Data warehousing & Business Intelligence
Customer Case Studies
-Caprium Inc
Case Study 19: Implementation of ERPMAX (Obiee 11g) financial dashboards

Client: Manufacturing
Initiative: Financial Dashboards

Business Challenge:
- US based client wanted to implement financial Dashboards for the Oracle EBS modules of AR, AP, GL, OM, PO
- Client had tried implementing OBI Apps but was a failure
- Client wanted a faster solution

Business Results:
- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

Caprium Solution:
- We suggested Erpmax prebuilt OBIEE 11g reports for Oracle ERP and implemented the solution successfully.

Technology Used:
OBIEE 11g, BI Publisher, Oracle Discoverer, Oracle 9i/10g, Toad, SQL, PLSQL, Oracle R12 etc.
Case Study 18: Jasper Reports for a MLM Application

Client: Solar
Initiative: MLM Application

Business Challenge:
- US based client wanted to build a MLM application which will have the following reports:
  - Certificate of Ownership
  - Order, Invoice
  - Received Payments, Payment Checks
  - Activity Reports

Business Results:
- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

Caprium Solution:
- Designed, Developed a Easy to Use, Jasper based Reports

Technology Used:
Java, JSP, Struts, Jasper, MySQL, etc.
Case Study 17: Cloud BI / Reporting Tool

**Client**
High Tech Company

**Initiative**
Reporting Tool

**Business Challenge**
- India based client wanted to build a reporting tool in cloud and with multi-tenant option
- Define Kpis that are important to the business and then design and create Dashboards the way user would like to view it

**Business Results**
- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

**Technology Used:**
Zend MVC, PHP, Fusion charts, MySQL, AWS etc.

**Caprium Solution**
- Designed, Developed a Easy to Use, Cloud based Reporting Tool
Case Study 16: Infomaker to BI Publisher Report Conversion Tool

Client: High Tech Company

Initiative: Conversion Tool

Business Challenge:
- Oracle Primavera Contract Management has utilized the report writing tool Infomaker for many years. After the acquisition of Primavera by Oracle, the latest version of CM now utilizes the powerful Oracle report writing tool, BI Publisher. Many companies have made a significant investment in the output (forms and reports) created by Infomaker for Contract Management. Upgrading to the latest version (ver 14) would require a complete re-write of these reports and forms at another significant investment of time and money.

Caprium Solution:
- With an estimated 80% success rate of conversion of forms and reports created in Infomaker.

Business Results:
- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

Technology Used:
Java, JSP, PLSQL, Infomaker, PowerBuilder, BI Publisher, Oracle, MySQL, OCM etc.
Case Study 15: Vendor Management Inventory (VMI) Dashboard

**Business Challenge**

- A High Tech Manufacturing company wanted a dashboard to track the inventory for its customers outside of Oracle applications R12 so that the VM Analyst will act smartly on forecast the build of the products and accordingly making sure that the customer has enough inventory in stock for its use.

**Caprium Solution**

- Developed the dashboards & functionality using web technologies.

**Business Results**

- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

**Technology Used:**

- PHP, AJAX, CSS, PLSQL, Oracle, MySQL
Case Study 14: QR Code Marketing Analytics

**Client**
- QR Code Marketing Company

**Initiative**
- Lead Generation Dashboards

**Business Challenge**
- A QR Code Marketing company wanted to build an analytics dashboard which gives the lead generation reports based on the geo, devices used, time visited etc for all the users who visited the mobile page.

**Business Results**
- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

**Caprium Solution**
- Developed the dashboards using web technologies

**Technology Used:**
- PHP, Mysql, AJAX, CSS
Case Study 13: Online Marketing Analytics

**Client**
Internet Marketing Company

**Initiative**
Pay per click Dashboards

**Business Challenge**
- A Internet Marketing company wanted to build a dashboard where they could get the consolidated reports from different engines like Google, MSN, Bing, Yahoo, Facebook and find the conversions of the click and get a Profit & Loss statement. They also wanted a ability to change the bids and upload back to the campaigns as per the analysis.

**Caprium Solution**
- Developed the dashboards using web technologies

**Business Results**
- Higher Productivity
- Lower Cost
- Competitive Advantage
- Higher Customer Satisfaction

**Technology Used:**
- VB, .Net, PHP, Mysql, SQL Server, AJAX, CSS
Case Study 12: Conversion of Oracle Discoverer Reports to OBIEE

Client: High Tech Manufacturing

Initiative: Conversion of Oracle Discoverer Reports to OBIEE Dashboards

Business Challenge:
- A High Tech Manufacturing company in East coast wanted to convert all the Oracle Discoverer Reports into OBIEE Dashboards for the Oracle eBusiness Suite Financial Applications (R12). The reports were for the following Financial Modules:
  - Oracle Receivables (AR)
  - Order Management (OM)
  - Service Contracts

Business Results:
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

Caprium Solution:
- Wrote few extracts in PLSQL
- Converted the existing Oracle Discoverer Reports to OBIEE Dashboard Reports.

Technology Used:
OBIEE 11.1.1.1.5, BI Publisher, Oracle Discoverer, Oracle 9i/10g, Toad, Sql, PLSQL, Oracle R12 etc.
Case Study 11: Oracle R12 AP Check Printing Automation using BI Publisher

**Client**

Energy Company

**Initiative**

Automate Check Printing

**Business Challenge**

- The client was writing the Checks manually and the project was to automate the Oracle R12 check printing process so that the Account Payables users can print the checks electronically after making the payments. The check had to be printed on the preformatted Stationary

**Business Results**

- Higher Productivity
- Higher Customer Satisfaction

**Caprium Solution**

- Did the setups for Automation of AP check printing in Oracle R12.
- Formatted the BI Publisher template as per the preprinted Check.

**Technology Used:**

Oracle R12, Account Payables module, BI Publisher, Toad, SQL, Oracle 10g etc.
Case Study 10: Migration of OBIEE 10g to OBIEE 11g

Client: High Tech Software Startup
Initiative: Migration of OBIEE 10g to OBIEE 11g

Business Challenge
- A High Tech Software company wanted to migrate OBIEE from 10g version to 11g version including the platform and the content. The dashboards were for the following Financial Modules:
  - General Ledger (GL)
  - Oracle Receivables (AR)
  - Oracle Payables (AP)
  - Order Management (OM)
  - Purchasing (PO)

Business Results
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

Caprium Solution
- Upgraded the platform to OBIEE 11g
- Converted the RPD and webcat
- Tested the dashboards for functionality

Technology Used:
OBIEE 11.1.1.5, OBIEE 10.1.3.4.0, BI Publisher, Oracle Discoverer, Oracle 9i/10g, Toad, Sql, Oracle 11i etc.
Case Study 9: State Expenditures Dashboard for Public Access

Client: State Government Agency

Initiative: Public Transparency Website

Business Challenge:
- A dashboard was to be created for State Expenditures and made available for the general public to access from the state's transparency websites. The client had very limited knowledge of the OBIEE framework and hence the training had to be provided along with the development of the dashboard.

Caprium Solution:
- Designed and implemented the solution in OBIEE
- Trained the client architect on OBIEE
- Provided Best Practices to the client
- Click here to access the Public Dashboard

Business Results:
- Transparency to public
- Higher Productivity
- Lower Cost
- Higher Customer Satisfaction

Technology Used:
- OBIEE 10.1.3.4.0, SQL Server 2005 etc.
Case Study 8: Conversion of Oracle Discoverer Reports to OBIEE

**Client**
High Tech Software Startup

**Initiative**
Conversion of Oracle Discoverer Reports to OBIEE Dashboards

**Business Challenge**
- A High Tech Software company wanted to convert all the Oracle Discoverer Reports into OBIEE Dashboards for the Oracle eBusiness Suite Financial Applications (11i). The reports were for the following Financial Modules:
  - General Ledger (GL)
  - Oracle Receivables (AR)
  - Oracle Payables (AP)
  - Order Management (OM)
  - Purchasing (PO)

**Business Results**
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

**Caprium Solution**
- Converted the existing Oracle Discoverer Reports to OBIEE Dashboard Reports.

**Technology Used:**
OBIEE 10.1.3.4.0, BI Publisher, Oracle Discoverer, Oracle 9i/10g, Toad, Sql, Oracle 11i etc.
Case Study 7: Cognos Reports Development

Client: Medical Supply Trading Company

Initiative: Development of Sales, Purchasing Reports in Cognos 8 Environment

Business Challenge:
- Client had all reports developed in Cognos 7 and wanted to migrate to Cognos 8. The reports belonged to Purchasing, Sales, etc.

Caprium Solution:
- Developed and Tested the Reports in Cognos 8

Business Results:
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

Technology Used:
- Cognos 8, Oracle 9i/10g, Toad, Sql etc.
Case Study 6: Conversion of Oracle RDF reports to BI Publisher Reports

Client: Government Agency

Initiative: Conversion of Oracle RDF reports to BI Publisher Reports

Business Challenge:
- A government agency wanted to convert the standard Oracle RDF Reports to the Oracle BI Publisher to publish the preprinted formatted documents like the Invoice, Purchase Order etc.

Business Results:
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

Caprium Solution:
- Converted the existing reports to Oracle BI Publisher Reports.

Technology Used:
Oracle BI Publisher, Oracle Reports, Oracle 9i/10g, Toad, Sql, Oracle 11i etc.
Case Study 5: Microsoft SSAS Dashboards for Support Center

Business Challenge:
- Provide Microsoft SSAS Dashboard solution for the Support cases group within the Global Support Function of a very large High Tech Manufacturing Company. The other groups were as follows:
  - Support Sales
  - Support Operations
  - Support Finance
  - Third Party Maintainers
  - Logistics
  - Auto Support
  - Call Center
  - Knowledge Base

Business Results:
- Strengthen Support Center Performance
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

Caprium Solution:
- Created Dashboard Reports which gives Client the visibility to the statistical and analytical data of Support Cases for Support Center group.

Technology Used:
MSRS, MSAS, MSIS, SQL Server, Sql, SAP CRM, Oracle 11i etc.
Case Study 4: Migration from Cognos's to OBIEE for Global Support Group

Client: High Tech Manufacturing Company

Initiative: Enterprise Business Intelligence for Global Support Group

Business Challenge:
- Provide OBIEE Dashboard solution for the various groups within the Global Support Function of a very large High Tech Manufacturing Company. The various groups were as follows:
  - Support Sales
  - Support Operations
  - Support Finance
  - Third Party Maintainers

Business Results:
- Strengthen Support Center Performance
- Higher Productivity
- Lower Cost
- Efficiently Deliver to Entitlement
- Higher Customer Satisfaction

Caprium Solution:
- Created Dashboard Reports which gives Client the visibility to the statistical and analytical data of Contracts, Installed Base, Support Bookings, Third Party Maintainers, Call Center etc.

Technology Used:
- OBIEE 10.1.3.4.0, BI Publisher, Cognos 8, Oracle 9i/10g, MS Access, Toad, Sql, SAP CRM, Oracle 11i etc.
Case Study 3 : Partner Performance for Sales Group

Client: High Tech Manufacturing Company
Initiative: Partner Reporting Infrastructure (PRI)

Business Challenge:
- Provide accessibility and visibility into global partner and program performance to enable key business decisions.
- Questions answered may include:
  - Impact of programs on bookings growth
  - Effectiveness of partners across key programs/metrics (Scorecard!!!)
  - Partners most effective in selling to new accounts
  - Partners ability to sell into select customer segments

Business Results:
- Reduced manual efforts involved in creating & delivering reports, thus freeing up resources for analysis
- Provided one version of partner-centric information
- Provided better visibility and accessibility to program performance data

Caprium Solution:
- Created Dashboard Reports which gives Client the visibility to Partner Bookings, Performance & Scorecards.

Technology Used:
- OBIEE, Informatica, PLSQL, Oracle
Case Study 2: Software Royalty Accounting Dashboard for MFG Group

**Client**
High Tech Manufacturing Company

**Initiative**
IPSmart Dashboard Reporting

**Business Challenge**
- There is a lack of visibility to agreements Clients BU's have entered into for 3rd party software and the resulting royalty liabilities incurred. This has resulted in a lack of visibility to COGS data and untimely royalty payments to 3rd party software vendors. Because of this lack of visibility, Client has not been able to leverage volume pricing discounts and may incur significant penalties as a result of inefficient royalty accounting and payments processes.

**Business Results**
- Contract Management & Royalty Accounting (Finance) Business Teams were able to track royalties per quarter there by giving a visibility to the cost distributions.

**Caprium Solution**
- Designed and implemented the Data warehouse data model
- Designed and Implemented the ETL mappings
- Designed and Implemented Dashboards which gave Client the visibility to find the cost distribution by Supplier, Product, TG, BU, PF for the specified period.

**Technology Used:**
- OBIEE, Informatica, Web Transformations, Java, PLSQL, Oracle
Case Study 1: Contracts & Installed Base BI Reports for CRM Group

Client
High Tech Manufacturing Company

Initiative
CRM BI Reporting

Business Challenge
 To Provide detailed service contract & Installed Base information which can be viewed by product, sales and/or customer hierarchy. Primary User Base: – Analysts from GSM organization such as SSR’s, IM’s, Business Operations, CA Finance, CA Marketing or from any other Cisco organization interested in service contract information.

Business Results
 Improved time-to-market for ad hoc report requests.
 Improve productivity by reducing time required by IT to fulfill ad hoc report requests.
 Enables business analysis through consolidated presentation of key performance indicators over time.
 Centralized data repository for service contract data from which other client organization can access service contract data.

Caprium Solution
 Created BO Universe and BO Reports. Also Created JSP based Reporting application which sends the report as excel attachment.

Technology Used:
 BO, Informatica, Java, JSP (Struts), PLSQL, Oracle
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