

Leading Hydraulics Research Group Extends 3D Visualization, Deploys PDF3D

HR Wallingford deploys site license for PDF3D® from Visual Technology Services, leverages 3D PDF document generation for hydraulics engineering reports.

London, UK, October 5, 2009 – Visual Technology Services announces that HR Wallingford, one of the world's leading research consultancies in civil engineering hydraulics and water management, has adopted PDF3D software to extend 3D visualization and technical report collaboration capabilities across its 250+ employees. HR Wallingford is currently deploying the PDF3D based tools throughout its organization, and expects to harness PDF to more reliably and securely share 3D hydraulics and marine environment designs via the widely available free Adobe Reader® software.

The HR Wallingford agreement involves the creation of interactive PDF reports from 2D and 3D hydrodynamic modeling, GIS and ship navigation simulation systems. The use of 3D PDF interactive reports are applied to real-world applications such as LiDAR, marine, coastal, estuary, flood risk and river flow modeling.

The conversion of scientific data into PDF format from hydrodynamic models is done using PDF3D-SDK software produced by Visual Technology Services, which has been working to make 3D technical publishing a mainstream technology and a way to communicate complex data, according to founder Ian Curington. "We see the use of PDF3D at HR Wallingford to be a very significant milestone and are very proud to have been able to assist and guide the deployment" Curington said.

Working closely with the Informatics, Hydrodynamics and Metocean, Flood and Coasts and Estuaries groups, the PDF3D deployment, involved detailed analysis and enhancing the work-flow of scientific data management, graphics and reporting with advanced scientific data visualisation and production tools. It will be the first time a major Hydraulics Research Facility has used 3D PDF on a full scale. The 3D PDF format has been used before, however primarily in manufacturing.

About HR Wallingford

HR Wallingford provides world-leading analysis, advice and support in engineering and environmental hydraulics, and in the management of water and the water environment. With a sixty year track record of achievement in applied research and consultancy, HR Wallingford has a unique mix of know-how, assets and facilities including state of the art physical modeling laboratories, a full range of computational modeling tool and, above all, expert staff with world-renowned skills and experience.

About Visual Technology Services Ltd.

Visual Technology Services is a product and service company specializing in 3D technical publishing through PDF3D, interactive graphics, novel display techniques and technical data visualization.

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