

Summer 2022

CDR News



Data Integrity Matters

There's no question that quality data is crucial for business leaders to make confident and reliable business decisions. For business intelligence reporting and analytics to be trustworthy, the underlying data must be accurate, consistent, and complete. Data governance is a key factor in how organisations achieve the quality of data that leads to that trust. Data quality and data governance, key components for achieving data integrity, work together to enable businesses to understand and trust their data for confident decision making.

Data and data quality has been central to CDR's journey through the technological landscape of the last 40 years. Systems have come and gone but mostly improved and matured. At this point, the science and technologies for data analysis are already quite powerful and well proven. Indeed, the rapid advancement of Business Intelligence (BI) and analytics into the realms of Artificial Intelligence (AI) and Machine Learning (ML). Yet it is exactly such advancements which are now making the underlying problem of poor data quality painfully obvious. When you apply advanced analytics, and especially when you unleash AI and ML, the impacts of bad data are magnified.

The modular, interoperable Precisely Data Integrity Suite contains everything you need to deliver accurate, consistent, contextual data to your business – wherever and whenever it's needed. The Precisely Data Integrity Suite is a set of seven interoperable modules that enable your business to build trust in its data. Data with integrity has maximum accuracy, consistency, and context. For our part, CDR continue to focus on the Spatial Analytics and Geo Addressing modules, that continue to prove that Location data is incredibly valuable when harnessed – and it's being created at a greater rate than ever before.



Precisely MapInfo Pro v2021.1

The latest release of MapInfo Pro is a minor upgrade to MapInfo Pro v2021. It comes with enhanced features and a number of bug fixes - so it is definitely worth upgrading if you are on a Maintenance or Subscription licence. There are some new functions too but not quite enough to warrant a full version.

Time-enabled WMS layers:

This enhances the new Time Series functionality - should you have access to time-enabled WMS layers e.g. historic map editions.

Favourite Projections:

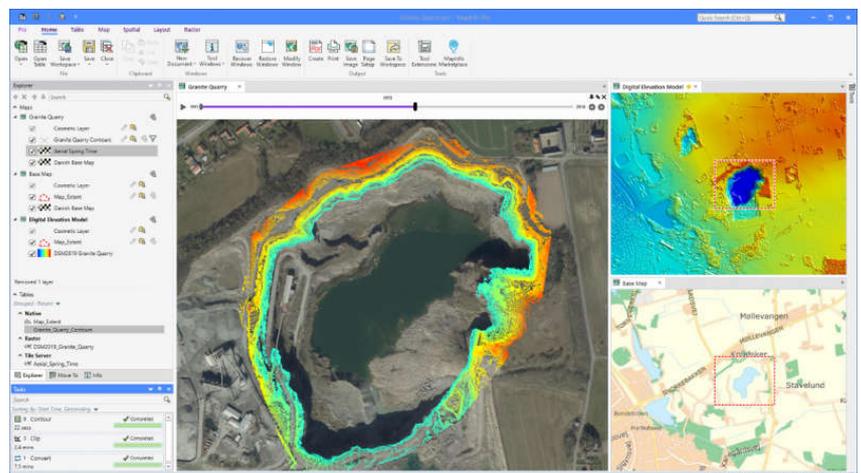
Part of the new Choose Projection dialog. Also, Recent Projections shown.

Visibility Expression:

Support for Raster and Vector layers allows you to control when a layer should be visible.

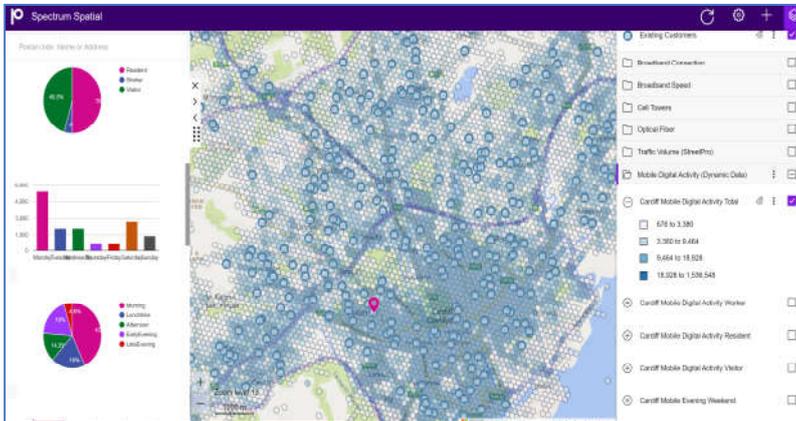
Refresh Query support in these dialogs:

SQL Select, Select by Location and Select by Attribute, lets you refresh an already open query without removing it from windows.



Spectrum Spatial v2022

The latest release of Spectrum Spatial was released in March, with some key security improvements. Improvements are guided by user requirements and sound business justifications, with an ethos of efficiency and ease-of-use through the web interface. With Spectrum Spatial, anyone can quickly access location data across most modern devices and in real-time.



New Features

- This release tackles the major security concerns following the Log4Shell vulnerability issue of last year, that affected most java based systems. The Spectrum Platform (which includes Spectrum Spatial server) and Spectrum Spatial Analyst will now require JDK 11 as a pre-requisite for deployment. JDK8 is no longer supported for deployment of the Platform.
- Spatial Analyst and the extensibility framework have been upgraded to **Angular 11**. Load times when first browsing to the application will be noticeably improved.

- Support for SQL Server 2019 and Oracle 18c and 19c data sources.
- Support has been added for PostGIS as a destination source when uploading data from SSA using the internal data upload service. SSA will now show connections for PostGIS in addition to database and file-based connections.

If you need to see more, need a quotation, or discuss your requirements, please get in touch. You can also purchase Spectrum Spatial via the G-Cloud 13 with CDR. Let us know how we can help!

MapGML 64-bit Translator for OS Data

A valuable tool for anyone using Ordnance Survey data is the MapGML translator from our friends at By Design. Most of our clients for MapGML are in the Public Sector, where the PSGA covers most of the OS digital mapping products available. The older 32-bit format MapInfo tables have a file limit of 2Gigabytes and that is plenty for most Districts and Counties. 64-bit MapInfo introduced the Extended table, which is unlimited in size. So not only can you store Regional map data but National mapping of Great Britain. In our first tests, we translated GB coverage of OS MasterMap Topo in 8 hours, producing 49.6GB of MapInfo tables.

MapGML has been re-developed as a standalone program and converts OS MasterMap Topo, Highways, VectorMap Local and VectorMap District from the GML (gz) format to MapInfo tables using defined settings for styles and attribution. The new version will shortly be shipping to all our clients in support.

Training back on the agenda

Face-to-face training has been keeping us very busy again since last year. Check out the schedule on our web pages for courses held at our offices in Hope - or get in touch to arrange an on-site visit for a group of delegates. If you get stuck with any aspect of MapInfo or Spectrum Spatial, don't forget you can access the Knowledge Community directly from the start screen of MapInfo 2021 or directly online. Sign-up and join the community.

Email: sales@cdrgroup.co.uk with subject title PLEASE ADD ME TO THE MAILING LIST to make sure you aren't missing out.



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Mapping the way forward

