News Release

Werum Software & Systems AG
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Werum Succeeds in Bidding for ESA's Sentinel-1 Project

Werum to implement essential parts of the new ground segment for the space mission

Lueneburg, Germany, July 13, 2010 - Werum Software & Systems has been awarded a contract for implementing essential parts of the ground segment for the space mission Sentinel-1. Werum belongs to a consortium of several European companies, led by Astrium (France), who had participated in a public invitation to tender by the ESA, the European Space Agency.

The ground segment to be implemented will store and process data acquired by the environmental satellites Sentinel-1A and 1B. Both satellites, planned to be launched on a polar orbit in 2011, will systematically record radar data from the earth surface.

The Sentinel mission is part of the Global Monitoring for Environment and Security (GMES) program, an initiative of the European Commission and the ESA. The program's goal is to set up a European network for recording and evaluating environmental data. GMES comprises five space missions, all of which are called Sentinel.

Sentinel-1 will assist in observing and analyzing environmental events all over the globe. The purpose of the Sentinel-1 mission is to observe the Arctic area and its sea ice, to monitor European waters, to observe land movement, to do land-use mapping and mapping support in case of environmental disasters.

Werum, a German software company, will be responsible for developing those ground segment parts that are essential for systematically processing and archiving the measured data and for providing the data products to the end users. In addition, Werum will support the incorporation of the new ground segment into ESA's Coordinated Data Access System (CDS) and make the data available to the integrated GMES services.

In addition to the Sentinel-1-specific engineering, where Werum uses its long-time expertise in implementing ground segments for numerous other missions, the information technology specialist also supplies components of its DIMS-EO software product for IT infrastructure to handle remote sensing products.

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DIMS-EO was developed by Werum in collaboration with the German Aerospace Center (DLR). Since 2000, DIMS-EO has been in operational use for managing the national remote sensing library of the German Remote Sensing Data Center (DFD). The software is part of the multi-mission infrastructure of the ESA ground segments and, for example, also makes up the core of the South African earth observation system.

This project is scheduled to run for three years. It was officially launched on May 26, 2010 in Frascati, Italy.

Werum Software & Systems AG

Werum Software & Systems designs and develops standard software products and implements complete software systems for customers in research, industry, trade, the media and public administration. The Test Data and Information Management Systems business segment focuses primarily on software products and projects in the key areas of aviation and aerospace, and the automotive and marine industries. Advanced, reliable, tried and tested solutions can be attributed to Werum's well-qualified, committed personnel and over 40 years of experience within the company. Werum’s comprehensive IT services complete the range of activities offered by the company. Founded in 1969, the IT company currently employs more than 400 people at its headquarters in Lueneburg, Germany, U.S. headquarters in Parsippany, NJ, and at seven other locations in Germany, France, the United States, Japan, and Singapore.

Please find a high-resolution picture here:
http://www.werum.com/en/mdmnews/news/NR_Sentinel_1.jsp

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For more information on Werum’s earth observation activities, please visit:
www.eo.werum.com