Profitbase Studio

Profitbase Studio represents a new way of deploying business oriented solutions by using Business Templates for areas like Finance, Sales, Inventory, and A/R and Data Source Connectors Templates to major ERP systems to reduce the time from business decision to deployed solution. Profitbase Studio is the first software package offering a "buy versus develop" solution simplifying data warehouse deployment, maintenance, and upgrades to reduce time, cost and risk.

Value is in the Information

There is no question that the value of a Business Intelligence (BI) solution is in daily decision support information delivered to users through their dashboards, scorecards, and reports. Profitbase Studio has a rich set of Business Templates for finance, sales, inventory, purchasing, healthcare, retail, and manufacturing that are deployed in the solution as OLAP Cube Measure Groups. Business templates include filter criteria (dimensions) and pre-engineered business logic calculations for metrics and KPIs and that are industry best practice. Business templates also support multi-language and multi-currency requirements and are quickly deployed and easy to modify using Profitbase Studio. Profitbase Studio eliminates the technical implementation complexity enabling users to focus on defining the right business logic behind the metrics and KPIs.

Profitbase Studio Eliminates ETL Coding

The fact is when using traditional tools, 80% of the implementation time and cost in a BI project is normally spent extracting data from existing business systems (ETL coding) and preparing the data (standardization and business logic) to be consumed by dashboards and other reporting tools. Profitbase Studio significantly reduces the time it takes, in some cases by up to 80%, to extract the prepare the data, key performance indicators and metric to be consumed by dashboards and other reporting tools, reducing overall deployment time, cost and risks.

Profitbase Studio Reduces

- Complexity
- Time to Deploy
- Project Risks
- Maintenance Effort
- Total Cost of Ownership

Profitbase Studio provides the user with a graphical configuration environment that eliminates the need to develop and maintain custom ETL code. Using drag and drop techniques, ETL code is automatically generated in seconds as the user maps unique business system table-field names to the metadata in Profitbase Studio. Wizards are also used extensively to lead the user through the proper sequence to build new data source connectors, dimension hierarchies and measure groups simplifying the task and reducing the effort.

Data Source Connector Templates

Profitbase Studio has a comprehensive set of ready to use Data Source Connector templates for many ERP and Point-of-Sale (POS) business systems. Connector templates provide a standard way to retrieve data from transactional systems and include pre-engineered mapping criteria to the business system's unique table-field names that are easily modified when needed to address any unique requirements a business may have. Profitbase Studio excels when data from multiple business systems must be consolidated.

Business Templates - Knowledge Capture and Reuse

Software is one of the best vehicles for the capture of knowledge. Profitbase Studio is software that captures the thousands of hours of data warehouse and business intelligence experience and knowledge that Profitbase BI experts have accumulated over many years. Additionally, Profitbase Studio provides Template Management Services to build, deploy and manage Business Templates (OLAP Cube Measure Groups) and Data Source Connector Templates. The templates capture best practice, are easy to deploy and modify, speed delivery and reduce risk.

Business Templates Examples

- Finance
- Sales
- Inventory
- Purchasing
- Accounts Receivable
- Accounts Payable
- Retail POS
- Healthcare
- Manufacturing

Consolidate Multiple Business Systems

Profitbase Studio makes consolidation of data from multiple business systems fast and easy. Because Profitbase Studio incorporates a metadata abstraction layer, the business logic in the Business Templates is independent of the data sources, so new data sources can be added without affecting the business logic or the user's scorecards, dashboards and reports. As a result, new business systems are quickly and easily consolidated so decision makers are provided with one consolidated view of the enterprise.

WYSIWYG Dimension Management

Profitbase Studio provides a What-You-See-Is-What-You-Get Dimension Management environment that displays the actual dimension names so users see exactly what their reports and dashboards will look like. Dimensions are manipulated using a drag and drop interface and new parent-child dimension hierarchies are easily created on the fly. Dimensions are built using metadata so they are also independent of the data sources.

Workflow and ETL

Profitbase Studio includes a workflow engine that is used to schedule data updates to the data warehouse and OLAP Cubes. The graphical environment auto-documents every step of each workflow, that can be scheduled at various time intervals or executed on demand.

Integrated Security

Profitbase Studio supports integrated Windows Active Directory or SQL Server security policies.

Scalability and Performance

Profitbase Studio leverages and extends the power of Microsoft SQL Server 2005/2008. SQL Server is proven technology that scales from small to the largest most demanding deployments and as SQL Server scales so does Profitbase. Profitbase Studio also supports partitioning of datasets, fact tables and OLAP Cubes.
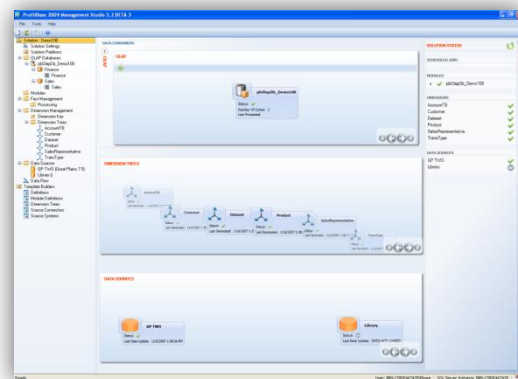
Change Management

Profitbase Studio gives IT the ability to administer and maintain their data warehouse and OLAP Cubes in a self-documenting, easy to learn environment. Information requirements in a dynamic business environment are constantly changing. With Profitbase Studio, IT can with a little effort, add new or modify existing dimensions, incorporate new business systems and always keep their decision makers data synchronized.

Key Features

- Solution Overview Graphic
- Easy drill to detail from Overview Graphic
- WebPlan Studio – Budget Administration
- Partitioning
- Graphical Joins
- Supports data consumers including:
  - OLAP Cubes
  - Profitbase WebPlan
  - Profitbase Sim
  - XL Reporter
  - SharePoint Server
- Dimension Management:
  - Add Dimension Hierarchies on the fly
  - Level-based Dimensions
  - Sub-Dimension Trees
  - Dimension Attributes
  - Multiple Time Dimensions
- Data Warehouse / OLAP Cubes Data Updates:
  - Graphics Workflow Editor
  - Over 20 configurable data flow elements
  - SSIS commands in Data Flow
  - Data Reload Control
  - Data from Files and SSIS
- Retrieve data from multiple data source type:
  - SQL Server 2000/2005/2008
  - IBM DB2
  - Oracle DB
  - Excel
  - Flat Files
  - ODBC supported databases
- Data warehouse built on SQL Server 2005 or 2008

Benefits

- Easy to learn and use
- Reduce project risk and deployment time
- Faster time to value
- IT can make changes quickly based on business needs
- Single point admin of data warehouse and cubes
- One platform for reporting, analysis and planning
- Easy integration of multiple data sources
- Leverages your investment in Microsoft technology

Profitbase Studio