

High-Speed Geospatial Analytics

Geospatial technology and spatial data types from Esri will soon be integrated into the IBM Netezza analytics appliances. This will give federal agencies and customers in industries such as energy, retail, telecommunications, and health care the capability to query and geospatially analyse big datasets at very fast speeds. The new joint solution, scheduled for release in early 2012, will be demonstrated this week at the GEOINT 2011 Symposium in San Antonio, Texas.

The demonstration is taking place in the IBM Netezza at booth 1007 to learn more and watch a demonstration. The solution will also be shown at [IBM Information On Demand 2011](#), which will be held 23th to 27th October 2011 in Las Vegas, Nevada.

IBM Netezza's suite of analytics appliances combine storage, processing, a database, and an analytics engine into a single system. The appliances' high-performance data querying capabilities will be merged with Esri ArcGIS geospatial analysis, visualization, and geoprocessing tools. The IBM Netezza appliances will support spatial queries of massive datasets that previously were impractical or impossible to conduct.

ArcGIS will provide the visualisation and deep geospatial analysis of the results. Esri and IBM Netezza customers will have the ability to geospatially analyse and view petabytes of data within minutes instead of days. In its upcoming ArcGIS 10.1 release, Esri will support IBM Netezza appliances through query layers. The two companies also are working closely on deeper product integration via the deployment of Esri's spatial data types within the IBM Netezza appliances.