



SOFTWARE SOLUTIONS

Using Maps for BI Analysis at the USDA

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Vlamis Software Solutions

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<http://www.vlamis.com>



Vlamiis Software Solutions

- Founded in 1992 by Dan Vlamiis in Kansas City, MO
- Developed/implemented more than 200 Oracle BI systems
- Specializes in ORACLE-based:
 - Business Intelligence
 - Analytic Options to Oracle DB (OLAP, Data Mining, Spatial)
 - Data Warehousing
 - Training and mentoring
- Expert presenter at major Oracle conferences
- www.vlamiis.com (blog, papers, newsletters, services)
- Co-authored book “Oracle Essbase & Oracle OLAP”
- Beta tester for OBIEE 11g
- Reseller for Simba and Nokia map data for OBIEE
- HOL Coordinator for BIWA Summit 2013





Issues in USDA BI Project

- IT department wanted to lead
- User department didn't want to spend time
- Disagreement within end user department on specifications
- Users wanted to migrate from Hyperion IR
- Mismatched software licensed from Oracle



Vlami Enters Project

- USDA working with Unisys for over two years
- Lots of redesign on DW design issues
- Issues with government project
- Vlami brought in to revamp project Dec 2012
 - Rewrote data model
 - Defined RPD file – mapping from DW to Oracle BI
 - Designed reports and dashboards
 - Turned project around and now they going forward
 - Delivered system March 2013



USDA Group

- USDA Rural Development
 - Provides consultations, assistance and funding opportunities for individuals and businesses located in *rural* communities.
 - Covers
 - Grants
 - Loans
 - Obligations (obligated to go to particular group of people)
 - Allocations (allocated down to states)
 - Dimensions:
 - Geography (state, congressional district, etc.)
 - Time
 - Program area
 - Measures:
 - Obligation Count
 - Obligation Amount
 - Allocation Count
 - Allocation Amount



BI Subject Areas

- Obligations
- Delinquency/portfolio (Rural Development Portfolio)
- Funds

- Portfolio analysis
- Repayment analysis



Maps Used at USDA

- Sourced from US data internally
- Need data by:
 - State
 - County
 - Congressional districts
 - Zip code
- Measures displayed:
 - Obligation amount
 - Obligation count



Oracle Test Drive

- Free to try out Oracle BI
- Go to www.vlamis.com/testdrive-registration/
- Runs off of Amazon AWS
- Hands-on Labs based on Collaborate 2012 HOLs
- Test Drives for:
 - Oracle BI
 - BI Publisher
 - Microsoft Excel against Oracle OLAP
 - Oracle Data Mining
 - **Map Views in OBIEE**
- After sign up, you have a private 5-hour instance
- Available now