New Solutions for the Infrastructure Market

Autodesk, Inc. (CA, USA) launched the Autodesk Civil 3D 2007, Autodesk Map 3D 2007, and Autodesk Raster Design 2007 software products. These new solutions enable the integration of CAD and GIS data allowing customers to create, manage and share valuable spatial information for better decision-making and improved operational efficiency.

Autodesk's spatial information management solutions include Autodesk Civil 3D 2007, Autodesk Map 3D 2007, Autodesk Raster Design 2007, Autodesk MapGuide Enterprise and Autodesk Utility Design. Autodesk Civil 3D and Autodesk Map 3D are built on the AutoCAD 2007 platform which enables customers to create, manage and share data with improved efficiency and productivity.

Autodesk Civil 3D 2007 software uses an engineering model that maintains intelligent object relationships. A change made in one place instantly updates an entire project, helping to complete transportation, site, sewer, storm drain and subdivision projects faster and more accurately. All team members work from the same consistent, up-to-date model so they stay synchronised throughout all project phases, including survey, design, drafting, reporting, analysis and visualisation. New features include: integrated survey functionality; expanded multi-user capabilities; increased design flexibility; production drafting improvements; improved geospatial data interoperability and all the benefits of AutoCAD and Autodesk Map 3D 2007.

Autodesk Map 3D 2007 is a platform for creating and editing spatial data, delivering practical mapping functionality to engineers and geospatial professionals who need an open and flexible way to integrate CAD and GIS information. It complements existing GIS implementations by providing read and write access to a wide variety of geospatial data sources. Autodesk Map 3D enables quick loading, editing and management of high-volume geospatial data sets and automates entire workflows from geospatial data creation through web and intranet publishing. New features include: order-of-magnitude graphics performance improvements for geospatial-scale data; new styling tools for creation of compelling maps and designs; improved data management capabilities; ability to import Autodesk Civil 3D design data and easy publishing of spatial data via MapGuide Open Source or Autodesk MapGuide Enterprise.

Autodesk Raster Design 2007 enables users to edit or vectorise scanned drawings without performing expensive redrafting. Improved functionality allows users to integrate maps, aerial photos, satellite imagery and digital elevation models to enhance presentations, design and project deliverables. New features include: support for ESRI GRID files; read support for DTED format elevation data from NIMA (National Imaging and Mapping Agency); new JPEG2000 library for increased efficiency and compatibility with AutoCAD Electrical.

Autodesk Civil 3D 2007, Autodesk Map 3D 2007 and Autodesk Raster Design 2007 will be available this spring via Autodesk's reseller channel.

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