

Data Aggregation: It's About Time

An overview of a cooperative damage prevention solution to Tampa Bay GIS User Group



Presented by:

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Purpose

- To describe the need that arose for the damage prevention process in Ontario, and how it was addressed by Planview
- To make a case to go, “where few utility stakeholders have gone” (but really should)



MultiViewer: Mobile GIS Solution built for LAC

The Locate Alliance Consortium (LAC) is a group of facility owners working towards a cost-efficient underground locate process, using standardized terms and conditions for consistent quality and outcomes.

LAC was initially formed by underground infrastructure stakeholders from Bell Canada, Enbridge Gas, and Union Gas.

They realized that they shared customers, distribution territories, underground space, and Locate Service Providers (LSPs). Given that, there was value for all in working cooperatively.

Terms, conditions, and methods were agreed upon; legal agreements were signed. Concept was sold to other utility stakeholders, Ontario OneCall, the LSPs, screening centers, and excavators.



MultiViewer (cont'd)

MultiViewer provides field staff (Locators) with a single application, using a common interface, for viewing multiple different GIS data formats from Ontario-wide utility stakeholders in a singular tool.

Prior to MultiViewer, LSPs required multiple mobile GIS viewers on each device, with different user interfaces, tools, and functionality.

Standardizing on a common platform allowed quicker training, better results, and fast adoption and embrace of the technology.

The need arose from Ontario One Call Act, aka, Bill 8, requiring utility stakeholders to have digital network data available to the provincial OneCall center.



MultiViewer (cont'd)

Comprised of Data Management / Distribution and Mobile Viewer

Data Distribution / Data Management

Planview manages data warehousing, processing, conversion, dissemination, and updates

Converts all data into a standard data model, with stakeholder input, streamlined to the needs of locate providers (hide, protect, or remove sensitive data; strip out extraneous data, etc.)

Data has a utility-defined data “shelf-life” and when it must be updated

Distributed to user community via named user accounts



MultiViewer (cont'd)

This model began in 2007, and was deployed in 2009, in advance of Bill 8

The need arose from Ontario One Call Act, aka, Bill 8, requiring utility stakeholders to have digital network data available to the provincial OneCall center.

Originally, there were five utility stakeholders involved, and seven Locate Service Providers (LSPs)

Today, Planview is pushing GIS data from nearly 60 stakeholders, including municipalities, and has had 13 LSPs deploy MultiViewer as its mobile GIS of choice



The Future of MultiViewer

The next generation of MultiViewer is in development, with enhanced functionality and versatility, built upon new technology

The suite is being extended to include Risk Analysis and post-damage assessment, in addition to multiple other tools to assist in the damage prevention process



Q&A

Comments?

Questions?

Concerns?



Thank you, Tampa Bay GIS User Group!

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