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SAS ADMINISTRATION

Business Need

Our Client, a large mortgage company known for buying the mortgages on the secondary market, pools them and sells them to the investors as mortgage backed security in the open market. The Company, from numerous departments of the organization internally creates many reports. In addition to this, for both development as well as hosting over the web, the majority of these reports have SAS tools.

Opportunities/Challenges

Earlier, our client was using the multiple SAS licenses and was keenly interested to retire a few of those licenses. And, for that the existing infrastructure had to be consolidated in order to accommodate the current environment with less SAS licenses. Apart from this, the client also wanted to upgrade the current SAS environment with none other than the available upgraded version. The client also wanted us to include some new tools in order to create a completely new business intelligence platform for all the internal business users. Actually, for client the challenge was lack of in-house expertise which was the main reason behind the delaying in progress of this project.

Solution

Codigent with its knowledgeable consultants helped a lot in setting up the entire SAS environment for the client in order to facilitate none other than the BI oriented working methodology. This thing involved the new version of SAS products to be installed in all environments, followed by a multi-tier SAS architecture (including Metadata Tier, Application Tier and Web tier), on the web environment deploying SAS EBI tools to give away the access to reports, dashboards (displaying KPIs) & dimensional models (star schemas and snowflake schemas) and last but not the least educating the users about the usage of the tools.



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Value of Investment

After the successful completion of the project the most important benefit for the client was actually the reduction for using the SAS products not only in the maintenance, but also in the operational costs. Basically, the consolidation of SAS servers helped retire SAS servers, hence reduced the maintenance costs annually. To the client other useful benefit was the introduction of new SAS BI products in order to use the SAS developed platform to build the in-house solutions for the organization, business users and analysts.

Technologies Used

- SAS 9.2, SAS Management Console, SAS Enterprise Guide, SAS OLAP Cube Studio, SAS Information Map Studio, PC SAS, SAS BI Dashboard, SAS Web Report Studio, SAS Stored Stored Process

Oracle Web logic 10.3, Oracle Admin Console for Web logic

- Apache
- X Ming – X windows
- Sun Solaris 10

Domain

Financial Services and Mortgage