

Federal Agency Achieved Dramatically Improved Associative Data Modeling Efficiency and Quality through the use of In-Memory Business Intelligence Software

The Challenge:

When a Federal agency client was faced with the challenge of determining where and how to assign resource allocations across nearly 100 sites throughout the US, IntelliDyne provided the solution. In order to determine allocation assignments, agency staff had to correlate a massive amount of internal and external reporting data with voluminous US Census Bureau and open source statistical data to identify and predict work load trends. The agency's existing internal work management system cataloged and categorized data into hundreds of distinct types. For the cataloged data to be contrasted with the open source data, millions of points would need to be evaluated in order for trends to emerge. Not only was the volume of data prohibitive, much of the raw open source data existed in multiple formats, so that unassisted analysis was out of the question. In addition, agency leadership required that findings be submitted in 90 days or less. The agency turned to trusted advisor IntelliDyne to design and implement an In-Memory, Associative Data Modeling Business Intelligence software solution to produce rapid and reliable results.

The Solution:

- Implemented QlickView BI™ software solution which provided immediate business impact
- The Tools extreme compression ratio allowed for hundreds of gigabytes of data from numerous sources to be condensed to just a few GB of RAM
- Software actively associates every data instance with any and all others to create a dense "web" of relationships which enables high-speed data access
- Near-instantaneous data comparison across wide spectra of analysis
- Nearly unlimited ability to sift through massive quantities of raw data with incredible speed and accuracy
- Allows flexibility to customize data permutations in order to contrast previously unrelatable quantities

The Impact:

- Successfully delivered comprehensive analytic results well within the specified 90 day project period
- Produced clear, revealing correlations between work load and statistical data which enabled agency staff to make effective and informed allocation decisions
- Provided reporting and analytics with compelling visuals to streamline presentation and improve communication
- Provided agency staff with new dimensions of data discovery that would not have been available by any other feasible means
- Offer users immediate business impact with direct, measurable results

CASE STUDY

IntelliDyne Professionals hold the following certifications relevant to this project:

- PMP
- VMware Certified Professional vSphere 4
- VMware Certified Professional Infrastructure 3.5
- HBSS Advanced v4.5
- Cisco Firewall Security Specialist
- CCNP
- CCSP
- Microsoft Systems Engineer
- Certified Configuration & Data Specialist
- ITIL

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