

The announcement was made today at INTERGEO 2017, the world's largest conference on geodesy, geoinformatics and land management.

Trimble's eCognition software extracts accurate geo-information from remote sensing data. eCognition's intelligent information extraction capabilities accelerate mapping, change detection and object recognition by delivering standardized and reproducible image analysis results.

Trimble eCognition 9.3 adds 3D point cloud analytics and deep learning technology so customers can perform a broader range of geospatial analysis with a greater level of control. The new 3D point cloud capabilities enable users to integrate aerial and terrestrial point cloud data to perform complex 3D data classification, extract information and analyze change over time. The new version also adds automated detection of new sets of objects, including common assets found within industrial facilities, buildings and structures. By leveraging deep learning technology from the Google TensorFlow™ library, eCognition empowers customers with highly sophisticated pattern recognition and correlation tools that automate the classification of objects of interest for faster and more accurate results.

"eCognition's new 3D point cloud analysis broadens the range of applications and information that can be automatically extracted," said Olivier Casabianca, general manager of Trimble Geospatial. "We are excited to see customers use the new capabilities to solve challenging geospatial problems and create new applications for highly efficient extraction of actionable information from geospatial data."

The new eCognition Suite 9.3 is expected to be available through Trimble's network of global eCognition distributors in the fourth quarter of 2017. Existing customers with maintenance contracts for eCognition Developer, Server and/or Architect can update to the new version at no charge. For more information, visit: www.ecognition.com.

About Trimble Geospatial

Trimble Geospatial provides solutions that facilitate high-quality, productive workflows and information exchange, driving value for a global and diverse customer base of surveyors, engineering and GIS service companies, governments, utilities and transportation authorities. Trimble's innovative technologies include integrated sensors, field applications, real-time communications and office software for processing, modeling and data analytics. Using Trimble solutions, organizations can capture the most accurate spatial data and transform it into intelligence to deliver increased productivity and improved decision-making. Whether enabling more efficient use of natural resources or enhancing the performance and lifecycle of civil infrastructure, timely and reliable geospatial information is at the core of Trimble's solutions to transform the way work is done. For more information, visit: <https://geospatial.trimble.com>.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming a broad range of industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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