



Distribution Management System

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Abstract : Distribution management System Project is a web-Based application using Java script. The main Distribution management System portal for maintaining and analyzing Sales of Product in the market. This software is Calculating Price + GST and giving final amount. we made new version that all the data is in the cloud and it Can be access through Internet or without internet. The Software is fully secure no one can access through login and password because when we enter login and password it will ask the fone time password/jotp after that it will open.

IndexTerms -Javascript, Nonevs, Distribution Management

I. INTRODUCTION

Distribution management is the process used to oversee the movement of goods from supplier to manufacturer to wholesaler or retailer and finally to the end consumer. It is an overarching term that refers to numerous activities and processes such as packaging, inventory, warehousing, supply chain, and logistics. The profit margins of businesses depend on how quickly they can turn over their goods. The more they sell, the more use of the more their goods. The business, having a successful distribution management system is also important for businesses to remain competitive and to keep customers happy.

II. PROBLEM DEFINITION

Distribution management has long been a business challenge. Raw goods can arrive too early and go bad before they are used. Or, finished products can arrive too late, allowing a competitor to seize the lion's portion of market share. Effective distribution is so crucial that sub-discipline practices became an integral part of supply chain and inventory management, such as just in time inventory. Overall, successful distribution involves many moving parts and methods requiring a strong distribution management strategy fueled by real-time information. A distribution management system (DMS) is a collection of applications designed to monitor and control the electric power distribution networks efficiently and reliably. It acts as a decision support system to assist the control process and the meeting personnel with the monitoring and control of the electric distribution system. Improving the reliability and quality of service in terms of reducing outages minimizing outage time, maintaining acceptable frequency and voltage levels are the key deliverables of a DMS.

III. EXISTING SYSTEM

The ADMS is a decision support system that helps control room and field operating personnel to monitor and control the electric distribution system effectively while improving safety, reliability, asset protection and quality of service. ADMS delivers a single environment and user experience. This enables the streamlining of decision making and enhances emergency response performance. It resolves the critical barrier to the business and the required required to the position of high performance network models. By providing a unified environment for control and dispatch, ADMS also allows for a more comprehensive view of the distribution system during an outage. The Advanced DMS is the utility depended technology that is why it should be interconnected with the existing Energy Management or Network Management System and OMS. Data sharing between these systems maximizes the efficiency of operation within your control room or control centers.

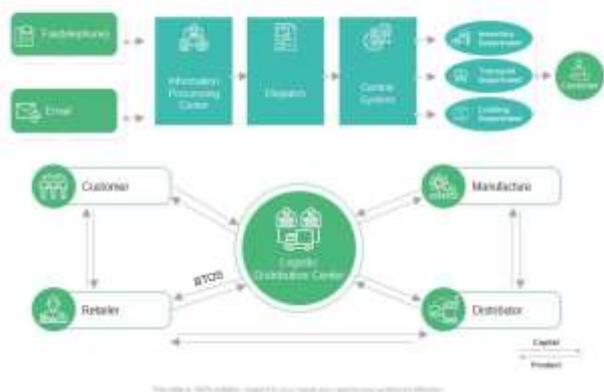
IV. PROPOSED SYSTEM

Proposed System means the assembly of an operational group of computer programs that will perform, without modification, a significant portion of the functional requirements contained in this RFP. The Proposed System should include system interfaces and conversion tools as well as Contractor supplied or recommended third party software required to properly design, develop, test, train, implement, interface, tune, and operate the Proposed Solution. The Proposed System should include document management, workflow, rules engine, claims management, risk management analytics engine, and a customer relationship management functionality.

V. FLOW CHART DIAGRAM:

Wholesale Business Distribution Flow Chart

Wholesale Business Distribution Flow Chart



(i). Flow diagram explanation:

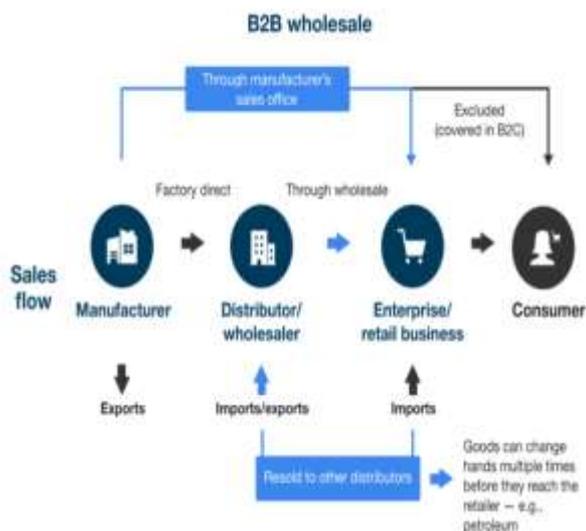
This Slide covers the business distribution wholesale flow chart. It also includes customer, retailer, logistic distribution center, manufacturer and distributor. Presenting our set of slides with Wholesale Business Distribution Flow Chart. This exhibits information on thirteen stages of the process. This is an easy-to-edit and innovatively designed PowerPoint template. So download immediately and highlight information on Customer, Retailer, Distributor, Manufacture, Product.

VI. 3-TIER ARCHITECTURE:

(i). Helpdesk ticketing system comprises of:

1.	Persistent Data Storage	The underlying technology to implement this layer could be a variety of things including cookies, server side files or databases.
2.	Business Logic Layer	This is where one code any rules regarding the data stored and generally is the bulk of the application.
3.	Presentation	Enables the user to see the results of the business logic applied to the data stored.

(ii). **Architecture:**
 Simplest distributed system model.
 System composed of multiple processes which may (but need not) execute on different processors.
 Architectural model of many large real-time systems.
 Distribution of process to processor may be pre-ordered or may be under the control of a dispatcher.
 The application is modelled as a set of services that are provided by servers and a set of clients that use these services.
 Clients know of servers but servers need not know of clients.
 Clients and servers are logical processes.
 The mapping of processors to processes is not necessarily 1:1.



VII. LITERATURE REVIEW

- Since the initial development of the concept in the early 1970's
- [1], power system State Estimation (SE) has become a critical part of the operation and management of transmission systems worldwide. Until recently, the application of SE at the distribution level, i.e., Distribution System State Estimation (DSSE), has not been of significant interest. This is largely because distribution networks have traditionally been designed and operated as passive systems, where power flows are unidirectional and relatively easy to predict and manage. However, distribution networks are seeing increasing penetrations of distributed energy resources, which introduces complexity and necessitates advanced monitoring and control mechanisms like DSSE.

VIII CONCLUSION

The provided document does not contain an explicit "Conclusion" section. Typically, a conclusion would summarize the key findings, contributions, or implications of the study, and possibly suggest future work. Since this section is missing, I can infer that the document might be incomplete, or the conclusion could be part of a later page not included in the provided text. If you have additional pages or need assistance drafting a conclusion based on the provided content, please let me know!

Would you like me to summarize the document or provide a hypothetical conclusion based on the available information?

XI REFERENCES:

1. Marg ERP is a well-known software programme used in Indian distribution management systems. In order to manage their inventory, sales, and financial activities, distributors can benefit from a variety of capabilities provided by the programme.
2. A popular cloud-based software programme in distribution management systems is called NetSuite ERP. To handle their inventory, sales, and financial transactions, distributors can use the software's extensive collection of capabilities.
3. QuickBooks Enterprise is a well-liked programme utilised in systems for distribution administration. A variety of capabilities provided by the software can assist distributors in managing their stock, sales, and financial activities.
4. Epicor Eclipse is a potent programme created especially for distributors, and it is frequently incorporated into DMSs. To handle their inventory, sales, and financial transactions, distributors can use the software's extensive collection of capabilities.