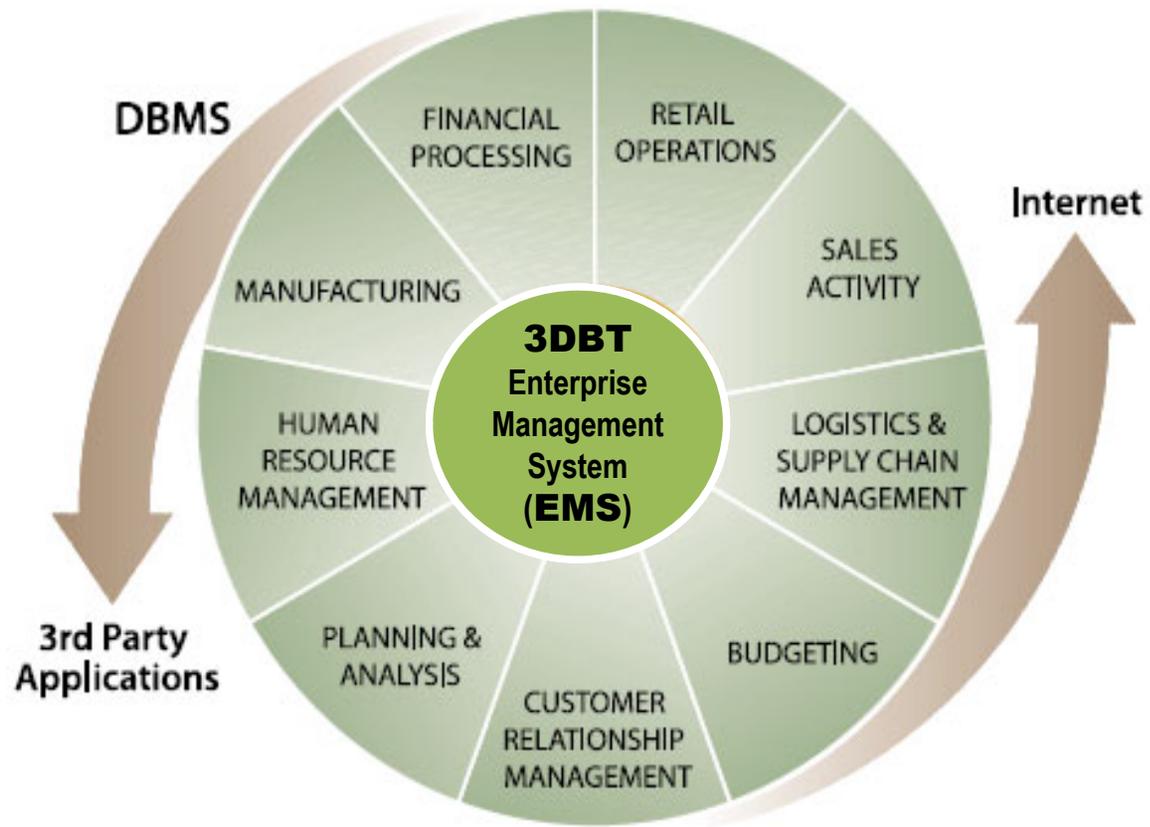


3D BUSINESS TOOLS ENTERPRISE MANAGEMENT SYSTEM



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US Patent 7,822,654 – U.S. and Foreign Patents Pending



Architecture

MULTIPLE VIEWS

The 3DBT EMS Patented architecture is unique. It is not based on the tree structure that all other financial systems use. However, the architecture is so flexible that when needed, it can appear as a tree structure or any other required organizational arrangement.

This flexibility provides the functionality that makes it possible for EMS users to view many data perspectives with a single entry.

Accommodated views include, Financial, Tax, Management, Economic, GAAP, IFRS, etc.



Architecture

SMART ACCOUNTS & ALLOCATIONS

Smart Accounts are rule based accounts that can allocate revenues or expenses in accordance with user's predefined rules.

Allocations can include merging or splitting accounts, waterfalls and other techniques.

Allocations can be made by using a percentage, value or combination and it can refer to what is in the account or reference other accounts to determine the allocations.



ACCOUNT CONSOLIDATION

Architecture

Consolidation of Divisions, Departments, Profit Centers, Cost Centers or virtually any other grouping is simplified and automated because of the EMS architecture.

Attributes, Consolidation Codes, pre-defined accounts and Smart Accounts makes consolidation more accurate, more useful and less costly.



Architecture

LINKING FINANCIAL & NON-FINANCIAL DATA

3DBT EMS tracks all non-financial activities and their financial consequences.

Users can evaluate the profitability for each customer, any group of transactions or a single transaction.

Linking financial and non-financial numbers also provides operating and financial executives the opportunity to merge their perspectives, creating a better understanding and more coordinated teamwork.



Architecture

**MULTIPLE
ACCOUNTING
STANDARDS
WITH A SINGLE ENTRY**

When the applicable rules are input to EMS, the system can produce reports fully compliant with international, national, regional or local standards, including: U.S. GAAP, U.S. Tax, IFRS, local Tax, Management Accounting, Inflation accounting, etc.

Taxes can include taxes on revenue, income, sales, vat. property, real estate, payroll and other taxes.



Architecture

ATTRIBUTES CREATE UNLIMITED DATA LINKS

Although data are input over time, they can be manually or automatically linked to virtually any number of groups and any number of levels using EMS Attributes.

This powerful feature provides an in-depth analysis not found in any other system.

Users can evaluate the profitability of each customer, each promotion, each group of transactions and even individual transaction.



ATTRIBUTES CREATE
UNLIMITED DATA
LINKS

Architecture

Circumstances and strategies can be compared with internal or external historical experience.

Detailed real-time reports & graphs are made easy.



Application Design

REAL-TIME DATA WAREHOUSE

Real-time summaries of all financial and non-financial data are maintained in the EMS Real-time Data Warehouse while the original detail is maintained in the main database or stored off line.

Real-time data update assures rapid generation of reports with up to the minute data required by management and it relieves the IT department of a heavy workload thereby reducing costs.



ODBC
COMPLIANT

Application Design

The 3DBT EMS is designed to work with any ODBC compliant data base engine without the need to write any additional application code.

This feature assures users of flexibility in their choice of a database engine and allows users to start with facilities that meet their current needs, knowing that as their requirements expand they can move up in hardware and software without fear of requiring the replacement or rework of the 3DBT EMS.



Application Design

OPEN SYSTEM
FOR
3RD PARTY SOFTWARE

3DBT will provide its clients and 3rd party software companies with standard DLL routines to access the EMS database.

This open system approach eliminates the need to exchange complicated and detailed database structure information.

3rd party software can access the EMS Data Warehouse which can also function as a data bridge to pass information between 2 or more 3rd party applications.



Integration

SUPPORTS
WHOLE
BUSINESS
THINKING

3DBT EMS Facilitates cross silo communication, information sharing and decision support by integrating and automating the company's workflow, communications, human resources, customers and supply chain.

The move to Whole Business Thinking removes bottlenecks and increases efficiency and effectiveness at every level.

The information needed to make the right decisions is in the right place at the right time.



Integration

**TIGHTLY INTEGRATES
FINANCIAL & NON-
FINANCIAL DATA**

Financial and non-financial data and their relationships are automatically captured and/or generated by operations and finance activities.

These data are stored in the EMS integrated Real-time Data Warehouse and can be sourced quickly through the use of EMS Attribute Centers.



Integration

**TIGHTLY INTEGRATES
FINANCIAL & NON-
FINANCIAL DATA**

More than 300 performance indicators (measures) are included in the EMS Planning & Analysis Module.

Additional performance measures can be added by users with no additional programming required.

Selected measures can be set to provide a warning if any financial or non-financial measure is greater than or less than desired.



Integration

WORKFLOW GOAL & RULE BASED SYSTEM

Workflow processes based on standardized procedures can be integrated and automated. The next processing event can be automatically initiated based on built-in workflow procedures.

Current activities can reference workflow data of previous activities. For example: Purchase Orders, Goods Received Notes, Vendor Invoices, etc. can be automatically accessed for cross reference and exception management.

3DBT EMS administers company policy and identifies variations.



DECISION
SUPPORT

Integration

Accurate data regarding the implementation results of previous plans and strategies improves decision making. EMS provides management with the resources to know:

- What happened
- Why it happened
- How to plan what happens
- How to evaluate plans
- How to modify plans to overcome unanticipated obstacles or take advantage of unexpected opportunities



AUTOMATED GL POSTING

Automation

When trading documents such as purchase orders, vendor and customer invoices, goods receipt notes, etc. are entered into the 3DBT EMS, they are automatically and accurately posted to the GL based on predefined rules.

This procedure eliminates posting of the same class of data to different accounts based on the interpretation of a clerk. It results in more accurate records and reduced cost.



Automation

FUTURE POSTING

The EMS eliminates many redundant and complicated tasks such as the allocation of depreciation and amortization by posting these allocations into the future.

EMS integrated Asset Management improves accuracy, increases management options and significantly reduces costs.

Future posting is also applied to prepaid expenses and prepaid income improving accuracy and reducing costs in these departments as well.



Automation

AUTOMATED APPROVAL & EXCEPTION MANAGEMENT

Based on user defined requirements, EMS automatically routes tasks requiring approval to the appropriate party, or department. Multiple approvals and conditional approvals are supported.

Users are reminded of all incomplete tasks each time they sign in. Supervisor warnings are also provided.



QUALITY CONTROL MANAGEMENT

Automation

3DBT's Manufacturing QC Management Module helps manufacturers reduce their cost of manufacturing by minimizing waste of time and materials.

Sometimes parts and/or processes are out of tolerance resulting in a faulty final product. EMS helps users discover any faulty part or process quickly to avoid adding additional parts and processes to a faulty part or sub-assembly. That saves time, materials and money.



QUALITY CONTROL MANAGEMENT

Automation

The 3DBT QC Management Module allows manufacturers to set up any number of interim test stations to test a defined number of the sub-assemblies and input the test results into the QC program.

If the number of defects exceeds the standard established by the manufacturer, the system will prompt the next production supervisor to stop the process for the defective batch.



QUALITY CONTROL MANAGEMENT

Automation

The QC person will also enter the results of their investigation to build a growing knowledge database. When similar problems occur, the QC person will be prompted where to look for the error and what steps need to be taken immediately.

The 3DBT Manufacturing QC Management Module creates statistical reports to help management improve its product design, production design and component and supplier selection.



Planning & Analysis

FINANCIAL STATEMENT LEVEL PLANNING & ANALYSIS

The EMS Planning & Analysis Module supports Financial Statement level planning based on performance measures or budgets.

The Module includes more than 300 Performance Indicators and hundreds of One-Button Graphs.

It also includes proprietary Graphs, Financial Statement Matrix and Decision Support Matrix.

The Planning & Analysis module can be integrated into EMS or purchased separately.



EMBEDDED MODULES

Communication

The EMS Communication system includes the following embedded Modules for access to the Internet:

- Auditor's Module
- Officer's & Director's Module
- Customer's Module
- Vendor's Module
- Employee Module
- Customer's website
- Remote Desktop
- Internal Mail Module



Whole Business Thinking

FOR MORE
INFORMATION

3D BUSINESS TOOLS

Enterprise Management System (EMS)

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