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Cayman Islands Government - Transforming Geospatial Data Access

Presenter:

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Over the last year and a half, the Cayman Islands Government through the Lands and Survey Department have been working on a new web mapping application with a view to further enhance user experience when accessing spatial data.

With an already evolved and comprehensive GIS, with land related data at its core, the department boasts a continuous parcel data infrastructure that covers the entire three islands, an initiative which began in 1991.

The aim of this project was to have faster and more reliable access to land related data with the added ability for users to create and maintain their own datasets, collaborate on projects and run simple and advanced queries. With the old system using all dynamic mapping, it was found to lag on older and slower machines; the new system addresses this by using pre-cached base maps, with the parcel information being auto-updated every hour. Aerial imagery and terrain data can be viewed quickly, and the application is multi-browser compatible, solving an issue that spurred complaints from users with the old application.

This presentation will highlight the enhancements realised with the new web mapping application, and the new capabilities that are a hit with our subscribers. It will also highlight the commercial possibilities of having a robust parcel data fabric that is updated daily to meet the demands of public and private enterprises.