



FOR IMMEDIATE RELEASE

Mapcon Mapping Successfully Executing Birch Bayh Contract

June 24, 2008

Salt Lake City, Utah - Mapcon Mapping Inc., a mapping division of OSI Geospatial Inc. (TSX: OSI; OTCBB: OSIIF), was awarded a contract by the U.S. General Services Administration (GSA) to provide three-dimensional LiDAR (Light Detection And Ranging) scanning and Building Information Management (BIM) models of the 500,000 square foot interior of the Birch Bayh Federal Courthouse in Indianapolis, IN. LiDAR scanning is now complete and data production is scheduled to end within the next three weeks. GSA intends to use the models to compare proposed designs from other contractors in future courthouse renovations.

"We are very excited to see the successful execution of this project as it creates a strong relationship with the GSA", states Marcos Riano, Vice president and General Manager. "We hope that this will lead to further contracts with this important customer as well as other customers requiring similar services."

Terrestrial LiDAR imaging involves sending and collecting laser pulses from surface objects to build a point cloud of three-dimensional coordinates. The time of travel for a single pulse return from a surface is measured along its trajectory such that the distance from the laser and consequently the exact location can be computed. A unique aspect of the LiDAR method is the rapid rate of data collection. Modern laser imaging systems can collect 500,000 point locations per second. Within as few as two or three minutes, an entire surface can be imaged efficiently with a point file that contains several million position points. This point cloud can then be further modeled such that "as-built" information regarding walls, piping, electrical, and ventilation systems can be accurately drawn.

About Mapcon Mapping

Mapcon Mapping is an industry leader in supplying customers with geospatial products and services. The core business includes photogrammetric mapping, 3D terrestrial laser scanning, LiDAR mapping, and aerial and satellite imagery products. Mapcon Mapping is headquartered in Salt Lake City, Utah with a regional office in Burnaby, British Columbia.

About OSI Geospatial

OSI Geospatial Inc. delivers advanced geospatial systems and software that enable *shared real-time situational awareness* for military, safety and security applications. Our products and services enable our customers to integrate and visualize live data with any combination of sensor data, imagery, maps and charts. This capability provides our customers with enhanced operational performance, safety and security through shared *real-time situational awareness*. OSI Geospatial systems and software are in use by military, government, and commercial customers around the world. The company is publicly traded on the Toronto Stock Exchange (OSI) and the Over the Counter Bulletin Board (OSIIF). For additional information please visit www.osigeospatial.com.

Forward-Looking Statements



Certain statements made in this news release that are not based on historical information are forward-looking statements which are made pursuant to the safe harbor provisions of Section 21E of the Securities Exchange Act of 1934 and Section 138.4(9) of the Ontario Securities Act. These forward-looking statements are subject to risks and uncertainties. Actual results may differ from these projections. The risks associated with the Company's business include risks related to its reliance on international government contracts; the number of large customer transactions and the related lengthy sales cycles in executing those opportunities; uncertainties associated with competitive bidding processes and contract negotiations; actions by government authorities; the effects of general economic and political conditions; changing foreign exchange rates; and challenges related to the company's ability to introduce, develop and implement new products and enhancements to existing products that respond to customer requirements in a changing, complex, technological market. A complete discussion of the company's risk factors is presented in the company's most recent annual reports, filed with the United States Securities and Exchange Commission ("SEC") and the Canadian Securities Administrators ("CSA"), as well as other periodic reports filed with the SEC and the CSA. The Company does not undertake any obligation to update the forward-looking statements.

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For more information:

Jane Hayward
Investor Relations
+1 613 287 8004 or +1 888 880 9797
+1 613 287 0466 (FAX)
invest@osigeospatial.com