What's New in Esri Business Analyst Server 10, Service Pack 4

Business Analyst Server 10 Service Pack 4 contains the latest Esri 2011 Data. Along with the data there are a few new features and software fixes. This document describes the new data, new features and fixes included in the Business Analyst Server 10 SP 4 software maintenance service pack.

2011 Data

The most notable update included in the Business Analyst Server 10 Service Pack 4 release is the Esri 2011/2016 Updated Demographic Data. Built with evaluated and revised models, the Esri 2011/2016 Updated Demographic Data is based on Census 2010 counts and 2010 geography.

This update provides street data from NAVTEQ. This data is used in our street routing and address location lookup functions. This is a change from the data we previously used from TeleAtlas. The 2010 data remains from TeleAtlas.

Our Business Location and Shopping Center data has also been updated. The vintage of the Business Location Data is July 2011. The vintage of the Shopping Center data is January 2012.

For more information about the 2010 geography changes, please see
http://help.arcgis.com/en/esri_data/geography_changes/index.html

For more information about the Esri 2011/2016 Updated Demographic Data, please see
http://www.esri.com/library/whitepapers/pdfs/demographic-update-methodology-2011.pdf

New report templates are included in the Business Analyst USA 2011 Data for Server. These new report templates focus on consumer spending and market potential. A full list of Business Analyst Server Summary Reports included in the 2011 data is:

- Automotive Aftermarket Expenditures
- Census 2010 Summary Profile
- Demographic and Income Profile
- Electronics and Internet Market Potential
- Financial Expenditures
- Financial Investments Market Potential
- House and Home Expenditures
- Household Budget Expenditures
- Medical Expenditures
- Pets and Products Market Potential
- Recreation Expenditures
- Restaurant Market Potential
- Retail Goods and Services Expenditures
- Retail Market Potential

- Sports and Leisure Market Potential
- Tapestry Segmentation Area Profile

Multiple Dataset Support

In previous versions of Business Analyst Server, we recommended only using one dataset per map service. With the release of Business Analyst Server 10 Service Pack 4, map services with more than one dataset are handled as well as a single dataset map services. The Business Analyst Server Data registry keys have been changed to a structure similar to the Business Analyst Desktop Data registry structure.

The Business Analyst Server Post Install has been improved to support multiple datasets setup for the same map service, at the same time. When implementing the Business Analyst Server Post Install, you can select which datasets defined in your registry will be available through the map service being created. You can also specify the default dataset.

If you configure multiple datasets on the same map service, you will need to use the ActiveDatasetID parameter in your API requests. This is not necessary if you are expecting results from the default dataset, but including it in your requests will help improve consistency.

Map Reports Performance Improvements

The performance of the Map Reports task has been improved at Business Analyst Server 10 Service Pack 4 when compared to the performance at 10 Service Pack 3. The Map Reports task at 10 Service Pack 4 returns reports in around one fifth the time than in 10 Service Pack 3.

Silent Installation

The silent install for Business Analyst Server has been improved in 10 Service Pack 4. There are new parameters exposed in the silent install, which is run through the command line. You can run the Business Analyst Server install silently and execute the Business Analyst Server Post Install using a configuration file on your Business Analyst Server machine. You can also specify a report web service host machine name, and export the Business Analyst Server configuration file, all using the silent post install.

To get additional information about Business Analyst Server 10 Service Pack 4, please visit the Business Analyst Server Resource Center.