4DMapper - Streaming Geospatial, with "Live" Collaboration

No-Software Solution for 3D Geospatial Big Data and GIS

SYDNEY, NSW, AUSTRALIA, October 7, 2015 /EINPresswire.com/ -- "The Geospatial Industry today continues to struggle with managing what we call the data deluge phenomenon." - Bruce Chaplin, Hexagon Geospatial.

As acquisition technology grows, massive amounts of data are produced, faster, at higher resolution and more often. The demands on high-end hardware and software increase, let alone the problem of moving this data to each user.

However, one Australian startup is changing this.

4D Mapper takes the handling of multi-source and multi-format geospatial data to the cloud, automatically ingesting raster, vector and metadata, and streaming it to browsers, in 3D. Users don't need a big computer, expensive software or to even have the data on their computer.

Once data is enabled on the cloud, users can view, analyse, measure and digitize in 3D, immediately and dynamically, right on their browsers. This makes geospatial data accessible to people who are not GIS specialists but decision makers like managers, C-level executives and stakeholders who have traditionally been left 'out of the loop'".

According to Rob Klau, co-founder of 4D mapper, delivering these massive and complex file types in 3D and 4D (time variant) from the cloud solves the management, access and delivery problem and then opens up functionality that was previously just not possible ...or even thought of!

"We're doing for Geospatial what Google Docs does for the office," he says.

"With 4DMapper, multiple teams can collaborate and digitize on the same data set and "live" mark-ups can be viewed between users in real time. We've taken a very powerful, visual product [geospatial] and made it a platform for live collaboration."

Today's hot topic in geospatial is enabling access to this authoritative information. Moving to the cloud is the logical progression to enable rapid access, simple interaction, reducing costs and expanding engagement and collaboration with a wider audience.

web.4dmapper.com

Rob Klau
4D Mapper Pty Ltd
+61 2 8006 1701
email us here

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