

HARVEST 
Webon



 **iSMART**
BUSINESS SOLUTIONS

Executive Summary

iSmart Business Solutions Limited is a privately owned global Company. Its corporate office is located at IT Park, Plot No: 16A, 'B' Block, 1st Floor, CSEZ, Kakkanad, Cochin – 682037, Kerala, India.

We at iSmart, are world's leading IT solutions provider with its primary focus on agribusiness management. Charged by determination and fuelled by domain knowledge from years of experience in the plantation industry, iSmart sets out to start a revolution — a green revolution with its end-to-end solution that makes the entire business process far simpler, more profitable and seamlessly, integrated. The company has built for itself a global reputation of quality, dependability and profitability.

Our main expertise has been in providing operational and MIS IT solutions to the agribusiness industry for more than 27 years. We possess local skill sets to carry out development in other non-agribusiness related areas also. Our capabilities qualify us to extend useful solutions to Govt. enterprises in India.

We have both several customers across 14 countries using our software such as Unilever, PT. Socfindo, Apeejay Tea Limited, Sasini Tea Kenya etc. We have provided specialized solutions for a wide variety of Agri-based domain applications such as Oil palm, Rubber, Tea, Coffee, floriculture, etc. Our solutions are fully comprehensive and competent to monitor costs, productivity and production and can easily be implemented in any national or international organization.

Our Vision

To be the world leader in providing value added solutions for Agri-business.



Experience

As a Software Development and Consultancy Company, **iSmart** provides integrated solutions for the food and agribusiness industry. The current flagship product of the Company, **Harvest Webon™** is the culmination of more than 1000 man-years of cumulative development effort and project management over the past 27 years. iSmart employs over 75 top IT experts who are supported by professionals with rich experience in all aspects of process management and domain knowledge of different verticals. The domain expertise acquired over these years gives us the edge to deploy solutions rapidly and effectively. Today, **iSmart** can confidently provide software solutions to address most operational requirements of a Company in any Manufacturing or Service industry. The rich features of this product enable customers to use them as a strategic planning tool to control costs and improve business efficiencies.

Capability

We at iSmart Business Solutions Pvt. Ltd., take indomitable courage in subject matter expertise and intensive experience in the delivery of technical solution to Agri Business and have received substantial feedbacks from valued customers. This has contributed extremely well while developing plantation specific Harvest Webon System.

HARVEST ERP has been successfully implemented in over 740 locations in 14 countries building up a formidable domain base in Agri-business over the past 27 years. Its strength lies in the strong understanding of the business operations of this Industry. iSmart has a strong and satisfied client base of several prominent Companies such as Apeejay Tea Limited, James Finlay Group, PT. Socfindo , Finlay Flowers, Unilever Tea Kenya, Cargill Group, etc. spread over several countries.

Certifications

1. ISO 9001:2015 certified by TUV Sud
2. Microsoft Gold certified Partner with Independent Software Vendor license



Our Services

- IT Software Consultancy & Services
- Global Customer Support
- Hardware & Infrastructure Consultancy
- Training



Presence in Indian Sub Continents



Assam

Bangladesh

Kolkota

Coorg

Kovai

Valparai

Vagamon

Sri Lanka



**AMALGAMATED
PLANTATIONS**



**Bombay Burmah
The Bombay Burmah
Trading Corporation**



Joonktolee Tea Estate Ltd



Apeejay Tea Limited



Watawala Plantations PLC



Horana Plantations Limited.



Cheruvally Estate (Believers Church)



Kahawatte Plantations Limited.



LANKEM

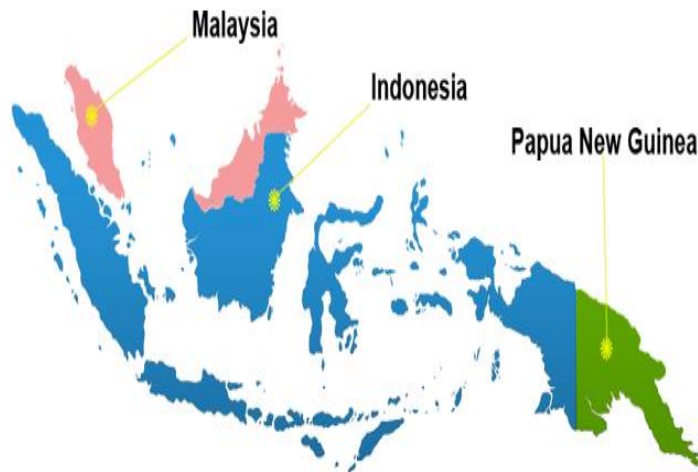
Lankem Tea & Rubber Plantations Ltd



Travancore Cements Ltd.



Presence in South East Asia



P.T. Agro Indomas



IJM Plantations Sdn Bhd.



P T Bima Palma Nugraha



PT Poliplant Sejahtera



P.T. Socfindo



PT Niagamas Gemilang

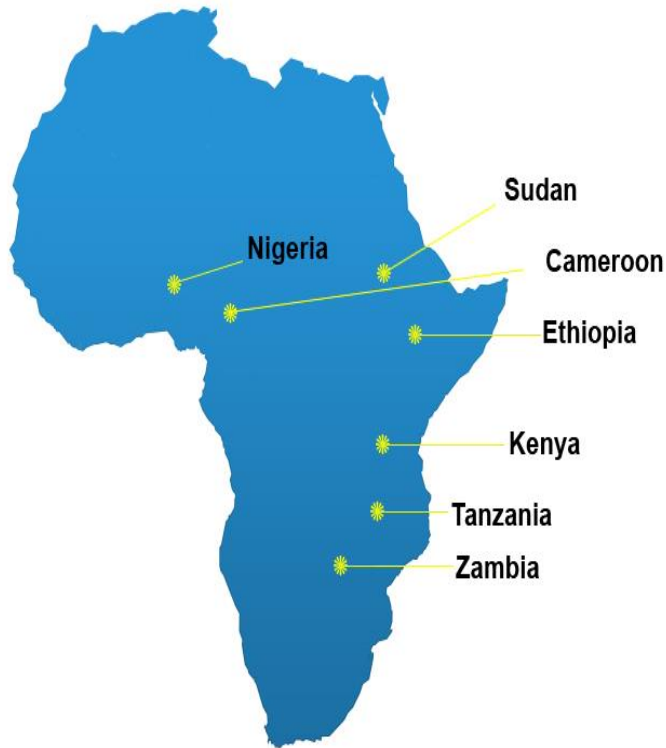


Milne Bay Oil Palm Plantations



PT. INTI KEBUN SEJAHTERA

Presence in Africa



Cargill Kenya Limited.



Unilever Tea Limited, Kenya.



James Finlay Kenya



Kenya Tea Development Agency



Sasini Tea & Coffee Limited



EASTERN PRODUCE KENYA LTD

Eastern Produce Kenya Ltd



Olam Coffee International



TRADING COMPANY LIMITED

Chai Trading Ltd.



Mbaraki Port Warehouses (Kenya) Limited



Kakuzi Ltd



East Usambara Tea Company Ltd.



كوفتسي
COFFTEA

Pamol plantation plc



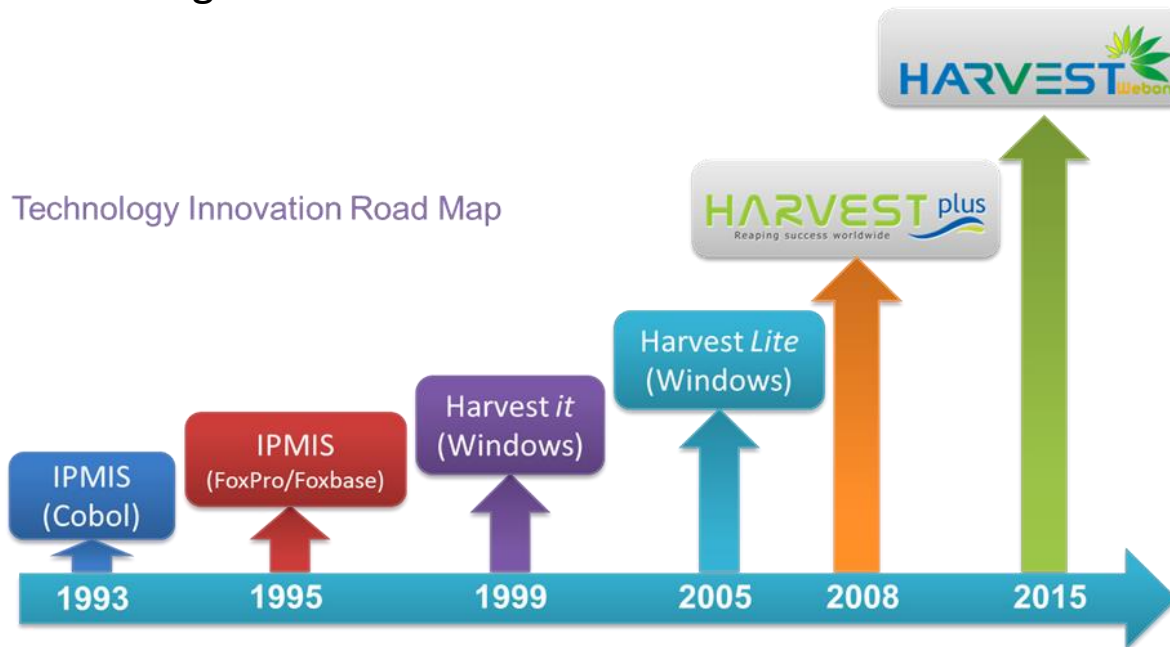
Glory Jade Investments Ltd



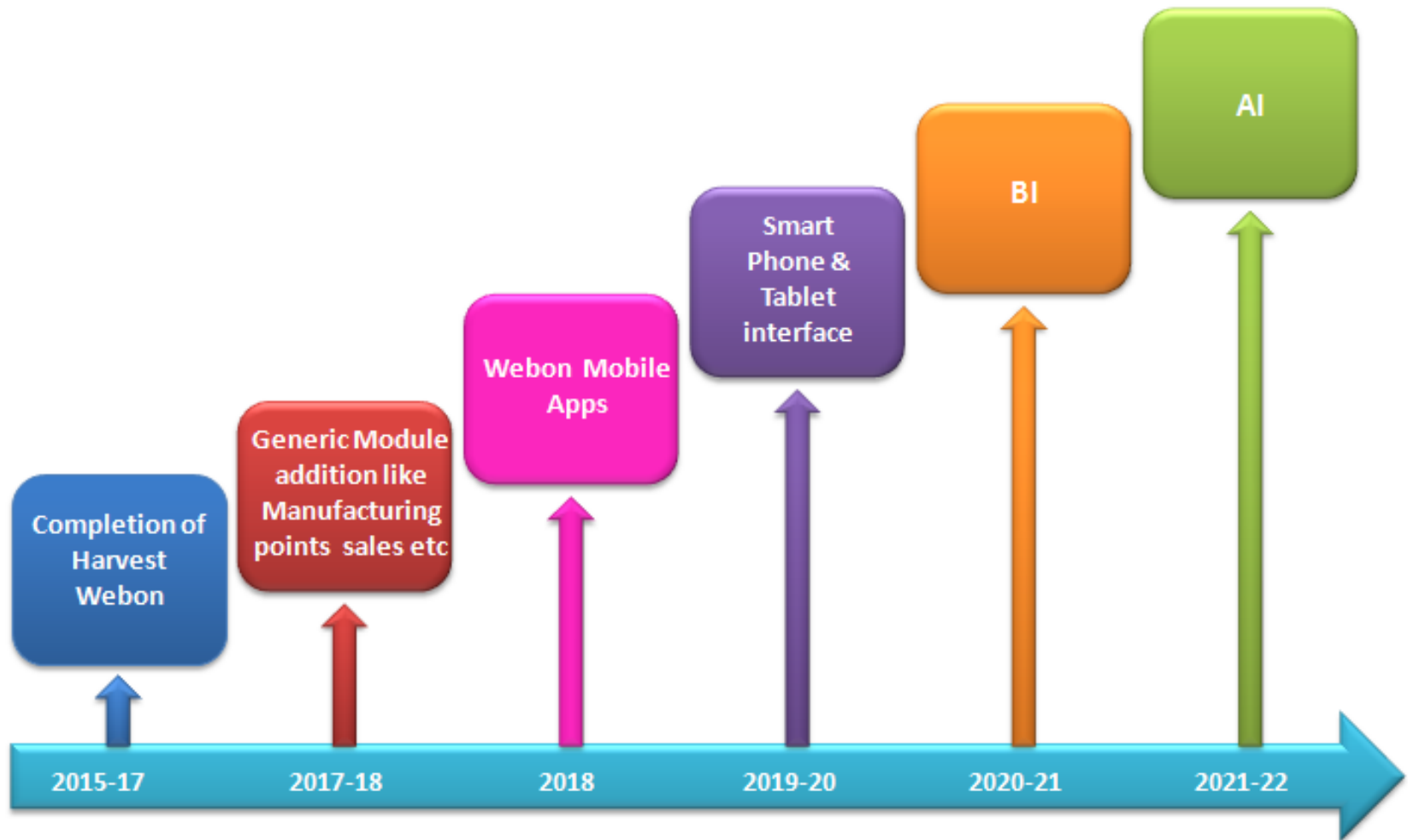
Pamol Plantations Plc

Product Portfolio

We always travel along with the IT industry technical growth which can help our clients to grow along with industry latest technology .The proposed version on Harvest, Harvest Webon is the latest version build with Microsoft web technology. Some of the modules which are already within our old version will be build up in Harvest Webon for upcoming releases .We feel that those module can contribute in your business growth



Product Road Map



Our Major Clients

- ❖ **PT Rea Kaltim Plantations , Indonesia**
- ❖ **PT Socfindo, Indonesia**
- ❖ **PT Inti Kebun Sejahtera , Indonesia**
- ❖ **Olam Coffee International, Tanzania**
- ❖ **PT Niagamas Gemilang**
- ❖ **The Wood Foundation Africa**
- ❖ **Sasini Tea Limited, Kenya**
- ❖ **James Finlay, Kenya**
- ❖ **Consolidated Tea & Lands company, Bangladesh**
- ❖ **Chai Trading Ltd (KTDA)**
- ❖ **Unilever Tea Kenya Ltd.**
- ❖ **Eastern Produce Kenya Ltd, Kenya**
- ❖ **Kakuzi Ltd, Kenya**
- ❖ **Mastermind Tobacco Kenya Ltd, Kenya**
- ❖ **Watawala Plantations Limited, Sri Lanka**
- ❖ **Amalgamated Plantations Limited.**
- ❖ **Apeejay Tea Limited**
- ❖ **Joonktollee Tea Estate Ltd (Joonktollee Tea & Industries Ltd)**
- ❖ **Cochin Malabar Estates & Industries, India (Joonktollee Tea & Industries Ltd)**
- ❖ **Veekay Tea Limited, India**
- ❖ **Cheruvally Rubber Estate (Believers Church), India**

.....and many more



Project Methodologies



Development Methodology

- A software development process is a structure imposed on the development of a software product. Software development is an activity of establishing all functional requirements into the software.
- Scrum methodology of Agile Development Framework is being followed for the Harvest Webon Project

SCRUM PROCESS



System Requirement Study

As per the pre SRS meeting the System Study team will conduct the study and GAP analysis of the software in the Client site. The main activities carried out in the system study are:

- System Requirement Study
- SRS Documentation
- SRS Verification
- SRS Approval & Sign Off



System Design

Software design is a group of activities which deals entire structure of the software by including low level design documents, such as

- ❑ Prototype
- ❑ Review
- ❑ Database Design
- ❑ ER Diagram
- ❑ Process Document Preparation

System Development

A Software Development process is a structure imposed on the development of a software product. Software development is an activity of establishing all functional requirements in to the software.



The main activities involved in system development are:

Project Plan & Scheduling

- Detailed project plan & Schedule is being prepared
- Estimation
- Estimation Approval
- Development Schedule Preparation & Approval
- Deliverables and Time lines
- Project management and resource requirement
- Project steering committee constitution and responsibilities
- Project standards and procedures
- Training plans and Tracking
- Software configuration management and Quality plan
- Project assumptions and Work plan
- Risk Assessment, Analysis and Mitigation plans



Resource Allocation

- Resource Request
- Resource Approval
- Resource Allocation

Project Monitoring & Controlling

- Project Manager is responsible for project progress monitoring
- Project Tracking is done on a Weekly basis.
- Weekly Progress review meeting conducted
- Analyzing the Project Development Status
- MOM is prepared & circulated
- Weekly Status Report prepared by Module Leads
- PM will consolidate and circulate the same to PD Head

Program Spec Preparation & Review

The program specification gives an overview of the program to be developed. It covers the details of the tables participated, validation required, Basic Algorithm required if any etc. The software engineer will prepare the Program specification and it will be reviewed by the Team Lead.

Coding


- ❑ The Team Lead or Module Lead will explain the functionality to the team member after referring the program spec / ER diagram/ Proto type.
- ❑ The software Engineer will refer the program spec/ ER Diagram/Prototype for more details
- ❑ Software Engineers shall code the solution for the program based on the work allocation from the Team lead.
- ❑ Solution for the segregated client functional Points will be done by the software engineers in the client source of the concerned project.

Code Review

- ❑ The review of the code will be done using the code review checklist.
- ❑ The Software Engineer and the TL (or a person assigned by the TL) shall jointly walk through and review the program source code to ensure that it meets the program Specifications and that the coding standards are followed.
- ❑ In case of corrections to be made, the Software Engineer shall modify the program as warranted until all observations are closed.

Unit Testing

The Unit Testing will be carried out with in the development team to make sure that all the functionalities were taken care. The activities included in Unit testing are:-

- ❑ Unit Test Plan
 - ❑ Unit Testing
 - ❑ Bug Fixing
 - ❑ Release to QC
- 

Quality Control Methodology

Quality Testing

Testing is a process of evaluating a system by manual or automatic means and verifying that it satisfies specified requirements or identify differences between expected and actual results. Software Testing is not an activity to take up when the product is ready. An effective testing begins with a proper plan from the user requirements stage itself. The processes that clearly define the guidelines to achieve objectives. The various phases involved in testing process are as follows:

- ❑ TEST INDENT
- ❑ TEST PLANNING
- ❑ TEST ENVIRONMENT
- ❑ TEST EXECUTION
- ❑ PRODUCT VALIDATION
- ❑ TEST CLOSURE



Test Indent

This procedure initiates the testing activity. Product Development team will make a formal request for testing and they will hand over the following relevant documents:

- ❑ Test Initiation Note
 - Build Plan
 - Build Release Plan
 - Tentative Release Schedule to QC
 - Tentative Release Schedule to Client
- ❑ Functional Specification
- ❑ System Requirements Specification (SRS)
- ❑ Prototype

Test Schedule (Detail Test Schedule will be done by QC)



Test Planning

This procedure covers the test planning process, which includes:

- Test Strategy
- Test Schedule
- Test Implementation
- Test Environment
- Test Criteria
- Test Cases
- Analysis & Reporting
- Project Tracking & Risk Factors
- Software Configuration Management (SCM) plan
- Bug Reporting procedures

At this phase, the resources for testing and Test Lead are identified. The team that is formed initiates the process.



Test Execution

The major phases of Test Execution are:

- System Testing
- Integration testing
- Defect Reporting & Analysis
- Project Tracking
- Review

Product Validation

In this process, QC verifies the testability of the requirements as specified in the SRS.

- Validation Testing
- Test Execution

Validation of test results against expected results



Steps For Testing Process

- ❑ The builds are received from Product Development team along with Release Note, Installation Guide and Build Folder.
- ❑ QC does verification of the contents of the Release Note against the build components, release documents, bug lists and enhancements.
- ❑ The Test Team does the installation according to the Installation Guide provided in the build folder and initiate the Smoke Testing.

If no major show stoppers found during the installation and Smoke Testing , build is accepted and taken for other tests as per the Test Plan .



Internal Team Process for 'Bug Finding'

- ❑ If the build is the first version, functionality testing is performed and bugs are logged simultaneously.
- ❑ If the build is second or the later versions, first bug testing or defect testing is done based on the bugs listed in the release note. After bug testing, functionality testing is performed along with localization testing and integration testing. Bug logging is done simultaneously with the functionality testing
- ❑ Using the internal web-based bug login tool, bugs are logged.

Test Closure

Test Closure statement includes all the issues noted during the testing process, information about types of testing performed and the list of the bugs with their status. This is prepared by the Test Lead.



End of Process

A Software Test Certificate is issued based on the maturity of the build at the end of testing.

The Levels are as follows :

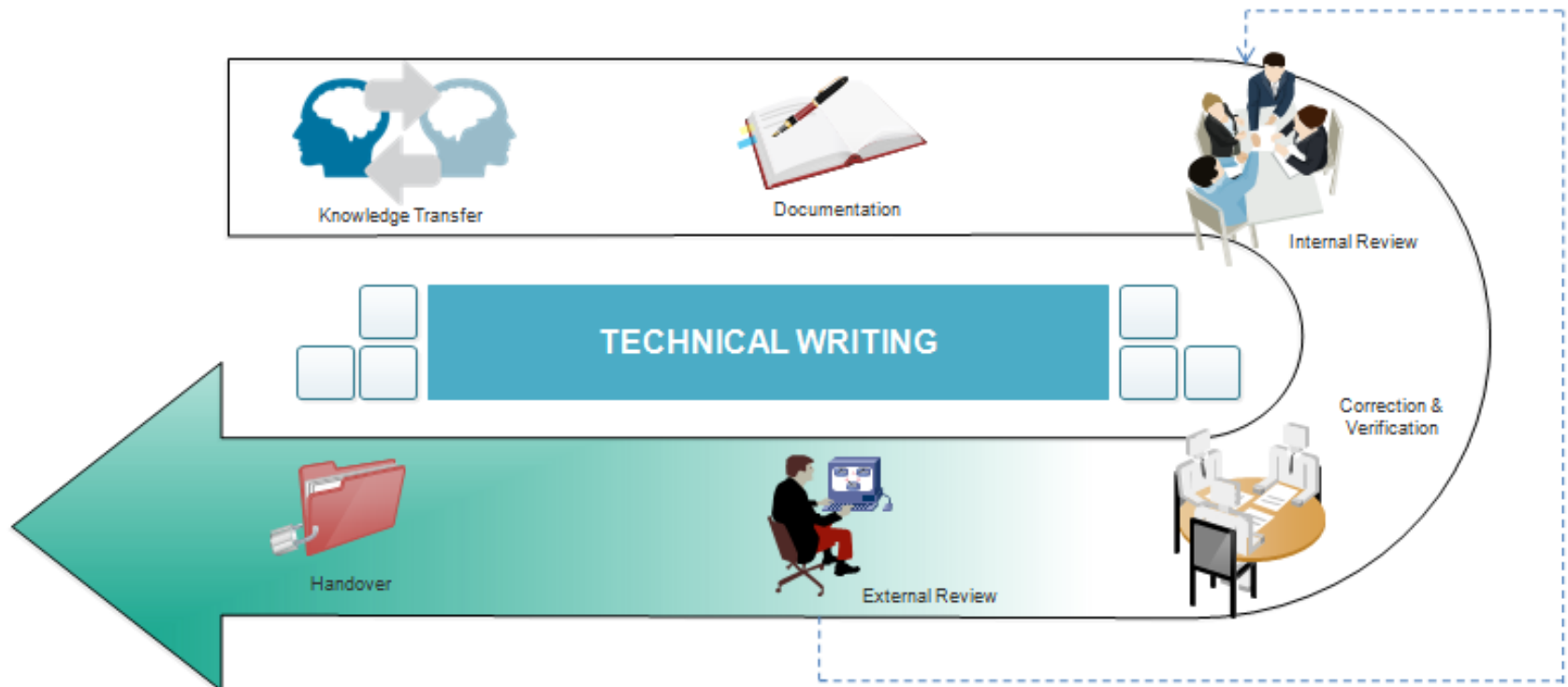
A+ , A, B, C, D

The Build with B and above levels are allowed for client delivery



Documentation Methodology

Documentation is the framing of technical words to form a sentence explaining the user how the software works for him. Documentation will be done for all the points in the SRS. A detail description of the functionality and a user Manual & online help will be prepared.



Implementation Methodology

Once the testing is completed and released to the client, the implementation team needs to do the mock implementation process at the development center. The implementation team must do the process similar to the same environment that client uses.

- ❑ Get the QC-certified product from the Test Manager.
- ❑ Schedule and perform Mock implementation at development center before releasing the product to customer.
- ❑ Initiate customer about implementation plan and pre-requisites.
- ❑ Get the master data information from the customer and do the Data porting prior to the commencement of implementation at site.
- ❑ Get customer clearance for sending Implementation Team to site.
- ❑ Release Implementation Team & software application to site.



Kick Off Meeting

- ❑ Conduct Project Kick Off Meeting at Client site
- ❑ The main participants are HOD- Projects/Products, Project Manager, Project Lead & Implementation Engineers & Client Management
- ❑ Presentation & Finalization of Implementation Plan
- ❑ Formation of Steering & User Committees of Client & Company
- ❑ Overview, Training & Implementation of individual modules as per the implementation Schedule

Installation

The Installation of the QC certified software will be done in the server machine provided by the client. Installation certificate has to be issued by the client after the verification of Installation.



Training workshop

- ❑ Training objectives is to equip users with sufficient knowledge so that:
 - They can competently use/manage Application
 - Reach a high confidence level to manage Application independently
- ❑ User training is a continuous process across Implementation
- ❑ Users are trained with following approaches:
 - Classroom Training Sessions
 - Hands On Training Sessions
 - Training Materials
 - Prerequisites
- ❑ Pre-requisites to conduct training:
 - Client identifies the trainees
 - Classroom with sufficient seating arrangements:
 - ✓ PC, LCD projector
 - ✓ Screen, White Board etc
 - Lab with workstations:
 - ✓ Minimum 1 workstation for every 2 trainees



- ❑ Declared by us:
 - Module wise schedule
 - Training content
 - Date & Time
 - Participants List
 - Venue
- ❑ Classroom training session consist of:
 - Module overview
 - Module Work flow
 - Functional points
 - Important data items impact
 - Integration of the module with other sub systems, if any
 - Data collection sheet awareness
- ❑ Sessions are based on planned implementation schedule
- ❑ LCD projector, white board, etc. to be provided by the client
- ❑ Sessions usually take ½ to 1 day for each module



- ❑ Hands on training session consist of:
 - Required User Settings
 - Sample data entry
 - Processing, if any
 - Generating Reports and verification
- ❑ Hands on training follow classroom training sessions
- ❑ Sample data to be provided by client
- ❑ Hands on training is done for 2 weeks for each module
- ❑ Training Certificates issued to End Users who complete it satisfactorily



❑ Training materials consist of:

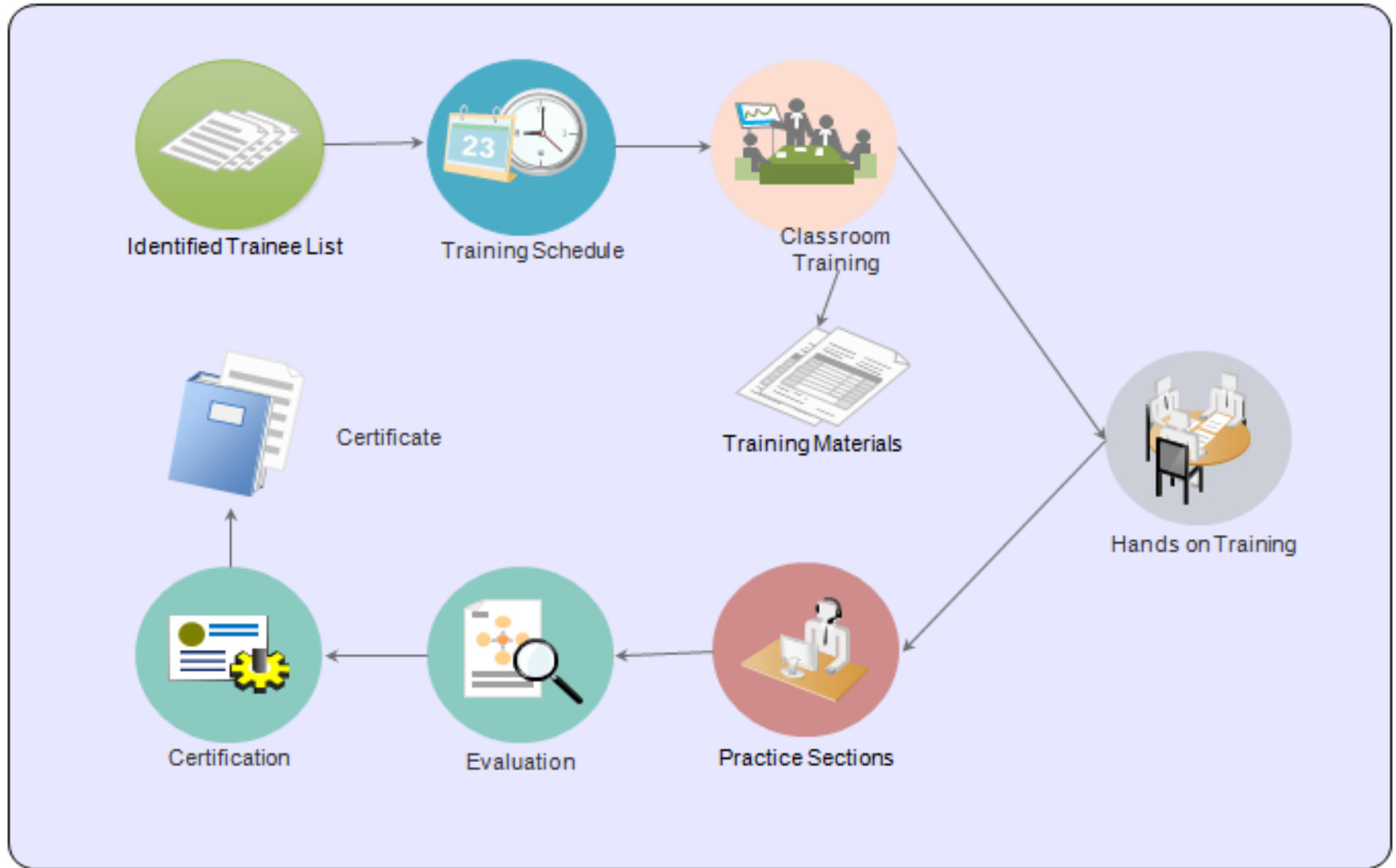
- Training Manual
- Installation / Setup details
- Data flow within the System
- Integration chart of the module with other sub systems, if any
- Major functional points in brief
- Dos & Don't
- Troubleshooting
- Known error database

❑ User Manual

- Soft copy



Training Process Flow



Trial & Parallel Run

Trial run is the process of entering and verifying the data. Here the transaction data will be entered by the real end-users in the system so that they can get familiarized with the system and validate the same. Customer will verify the system and approve to move the system to Live run.

- ❑ Verify the Master data prior to the commencement of Trial Run.
- ❑ Execute application for the user data.
- ❑ Process all the modules for the selected set of data, Verify calculations, database updates, post processing balances etc.
- ❑ Generate report for all modules and Verify report (as per SRS)

Report Verification & Rectification

- ❑ Submit the reports to customer for verification.
- ❑ The Customer needs to verify the report and processes and give feedback. This should be within the scope of the application requirements (SRS).
- ❑ Record the errors, if any, using Release Note to QC
- ❑ Prioritize the errors for correction.
- ❑ Send the filled Program Trouble Report (PTR) template to PD team.
- ❑ Collect the fixes from IB SPL and roll out corrected executables.
- ❑ The SE needs to coordinate with the offshore development team and customer to close all defects.
- ❑ Project Review /Progress meetings will be conducted at client site once in a month and MOM will be circulated.

Go Live

- Live Run of Modules
- Clearing Old Data
- Day to Day Transactions
- Month end Process
- Generation of Reports

Signoff

Once the client is satisfied with the trail run, UAT and implementation, the Customer will verify the system and will issue the Sign off Certificate.

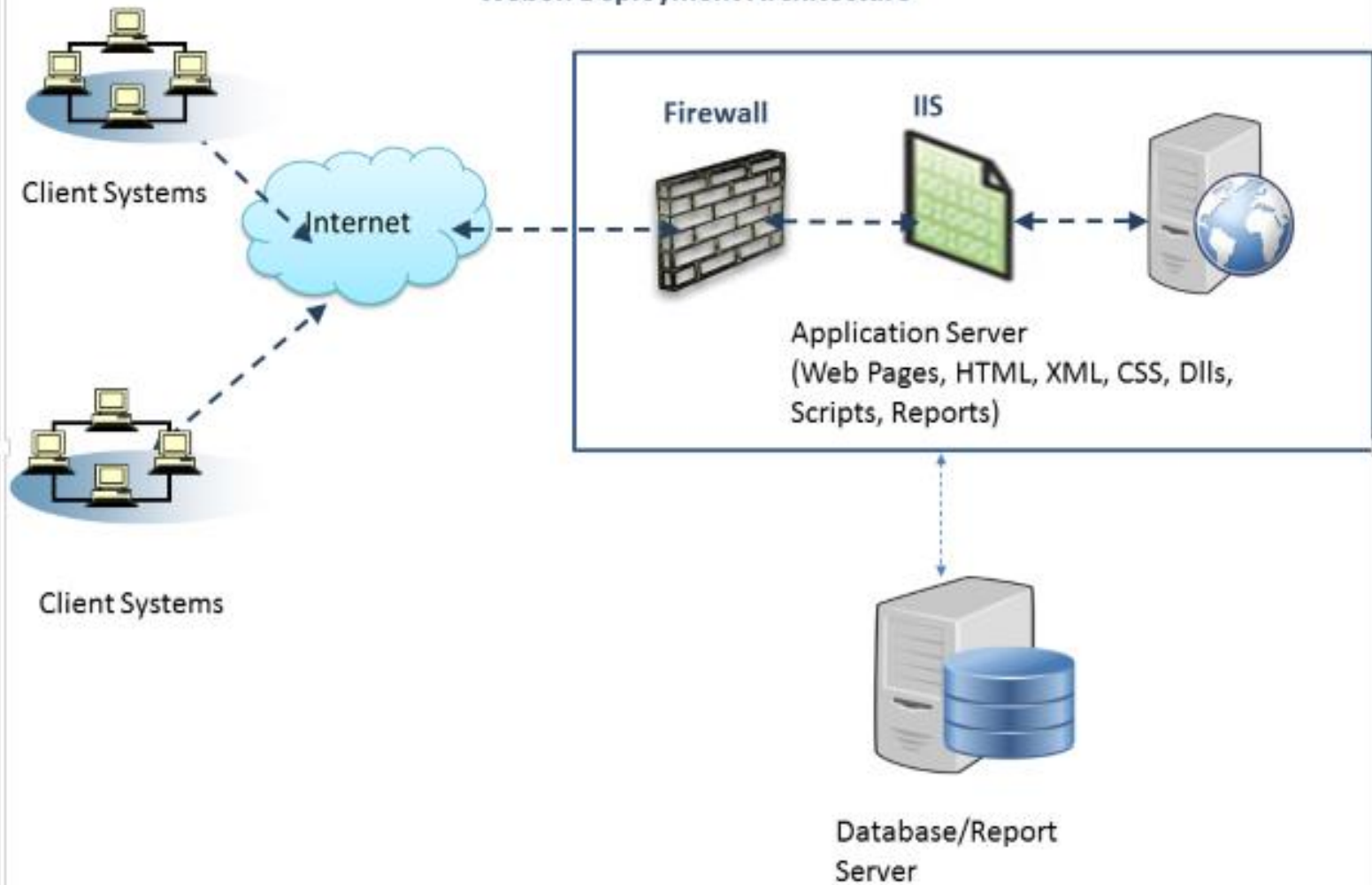
- Project Sign Off
- Sign Off Document Preparation
- Project Sign Off Meeting
- Address Pending Issues, if any
- Authorization of Sign Off Document
- AMC

Requirement Change Proposal

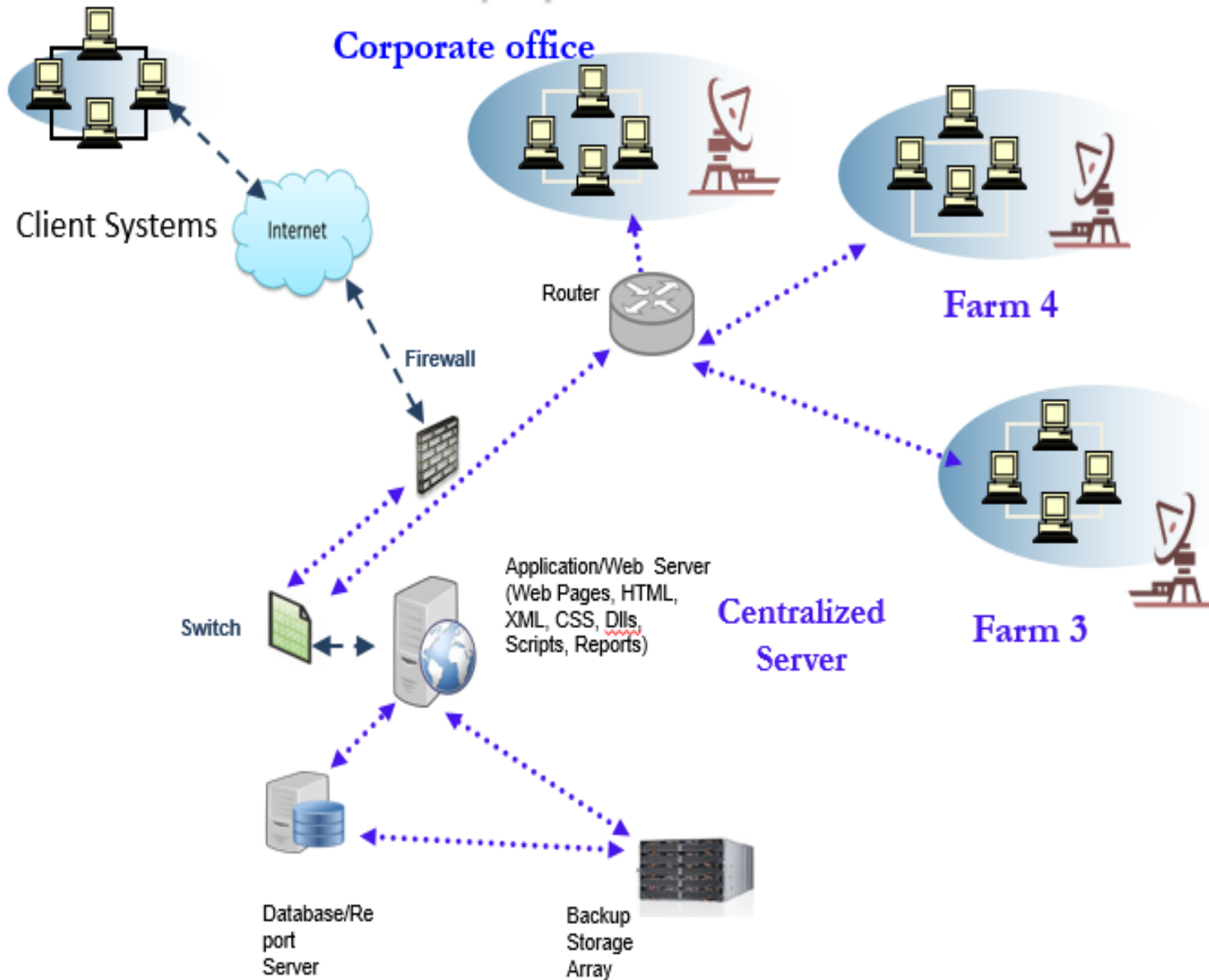
- ❑ Any change which is not in the SRS will be considered as a RCP. The process which is followed for this is called as Requirement Change Management.
- ❑ Client will prepare a detailed requirement document on the requirement changes and send to iSmart.
- ❑ iSmart project Manager arrange a concall /discussion with Client on the Requirement doc and expand the requirement Document in specified format and send back to client for confirmation.
- ❑ On receipt of the confirmation, Project manager will conduct Impact Analysis which will cover the impact of the specified change in the other System areas such as - other modules, existing Validations, Reports etc.
- ❑ The document will again send to client for confirmation. After the confirmation from the customer, Project Manager will raise a formal Request Change Proposal. Where advance payment is required, Project Manager will send to Accounts an Advice for Raising Invoice and collect payment from customer.

- ❑ Based on the requirement change proposal an estimation will be carried out by the Project Manager and it will be send to client for approval. A development Plan & Schedule will be prepared based on the estimation. The Approved RCP & IA will be handed over to the Development Team.
- ❑ Once the development is complete it will be send to QC department for testing. A Test Plan, estimation and a schedule will be carried out by Test Manager on receipt of Test initiation from the Project Manager.
- ❑ Test Closure will be given for the tested executables once a full round of testing is completed. Test closure certificate will be provided once all the testing phases are completed.
- ❑ All communication to the development centre will be done only through the PM or any personnel assigned by the PM.
- ❑ QC-certified product/executable will be handed over to Project Manager.
- ❑ The Project Manager will deliver the developed and tested software as per the RCP to customer and will send to Accounts an Advice for Raising Invoice and collect payment from customer.

Webon Deployment Architecture



Deployment Architecture



Technical Support

For continued support after completion of implementation, **iSmart** will enter into a comprehensive **Annual Maintenance Agreement (AMC)**. Under this **AMC**, a first level of support will be provided by a team of professionals manning our Customer Support Desk at its offices in Kochi, India. This will be supplemented by site visits on mutually agreed terms as needed which will include: Our support includes assistance of any technical issues coming up for smooth running or Harvest like SQL operating system or hosting issues etc..

- Unlimited telephone assistance

- Problems responded based on priority

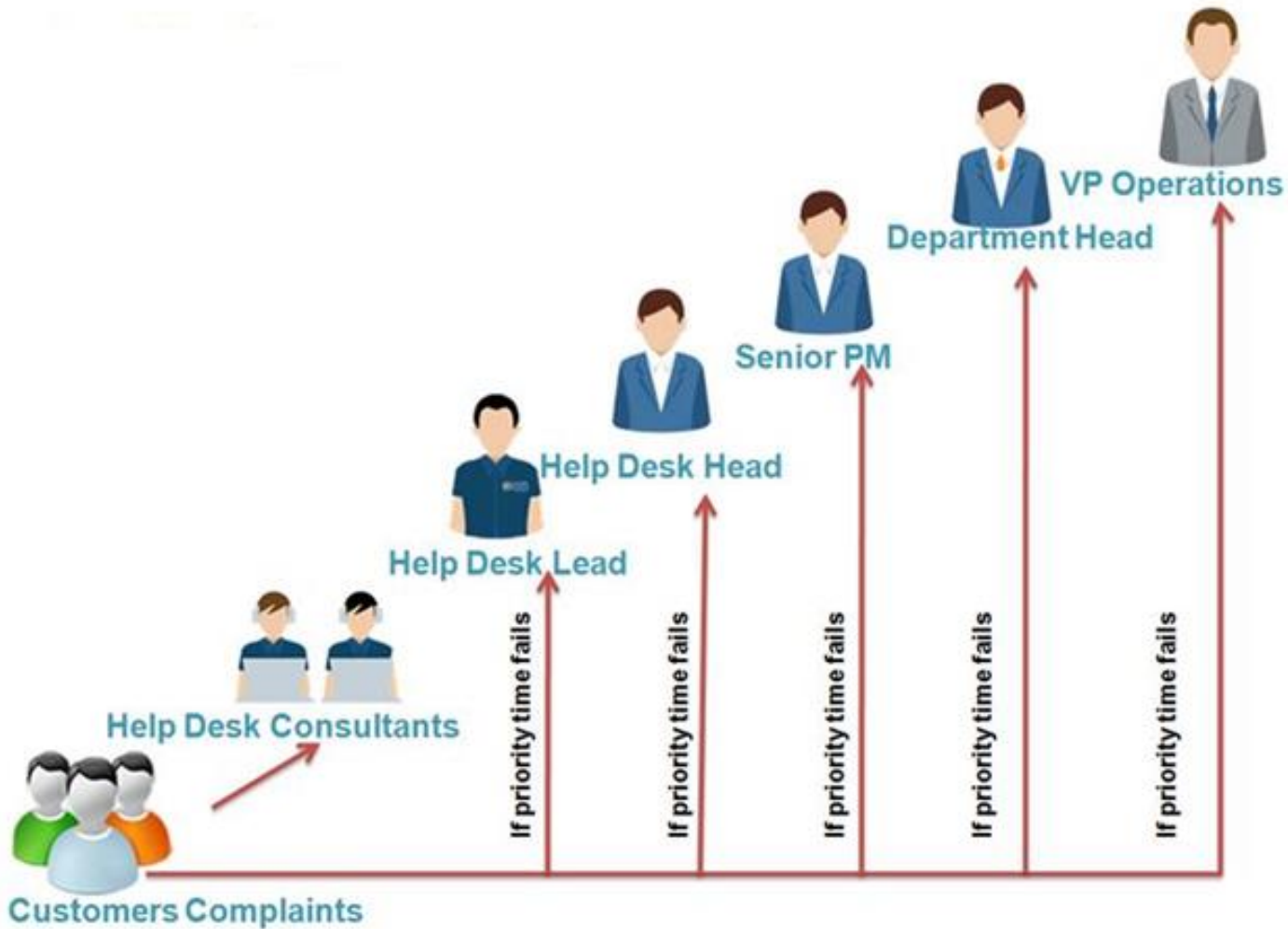
 - ❖ Show Stoppers: These bugs/problems that are critical in nature. The resolution time is 4-6 hours.

 - ❖ Bugs/problems that are issues but do not hamper day to day operations. The resolution time is within 5 working days.

- If the customer requires a bug fixed, **iSmart** will do this from a vast library of bug fixes maintained. Senior management of **iSmart** will monitor & evaluate services provided through teleconferences periodically.

- Support timing will be based on client working hours

Escalation Process

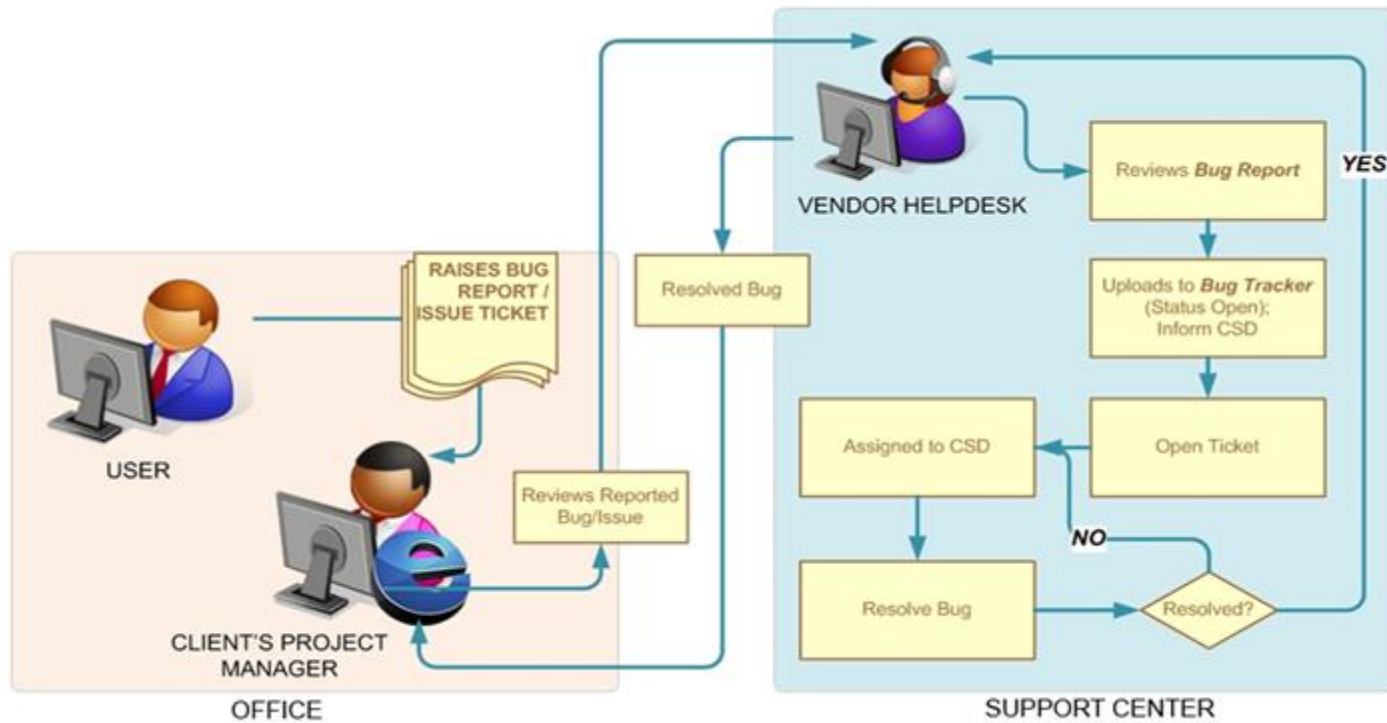


Support

For continued support after completion of implementation, iSmart will enter into a comprehensive Annual Maintenance Agreement (AMC). Under this AMC, a first level of support will be provided by a team of professionals manning our Customer Support Desk at its offices in Kochi, India. This will be supplemented by site visits on mutually agreed terms as needed which will include:

- ❑ Unlimited telephone assistance
- ❑ Problems responded to within 24 hours.
- ❑ If the customer requires a bug fixed, iSmart will do this from a vast library of bug fixes maintained.
- ❑ Senior management of iSmart and its local business partners will monitor & evaluate services provided through teleconferences periodically.

Support Process



Our software products embrace all the operations right from SEED TO SALE.



Field Preparation
Monitoring and
Recommendation



Financials and Budget
Aspects



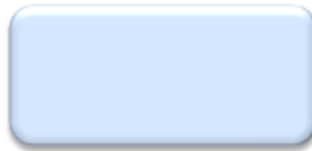
Planting and Upkeep
Maintenance



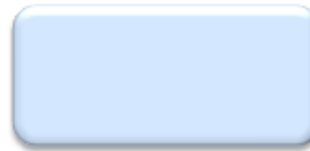
Nursery Management



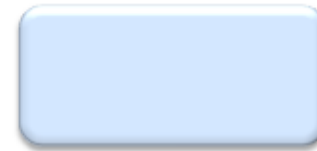
Pests and Disease
Control



Harvesting and Tracking
of Productivity



Quality Control



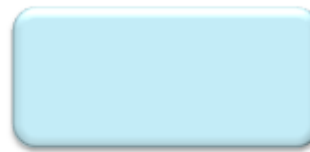
Sales & Dispatches



Human Resource
Management



Inventory / Warehouse



Outgrower / Small
Holder Management



Contract Management



Management
Information System



Business Intelligence



Access Management





Introduction – HARVEST

HARVEST *webon* is the new generation Plantation ERP system from iSmart Business Solutions Pvt. Ltd

The system is developed in adopting latest technologies and capable of integrating to various electronic devices for the improvement of Plantation Operations.

It is rich in business functions and makes sure the best checks and validations are implemented that ensures faster ROI to the company.

HARVEST Webon-The New Generation ERP

HARVEST Webon is the latest version of Plantation ERP in HARVEST family of ERP systems from iSmart Business Solutions Pvt. Ltd. HARVEST Webon consists of various modules that covers all the business functions of Plantation industry. HARVEST Webon offers the freedom of choice, seamless integration, high performance and reliability that forward thinking companies rely on to increase profitability and gain competitive advantage. It provides a technology driven plantation operation to its clients.



HARVEST Webon - Architecture

HARVEST Webon is developed in Microsoft Technologies using Web Architecture. Its Multi layer architecture helps high scalability, Maintainability and User experience rendered through Smart Phones, Tablet PCs and Notebook computers even in thin network bandwidth.



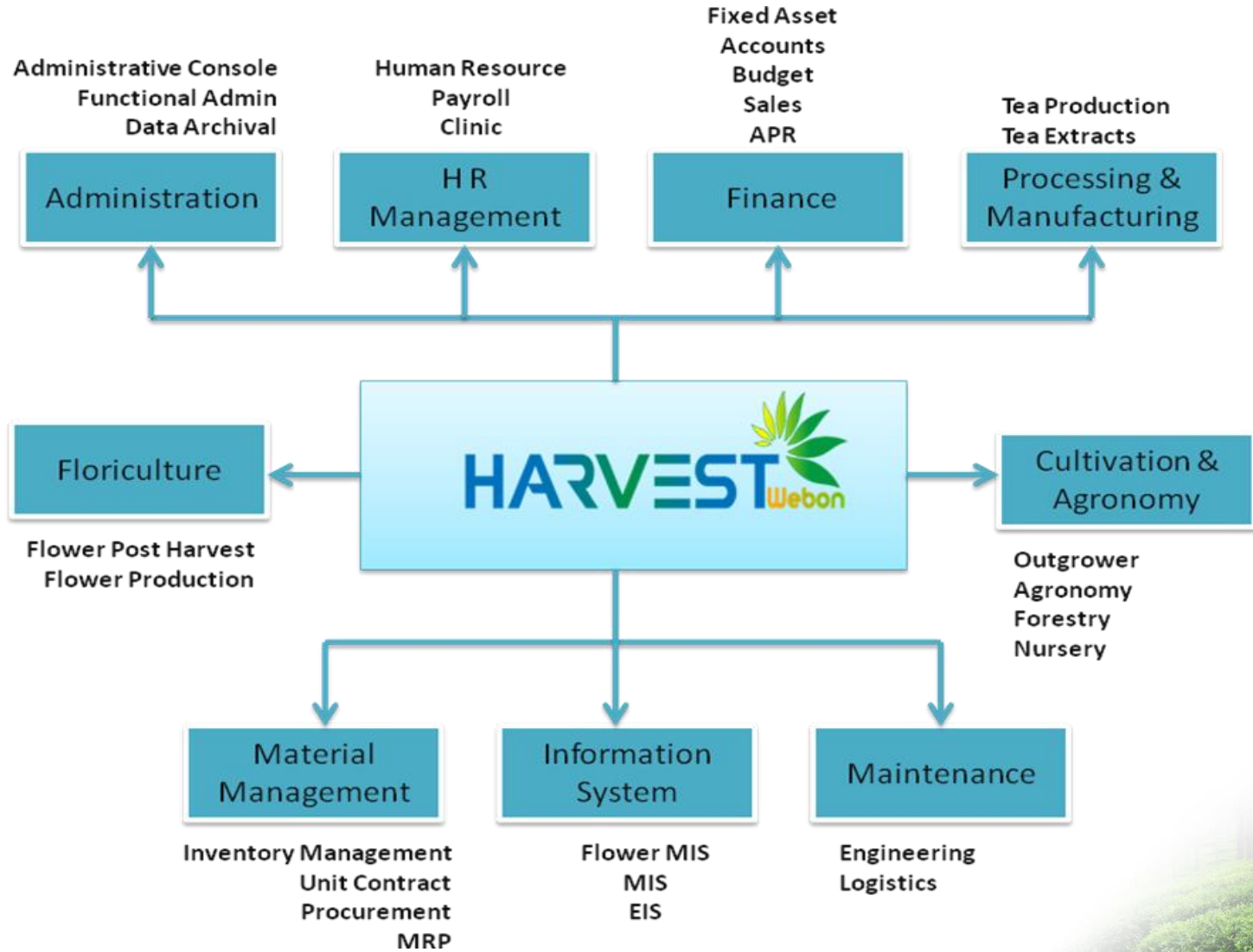
Technical Features

- ❖ **Web Based ERP:** Fully web based and optimized for performance even in low bandwidth. It is also available on tablets or smart phones.
- ❖ **On Premise Or Cloud:** It can be hosted on-premise or with IAS service providers so that infrastructure investment will be low and provides better ROI.
- ❖ **Information Security Management:** System helps to minimize the risks and ensure business continuity by pro actively limiting the impact of a security breach.
- ❖ **Access Right Management:** The System Admin module allows granting or revoking access to the application in accordance to the policy defined by the organization.
- ❖ **User Right and Profile Management:** A comprehensive user rights and profile can be maintained for end users.
- ❖ **Modular:** The system is designed on a modular structure with pluggable architecture that allows optimum licensing cost to the clients.
- ❖ **Role Based Access Control:** This is method of regulating access to the system resources based on the roles of individual users within an organization
- ❖ **Brower Independent:** It supports major browsers like Internet Explorer, Mozilla Firefox, Google Chrome, Symphony etc.
- ❖ **Database Independent:** Supports with different Data Bases such as MS SQL Server and My SQL. This will allow iSmarts clients to use it's existing licenses.

Technical Features

- ❖ **Sophisticated Document Management:** Document management engine allows storage and maintenance of document in electronic format and attached to the respective data in the system.
- ❖ **Customization/Tailoring:** Easily customizable and to any extent due to iSmart's sole IP right to the system.
- ❖ **Easy Deployment:** The patch rolls out system takes care of efficient rolling out or roll back of patches with track records.
- ❖ **Easy Maintenance:** The system is fully hosted and hence remote implementation and maintenance is easy and inexpensive.
- ❖ **Export / Import:** It has built in data import feature by using a template sheet generated from the respective interface. This allows reusing of existing master data and leads less implementation time & cost.
- ❖ **Database Backup Restore And Archival:** It has built in backup / restore and archival mechanisms.
- ❖ **Reports:** A large pool of standard reports is built in different formats such as grids, charts, graphs etc. All reports can be exported to different formats such as HTML, PDF, XML, TXT etc. Analysis can be done on Key Performance Indicators (KPIs) that are crucial to the business.
- ❖ **Dash Board:** User Dash Board option allowing to view critical reports needed by top management in decision making process.

Modular Structure



A login form is displayed on a light blue background. On the left side of the form is a vertical image of a server room with a glowing blue and yellow light effect. The form itself is titled "LOGIN" and contains the following fields:

- User ID:
- Password:
- Location:
- Company:
- Language:

Below the fields is a blue "Login" button and a link for "Forgot Password?".

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- A Web Based System
- Seed To Sale
- Reduced Business Cost
- Reach
- Quick and East Update
- Technology
- Deployment
- Compatibility
- Maintenance
- Zero Install
- Eschewing Conventional Data Transfer
- Data Consolidation



Technical Capabilities

Framework

- A Rapid Application Development Tool.
- Multi level Security (Menu, Entity, Row, Column level and Business logic), Notification, Workflow, etc.

ERP System

- Enterprise Resource Planning System for Agri-Business.
- A comprehensive WEB based ERP system to manage and monitor the business functions of Agri-business.

System Expandability

- The ERP system is highly configurable. The system offers a high degree of configurability with the help of Frame work. The modular structure ensures both independent and integrated way of operation.

Technical Capabilities

Compact

- Expertise in Mobile Application Development.
- iBSPL's core team with Mobile Application development could achieve integration of PDAs.

Hand Held Devices

- Experience in Hand Held Devices integration. iBSPL has experience in integration of Hand Held devices and Bar Code , Attendance Entry from third party devices, Reader to the HARVEST plus ERP system.



Non Functional Features -01

Access Management

WEBON system grants access to the application to the authorized users while preventing access to non authorized users. System makes sure that access to the users given based on the defined security policy.

Forgot Password

Forgot Password feature allows end users to retrieve the password if forgotten. The new password can be mailed to registered email ID. This can be extended to mobile phone.

Role Based Access Control

This feature allows to grant access based on the role of the users within an organization.



Non Functional Features -01

Password Policy

System admin can define Password Policy to make sure that given password matches with the defined policy. A strong Password Policy prevents intruders to crack the password of the users.

Workflow Engine

WEBON Workflow Engine feature allows to manage the business processes effectively and efficiently. Various states, Base State, Direction and End point can be configured for each business transaction.



Non Functional Features -02

Data Import / Export

Data Import and Export features provide access to data from files, excel, external devices.

User Defined Custom Properties

Custom Property allows end users to create their own variables and embrace them in addition of static form values.

Command Box

Command Box gives easy access to the forms by providing transaction codes rather remembering the long path of a form.



Non Functional Features -02

Notification / Alert

System is highly capable of sending notification or alert when an event occurred in the system such as master transaction data created , modified or deleted.

Audit Trail

Audit Trail provides sequence of actions that a user has performed in the application. It is an important tool for the system administrator to monitor and control user actions.



Non Functional Features -03

Dash Board Reports

Highly configurable Dash Board Reports which provide impromptu information for decision making.

Add To Favorites

The “Add To Favorites” feature allows users to add the frequently used forms to the Dash Board.

Advanced Search Box

Advanced Search allows user to filter data by providing various parameters.

Search Data Filtration

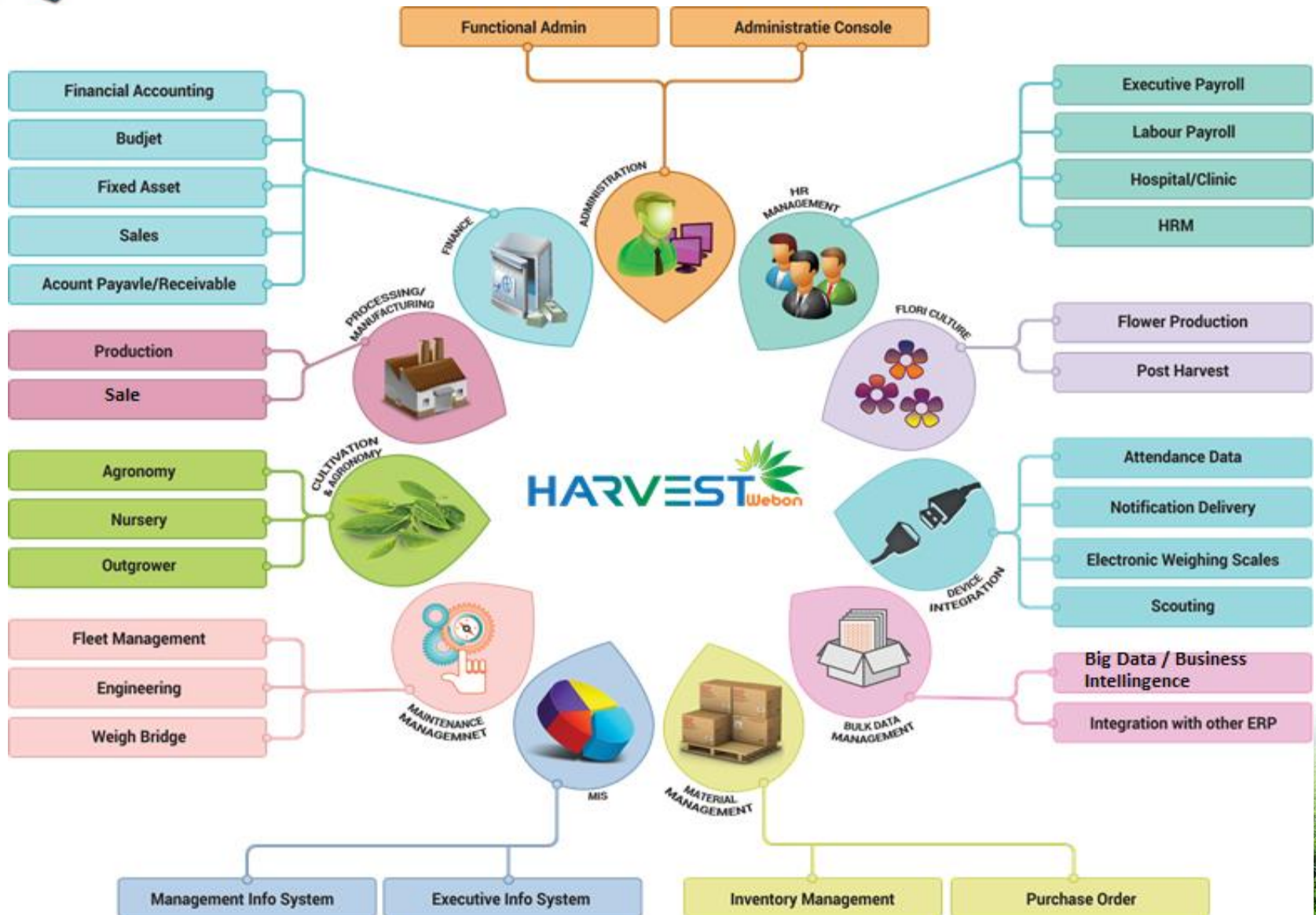
System allows to configure search data filtration based on the configurable conditions.

Agriculture Management Through HARVEST

At iSmart, we aim at the technology-intensive transformation of agriculture and Agri - Business. We have achieved to become a key player in this space through our smart and innovative technology offerings.

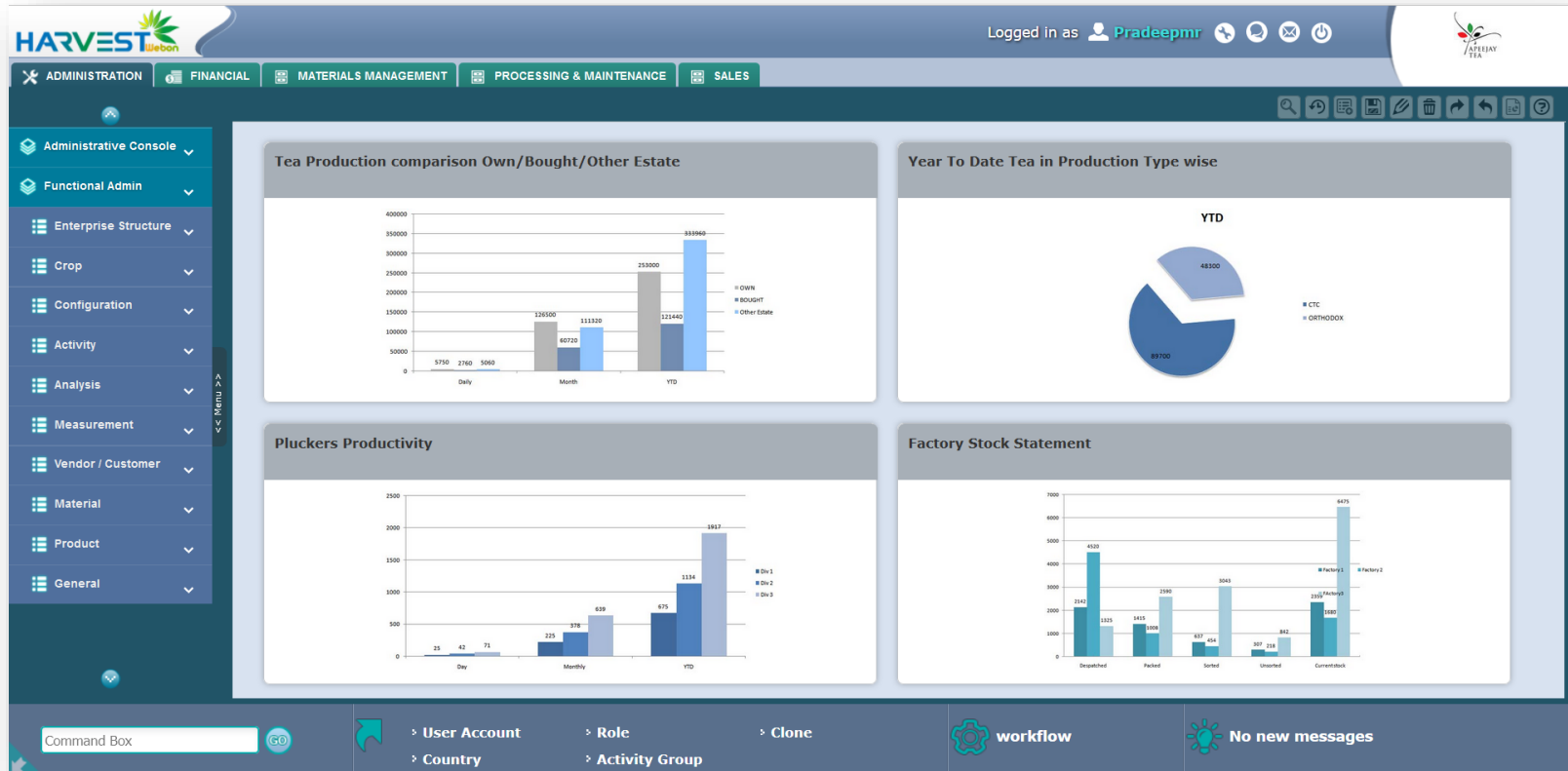
HARVEST *webon* software platform is most advanced, successful and best Farm Management Software platform being widely used globally for farm, farmer, procurement, processing, and financial data management and analysis. It has helped many leading companies in achieving objective of profitable and sustainable agribusiness. This smart agriculture management software platform is highly scalable and is future ready.

Major Modules – HARVEST *webon*





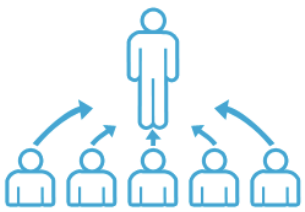
Dash Board view – HARVEST webon





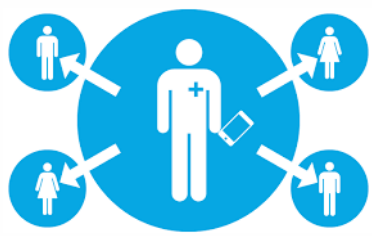
Advantages as a Hosted System

- HARVEST~webon is a Fully Web Based System developed in thin client model so that it is accessible over low band width through all popular Web Browsers.
- The system is taking care of latest technology and is independent from client operating system. So no need of local or client system upgrades over the years.
- As it does not required any client side installation or any additional software, the system is accessible from any type of computer device.
- Bring Your Own Devices (BYOD) is an up coming trend in corporate office setup. That means the employees can use their own computer devices to carry out the office work with out losing any company confidential data. This method will save lot of infrastructure setup and also the employees are free to do their job on the move. HARVEST~webon as a web based ERP system supports BYOD.
- The entire data processing load is shifted to the Data Centre and hence a very minimum investment is needed in client computers or devices.



Multi level Approval System

- Based in the Quantity or Value of the transaction, different levels of approval can be implemented.
- Administrator can configure the workflow based on the business policies.



Multi Company, Multi Estate, Multi Profit/Cost Centers, Multi Currency

- HARVEST~webon supports operations of multiple estates distributed across multiple companies which may use different currency for their financial operations.
- It provides various financial reports based on Profit Centers as well as Cost Centers.



Module wise Configuration

- Users can configure the system based on the business functionalities respective to their crops.
- Configuration of Statutory reports can be done based on the existing rule at the prevailing location.
- Detailed Taxation Setting to take care different taxes and its accounting and returns.
- Various Incentive schemes, Loan and EMI calculation settings .



Analysis Type and Code

- Analysis type and code is introduced to have multiple level of expense analysis from different angles or dimensions.
- Eg: Expenses based on asset, block, project, activities can be achieved using analysis types and codes.
- Cost Centre and Profit Centre accounting is efficiently implemented in the system for better control and profitability analysis.



Foreign Currency and Exchange Gain and Loss

- Gain or Loss incurred in foreign currency transactions are taken care.
- Un-realized Payable documents against foreign currency also considered for the Gain/Loss calculations.



Custom Properties

- Any user definable property to masters can be added at run time.
- This properties can be used to store various information pertaining to the masters and user can define the name of the properties as well.






Expression builder

- Various formulae to calculate salary components , Pf-able earnings and other statutory deductions can be defined using expression builder.
- Users can set their own expressions without the help of consultants based on the requirement.



Tracking of changes in Field Master

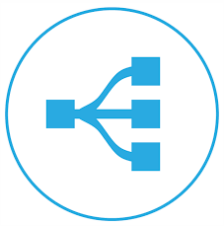
- Field history is more important as field properties are varying based on various factors like tree maturity, terrain, clone, tree count.
 - Provision for tracking of changes in Field Master and support Field History and reporting with back dated status.
- 



Accounting

Option to define Global and Location wise Chart of Accounts

- It will be possible to define a Global Chart of Accounts for the entire organization and that can be extended to each locations which ever is needed. This method will allow the central maintenance of COA with out loosing the integrity between the locations for consolidation purpose.



Mapping of Analysis codes to Chart Of Accounts

- The system provides multiple dimensions of Expense analysis through the implementation of Analysis Types and Codes. To make such multi-dimensional analysis possible, data has to be captured accordingly with accuracy. For better control on expense, Analysis code can be linked to expense account heads to minimize the data entry mistakes.



Fiscal Period and Operating Period for better Control on Accounting Period

- Fiscal period can be divided into sub periods namely operating periods.(For eg. Each month can be called as operational period)
- Vouchers can be booked against the operational period.
- Operating periods can be closed after finalizing financial reports for better control of financial operations.



Recurring / Reversal / Template Journal Voucher

- Journals which is recurring on a regular basis can be set in the system to post automatically based on the settings.
- Automatic reversal of voucher also can be set based on the requirement.
- Journals of same behavior which comes repeatedly can be set as a template and these templates can be used to minimize the data entry efforts.



Foreign Currency Revaluation Account Setting

- Revaluation of foreign currency can be done based on predefined settings.
- In this settings, the accounts participating and the gain/loss account also can be specified.
- The revaluation process can run on each operational period using the settings.



Multiple Voucher Printing Format Option

- Various report formats can be kept in the system.
- User can select the concerned voucher formats with respect to each book/document.



Automatic Payment Advice Note

- On maturity of the payable invoices from suppliers, payment advice notes can be generated automatically from the system.
- System can generate a notification to the concerned authorities about such generated payment advice notes for approval.



Online E-payment to Vendors

- Direct payment to the supplier's bank using the e-payment functionality.



Inventory Generic and Brand Name Functions

- System has a provision to keep general item name for Items which has less important in the specific names but in General item name.
- For Ex: General name - Cement
 - Specific Name - Ambuja Cement
 - Ultratech Cement
- This generic name can be referred to search similar item which can be used as a replacement.



Purchase Office

- In big central purchase setup, there can be specialized purchase sub-sections in the Purchase Department who handles specific category/classes of material purchases. In such cases, the Purchase Requests generated from estates or other locations, should be directed only to the relevant Sub-Section. These Sub-sections are called purchase office. The purchase office can be functioned in different locations based on the bulk availability of the material.
- The Purchase Office function will allow the user to specify the sub-section while he creates the Purchase Request.



Technical Advancements

- More Interoperability – HARVEST~webon has many built in interfaces for sharing data between external systems. This allows easy integration of system with other ERPs or Banks Systems or Hand Held devices.





Technical Advancements

- The System is developed in a combination of Thin and Thick client model considering the Data entry heaviness of the interfaces. The interfaces such as Daily attendance, Material Issue etc are initially automatically saved in to the client machines to protect data loss due to connectivity or power issues. The locally saved data will be updated to the mail server in a scheduled manner.



Technical Advancements

- Supports Centralized and Decentralized implementation based on the client infrastructure.
- Considering the geographical conditions of Plantation, the system is designed to implement in both De-Centralized and Centralized environment. In case there is no connectivity between the business locations, it is possible to implement the system in a De-centralized manner and can be consolidated periodically using the Data Transfer Mechanism.



Technical Advancements

- Easy roll out of enhancements or patches through a Rollout Tool.
- HARVEST~webon provides built in Rollout Tool that can manage the roll outs of enhancements and patches to the Data center in case of centralized environment and can roll out to different locations in case of De-Centralized environment.
- The tool will keep track of all the roll outs with history information.



Technical Advancements

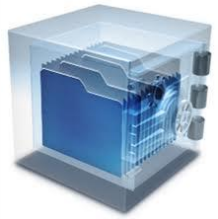
- HARVEST~webon is using Microsoft SQL Server 2014 as Data Base engine which is comparatively cost effective and powerful enough for the plantation requirements.
- SQL 2014 is the latest Data base engine that supports required Disaster Recovery mechanisms recommended for the ERP system.



Technical Advancements

- The built in Data Import & Export tool allows Excel Data upload / migration. This will help importing Master data or any other transactional data with out losing data integrity.
- The data validations are built in for this Data Import Export tool.





Technical Advancements

- Data Backup and Restore with scheduling functions allows automatic backing up of data to take care the Disaster recovery mechanisms. It is also possible to push the back up to a remote system for secure storage.



Technical Advancements

- In corporate environment, there can be huge amount of electronic and physical documents that need to be stored and maintained safely. HARVEST~webon provides a Document Management tool for internal document storing and sharing.





Technical Advancements

- HARVEST~webon is built in with More Detailed User Security. It is extended to Unit level such as Store, Workshop and Nursery wise. Because of that, the user right can be set separately for different stores and woks hops.
- User Right Delegation option – it will also be possible to delegate the right of a user to another user for a period of time with proper Delegation rules.



Technical Advancements

- Dedicated Data Archival and Restoring engine.
- When the Data Base size is getting grown over a period of time, it will be necessary to Archive the old data and kept in a secure place and also it should be made available for all reporting requirements. These kind of Archival and Restoring functions are taken care in HARVEST~webon.



Technical Advancements

- Powerful Audit Trail mechanism is provided to monitor user activities. It is possible to track all kind of user events and be traced when required.





User Experience Advancements

Shortcut Menu option:

- The Shortcut Menu option allows the users to easily access the interfaces that they need in day to day operations without navigating through the big pool menu lists available in the HARVEST~webon system.
- It is possible to create the shortcut menus based on the requirement of the user and it is purely in user basis that means each user can have his own shortcuts.



User Experience Advancements

Command Window :

- HARVEST~webon provides unique command for each user interfaces so that the user can directly type the command in the command window and invoke the interfaces with out opening the module and navigate through the menu.
- This is an alternative option to the shortcut menu.



User Experience Advancements

- Configurable workflow and Notification.
- HARVEST~webon has a comprehensive workflow engine that allows the functional administrator to define the workflow with relevant user privileges in approvals.
- It will be possible to define the approval levels and the flow of work with proper notification to the concerned user.



User Experience Advancements

Configurable Dash Board Reports:

- The system provides a set of Dash board reports that can be hooked in to the dash board of each user based on his functional areas and privileges.
- While opening the system, each user will get their own dash board reports and can be changed to any other report at any point of time.



User Experience Advancements

Direct Login to Short Cut menu:

- The system allows to login directly to the shortcut menu of the user without loading the entire Home page of Dashboard of the system. This will avoid repeated loading of full home page for the daily data entry users who have not much accessibility to the detailed functionality of the system.
- This will reduce the data usage / traffic between the data center and client machines.



User Experience Advancements

Provides dedicated report tool:

- The report tool allows the user to create adhoc reports with out approaching the solution vendor. This will reduce the cost of development of custom reports that is very usual in corporate environment.



User Experience Advancements

- Querying option for data searching and listing.
- The Querying option will allow the user to extract data from any functionality and take it to Excel or any other worksheet tools for further analysis. This works exactly like SQL Query Analyzer but it keeps the security based on the user Privileges.




User Experience Advancements

- Accessibility of the system over Smart Phones and Tablet PCs.
- The system is designed to take care accessibility of the system on required functionality over Smart Phones and Tablet PCs.
- This makes the company executives connected to the system on move.

FEATURES OF MODULE

Financial Account

- Flexible COA And Logical Account Group
 - Centralized Master Data And Location Mapping
 - Profit Centre , Cost Centre And Cost Element
 - Multi Dimension Analysis Types And Codes
 - User Defined Work Flow And Approval Criteria
 - Offline And Online Reconciliation
 - Field Status Group
 - Validation And Control
 - Forex Gain And Loss
 - Inter location Accounting
 - Cheque Series , Allocation And Reallocation
 - Cheque Management
 - Journal Batch And Template Distribution And Settlement
 - Statutory Reports
 - Management Reports
 - Pre Print Reports
- 

Financial Account

The screenshot displays a financial software interface for creating a journal voucher. The interface includes a top navigation bar with the 'HARVEST' logo and 'SMART' branding, and a left sidebar with a menu of financial accounts.

JOURNAL VOUCHER

Form Fields:

- Date: 01/01/2023
- Business Location: 000000
- Credit Voucher No: 000
- Type: Journal Voucher
- Select Template: 0000
- Fiscal Year: 2023/2024
- Encounter: 0000000000
- Reference No: 01.01.2023
- Currency: Indian Rupee
- Exchange Rate: 1.00
- Batch: 0000
- Auto Savings:
- Navigation:

Summary: Debit Total: 2500.00, Credit Total: 2500.00

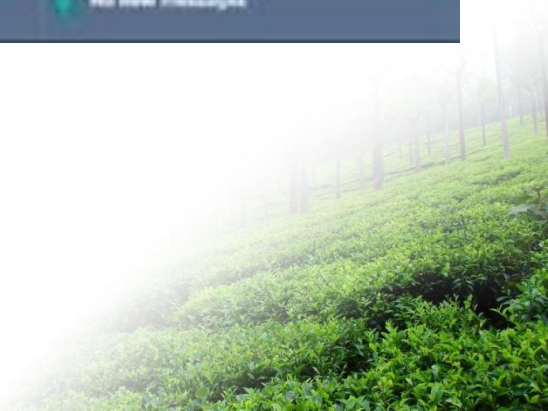
Details Table:

Transaction Location	Amount Group	Account Code	Account Name	Cost Element Group	Cost Element	Debit	Credit	Account(ORG)	Profit Centre	Department	Division	Sub-Block	Navigation
000000	0000000000	01.01	000000	0000000000	0000000000	2500.00		0000(ORG)	0000	0000	0000	0000	0000


Allocation Details: 10/2023

Allocation Type	Allocation Code	Allocation Name	Amount

Footer: Command Bar, 1 Journal Voucher, View & Close, No new messages.



Account Payable and Receivable

- Flexible Document Categories – Vendor / Customer
 - User Defined Ageing Bracket
 - Invoice Entry With And Without Reference
 - Viewing Mature And Immature Invoices
 - Generate Payment Advice Note (PAN)
 - Invoice Entry in Home Currency and Foreign Currency
 - Debit And Credit Note
 - Advance And Adjustment
 - Comprehensive Party Ledger
 - Statement Of Account
 - Ageing Analysis
 - Outstanding Information – Payable / Receivable
 - Retention Plan and Release of Payment
 - Invoice Register
 - PRIP Tracking
 - TDS Control Register
 - Pre Print Reports
 - Notification / Alert
- 

Account Payable and Receivable

The screenshot displays the HARVEST SMART software interface for a RECEIVABLE INVOICE. The interface includes a top navigation bar with the HARVEST logo, user information, and system icons. A left sidebar contains a menu with options like Financial Accounts, Accounts Payable/Receivable, and various reports. The main area is titled 'RECEIVABLE INVOICE' and contains a form with the following fields:

- Bill Category:
- Ref No & Date:
- Invoice/Customer Category:
- Credit Date:
- Company:
- Bill Of Location:
- Date:
- Bill No:
- Vendor/Customer:
- Account:
- Exchange Rate:
- Revenue:

Summary: **Details** | Total Due: **0.00** | Rates And Taxes: **0** | Net Amount: **0.00**

Business Location: | Account:

Amount: | User Blanket:

Amount(DM): | User Centre:

Profit Centre: | Division:

Sub Subs: | Department:

Network:

Allocation Code	Allocation Name	Amount

Cancel All Item Charges | See Also Additional Charges

Footer: | Journal Voucher | Workflow | No new messages

Budget

- Budget Definition and Precedent Budget Data Import
- Activity / Cost Element Wise Budget
- Cost WCentre Wise Budget
- Crop And Finished Product Projection Using Various Parameters
- Harvest And Fertilizer Program
- Integrated ith Other Shared Modules
- Outturn Percentage – Own / Bought
- General Charge Distribution
- System / User Defined Budget Assumptions And Parameters
- User Defined Worksheet Definition
- User Defined Budget Inputs
- Wage / Salary Estimation For Category
- Inter Crop And Out Grower Crop Estimation
- Definition of Geographical Unit Properties
- Manpower Distribution
- Material Distribution
- Cost Of Production
- Budget Summary and Detail



Fixed Asset Management

- Comprehensive Asset Profile
- Asset Categorization
- Maintenance of Opening Block
- Asset Acquisition And Addition
- Asset Sale / Write Off
- Transfer Of Asset
- Shift Details of Assets
- Asset Revaluation
- Work In Progress And Capitalization
- Depreciation Rate For Asset / Asset Category
- Configurable Shift Depreciation
- Depreciation Calculation (SLM ,WDV)
- Roll Back Of Depreciation Calculation
- Integration With Other Shared Modules
- Profile And Loss Report
- Comprehensive Asset Register
- Document Status
- Notification / Alerts



Procurement Management

- Comprehensive Vendor Profile
- Various Purchase Order Types
- Maintenance of Routine Price List for Vendors
- Maintenance of Company's Maximum Price List
- Vendor Evaluation And Selection Policy
- RFQ, Evaluation and Finalization
- Quotation Evaluation and Finalization
- Purchase Order , Amendment And Control
- Vendor Wise Dormant Register
- Preferred / Alternate Vendor Mapping
- PRIP Tracking – A Complete Tracking
- Pending PR And Purchase Order
- Price Trend Analysis
- ABC Analysis
- Sample Acceptance And Evaluation
- Major Purchases
- Notification / Alert



Procurement Management

- Comprehensive Stock Ledger
- Closing Stock Statement
- Goods In Transit , Transfer Out / Transfer In

The screenshot displays the HARVEST SMART software interface. The top navigation bar includes 'ADMINSTRATION', 'FINANCIAL', 'WARRANTY & MANAGEMENT', 'PROCUREMENT & MAINTENANCE', and 'TOOLS'. The 'ROUTINE PRICE LIST' window is open, showing a table with the following data:


Name	Stock Name	Reference No	Active	Vendor	Pricing Criteria
af	afg	afg	True	Agri Solutions PVT LTD	Vendor Maximum Routine Price
ah	ah	h	True		Company Maximum Routine Price
ak	ak	ak	True		Company Maximum Routine Price
e	ek	ek	True		Company Maximum Routine Price
fa	f	f	True		Company Maximum Routine Price
RPL005	005	005	True		Company Maximum Routine Price
RPL TEST 004	RPL004	00	True	John Kals	Vendor Maximum Routine Price
RPL 1 vendor test	01001	01001	True	Wipro	Vendor Maximum Routine Price
RPL 1 Company test	RPL1	01001	True		Company Maximum Routine Price
TEST RPL 12	TRPL12	0012	True		Company Maximum Routine Price
Test RPL 15	TRPL12	RPL/Ref12	True	John Kals	Vendor Maximum Routine Price
Test RPL 12	TRPL12	RPL/Ref10	True		Company Maximum Routine Price
RPL Comp RP	RPLCOMP	RPLCOMP	True		Company Maximum Routine Price
RPL Vendor - RP	RPLVSRP	RPLVSRP	True	AGRIWALA SARUJ CO	Vendor Maximum Routine Price
Test R Price 2	TSP 2	000	True		Company Maximum Routine Price

The interface also features a sidebar with navigation options like 'Procurement', 'Inventory', and 'Reports', and a bottom status bar with 'Connected User', 'User ID: 1000', and 'No error messages'.

Payroll / Checkroll System

- Comprehensive Employee Profile , Flexible Employment Type , Basic Rate And Categorization
- Workgroup And Roles
- Employee Master Data Control In Respect to Duplication And Manipulation.
- Earning And Deduction Components According To The Needs of the User
- User Definable Expression On Earnings , Day , Service To Use As Flexible Wage Calculation Base
- Configurable Recovery Atomization
- Employee Loan Management With EMI And Interest
- User Defined Expression For Tax Calculation , Deduction And Earnings
- Family Details for Ration Calculation
- Ration Eligibility And Calculation
- Harvesting And Non Harvesting Attendance Entry
- A Single Key Payroll Calculation
- Over Time Definition And Calculation
- Frequency of Salary Processing Can Be Weekly, Fortnightly And Monthly.
- Task Based Wage , Incentive Calculation
- Liability Journals For Calculation Spanning Multiple Financial Sub Periods
- Multi Dimension Analysis Types and Codes Entry During Attendance and Over Time

Payroll / Checkroll System

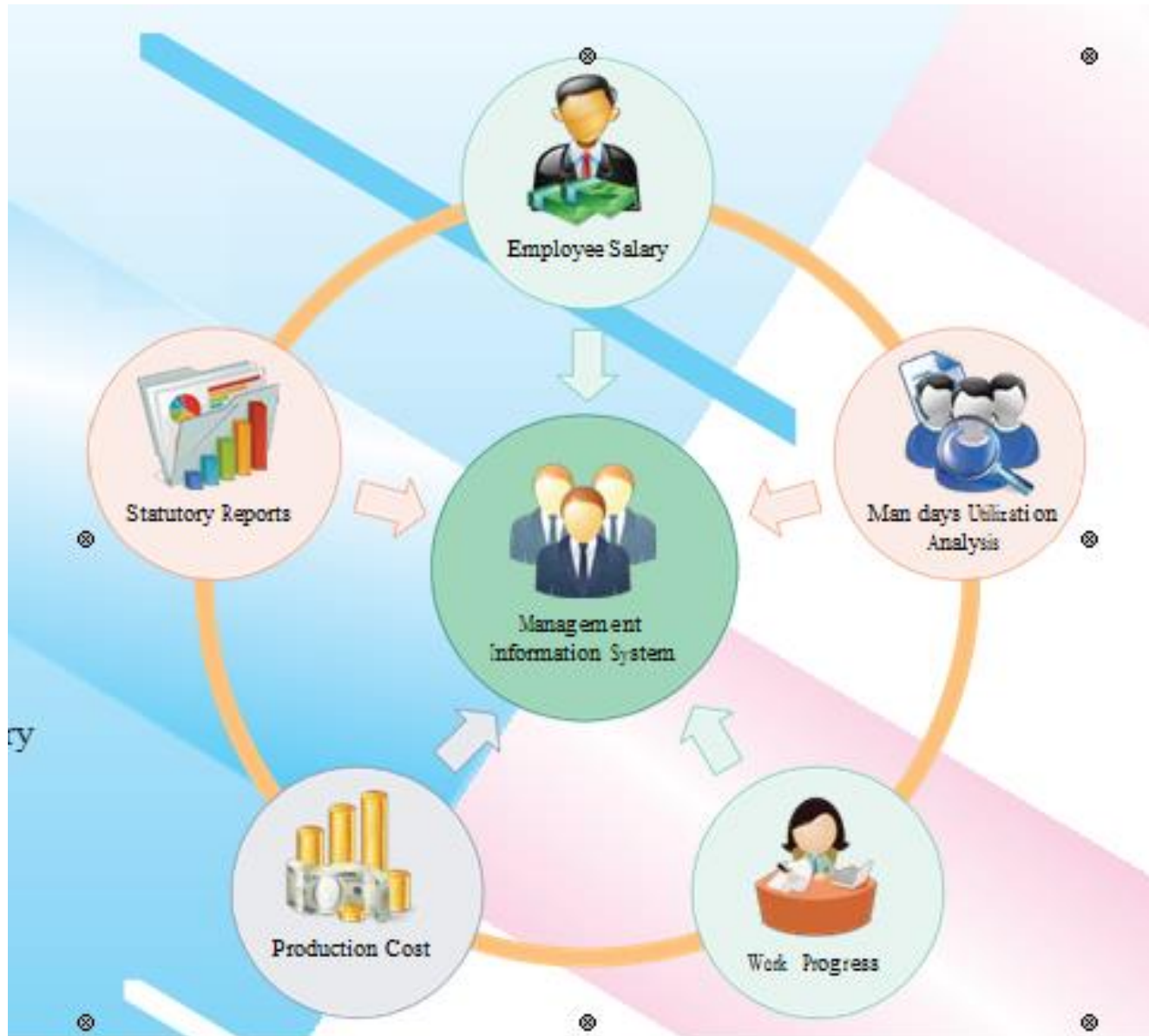
- Earning And Deduction Components According To The Requirement
 - User Defined Expression For Tax Calculation , Deduction And Earnings
 - Family Details for Ration Calculation
 - Ration Eligibility And Calculation
 - Liability Journals For Calculation Spanning Multiple Financial Sub Periods
 - Multi Dimension Analysis Types and Codes Entry During Attendance and Over Time
 - Earning And Deduction Components According To The Requirement
 - Source For All Man day And Expense Linked Reports For MIS
 - Import Feature In Transaction Entry . This Dilutes Data Entry Time
 - Primary Location And Working Location Recording
 - Workflow Based Approvals For Transactions
 - Data Integrity , Validation And Control
 - Third Party Data Integration
 - Job Card Linking With Attendance
 - Leave Configuration And Leave Balance Tracking
 - Benefits And Perks
 - Gratuity Calculation And Settlement
- 

Payroll / Checkroll System

- Employee Transfer , Promotion And Retirement
- Employee History
- Reports with maximum information for statistical, analytical, operational, verification
- Configurable Payslip
- Preprint Reports
- Absenteeism Tracking
- Attendance Summary / Detail Report
- Notification / Alert
- Statutory Reports
- Productivity Profile
- Activity Wise Mandays Statement
- Integration With Other Shared Module



Payroll / Checkroll System



Tea Production

- Numerous Tea Production Types
- Definition Of Various Production Grades
- Maintenance of Trough Master Information
- Definition Of Various Leaf Grades And Quality Parameter
- Definition Of Invoice Category And Rate
- Capable To Record Various Source Of Green Leaf Inputs – Own, Inter Estate , Out Grower
- Configurable Workflow For Production Processes Such as CTC , ORTHODOX
- User Defined Production Lines For Tea Types Such As Own Tea And Bought Tea
- Stock Maintenance At Different Production Stages
- Withering Process
- Rolling Of Batch Wise Green Leaf Arrived
- Recording of Drier Mouth Tea
- Sorting And Grading
- Packing , Invoicing And Dispatch
- Warehouse Arrival And Dispatch
- Provision For Inter Estate Green Leaf Transfer And Made Tea Received
- Calculation Of Out Turn In Respect To Estate, Bought And Factory
- Made Tea Distribution According To The Yield Of The Field



Tea Production

- Packing Type , Packing Materials And Capacity Maintenance
- Provision To Do Local Sale And Issue To Employee
- Grade Conversion
- Roof Collection And Stock Update
- Stock Adjustment And Stock Reconciliation
- Provision To Record Tea Waste
- Configurable Workflow For Production Processes Such as CTC , ORTHODOX
- Bind Card Statement For Various Aspects Such As “Loose / Packed : , “Grade Wise ” ,” DMT ”
- Green Leaf Arrival Register With Various Parameters
- Sorting And Grading Statement
- Rolling Of Batch Wise Green Leaf Arrived
- Out Turn Register
- Green Leaf Weighment
- Crop And Tea Register
- Own , Inter Estate And Out Grower Register
- Grade Wise Statement
- Rolling Register For CTC and ORTHODOX
- Leaf Count Register



Tea Production

The screenshot displays the HARVEST SMART software interface. The top navigation bar includes the HARVEST logo, a user profile 'Lorraine in ...', and the SMART logo. Below the navigation bar, there are tabs for ADMINISTRATION, FINANCIAL, INTERNALS MANAGEMENT, PRODUCTION & MAINTENANCE, and IN-USE. The main content area is titled 'ITEM' and shows a table of inventory items. The table has three columns: 'Active', 'Description', and 'Unit/Name'. The items listed are:

Active	Description	Unit/Name
True	SouthAuric	NUMBER
True	ACER	Kilogram
True	Bus	NUMBER
True	EXTRACT ITEM 2	NUMBER
True	BOTTLE	Piece
True	Arbuz Cement	Kilogram
True	Doris	Kilogram
True	Caron	Piece
False	Medical Item 1	Kilogram
True	PRINTER: EPSON 1100	NUMBER

The interface also features a left sidebar with navigation options like 'The Application', 'Reports', 'Prints', 'Leaf Cakes', 'Leaf Cakes', 'Packing Size', 'Process Input', 'Process Output', 'Leaf Cakes Size', 'New', 'Attachments', and 'Tools'. At the bottom, there is a search bar with 'General Bus' entered, and status indicators for 'Journal Voucher' and 'No new messages'.

Tea Nursery

- Maintenance Of Detail Nursery Project
- Provision To Define Various Types of Nursery
- Categorization Of Nursery In Respect To Own, Third Party.
- User Defined Nursery Batches
- Maintenance Of Seeds, Seedlings, Plant etc.
- Arrival Of Seeds, Seedlings, Cutting from Various Sources Such As – Own , Third Party Purchase And Inter Estate
- Sowing And Planting
- Growth Stage Transfer According To The Age
- Transfer From One Nursery To Another Nursery
- Transfer Of Plants From One Bed To Another Bed based On The Need
- Recording Casualties And Damage Details
- Issue Requisition And Approval
- Nursery Issue Of Plant
- Sale Of Plant To Third Party Or any Other Entity
- Nursery Stock Maintenance And Tracking In Respect To Bed , Batch , Growth Stage And Nursery Project
- Nursery Costing To Derive Cost Per Seedling And Plant
- Integration With Other Shared Modules
- Nursery Stock Register And Nursery Cost Statement



Tea Sales And Export Sales

- Provides Holistic Coverage For Auction Sale , Private Sale , Consignment Sale And Export Sale
- Define Various Auction Centres And Sale Dates
- Maintenance Of Warehouse / Godown
- Definition Of Bay And Assignment
- Taste Definition And Quality Parameters
- Complete Blending Functionality
- TDS Linking With Brokerage
- Auction Rate And Sales Period Closing
- Comprehensive Sampling Process
- Withering Process
- Arrival Of Tea Process
- Bidding Of Tea
- Complete Coverage For Auction Sale Business Functions
- Direct Sale And Consignment Sale
- Insurance Claim and Reimbursement
- Recording Transfer / Road Challan
- Stock Adjustment And Stock Reconciliation



Tea Sales And Export Sales

- Transport Bill Entry Against The Invoices
- Vessels Master Information
- Benefit Definition And Rates
- Define Line By Line And Forward Contract
- PCFC And FB
- Comprehensive Details Of Container
- Complete Workflow For Shipping Program And Instruction And Allocation
- Implementation Export Delivery Order Process
- Recording Of Export Benefits Workflow
- Numerous Checklist Reports
- Catalogue And Uncatalogued Stock
- Tea Balance Stock Register With Various Options
- Transport Bill Register
- Warehouse Tea Transfer Details
- Age Tea Stock
- Blend Sheet With Cost
- Complete Invoice Tracking Report
- Invoice Warehouse Tracking Report



Tea Sales And Export Sales

- Damage Statement
- Weekly Auction Sale And Other Sale Register
- Pricing Position
- Define Line By Line And Forward Contract
- PCFC And FB
- Analysis Of Performance Of Transporters
- Batting Order Report
- Purchase Tea Register
- Warehouse Dispatch Register
- Bay Wise Invoice Stock
- Sold Unsold Invoice
- Contract Register
- Export Statement
- Forward Booking Daily And Status Report
- Adjustment Report
- Arrival Tracking And Summary Report
- Sample Test Report
- Insurance Claim Register
- Consolidated Sale Statement



Administration Modules

- Detailed user account data collection.
- System admin can define each User roles, user mapping, role right, user right
- Short cut key for easy access to User interface. Favourite listing can be done for easy accessing of menus
- Easily accessible and User friendly dash board. Functional Admin system helps to define the general structure of organization, activities, product and material details and all Functional Master data.
- Detailed Plantation specific Enterprise structure definition that includes corporate office and Defines crop, clone and harvesting modes.
- Country wise details of currency, general settings and tax settings
- Pre-defining the Agricultural activates to be performed
- Detailed Expense Analysis through Cost Centre, Profit Centre and Analysis codes Basic Unit of Measurement and intelligent Unit Conversions
- Detailed definition of vendor or customers for all business and legal transactions
- Highly efficient Item Master for maximum Material Management functions Finished Product definitions with Product Type, Quality Grade, Selling Mark etc.
- External Business attributes definable such as bank, branch, exchange rate, taxes etc

Administration Modules

The screenshot displays the HARVEST software interface. At the top, the HARVEST logo is on the left, and the SMART logo is on the right. The user is logged in as 'Aly'. The main navigation bar includes 'ADMINISTRATION', 'FINANCIAL', 'INTERNAL MANAGEMENT', 'PROCUREMENT & SUPPLY CHAIN', and 'HR'. The current view is 'ROLE RIGHTS' with a sub-tab 'CREATE/EDITING'. A left sidebar contains navigation options like 'Administrative Console', 'User Management', 'User Account', 'Role', 'New User Mapping', 'Role Rights', 'User Rights', and 'Functional Area'. The main content area shows a table for 'Role Rights' for the 'Accountant' role. The table has columns for 'Role Rights', 'Add', 'Edit', 'Delete', 'View', 'Print', and 'Export'. The rows list various financial transactions and reports, each with a set of icons for these actions.

Role Rights	Add	Edit	Delete	View	Print	Export
Invoice						
Account Group						
Account						
Document						
Face Forward						
Check						
Journal Batch						
Standard Narrative						
Financial Reports						
Journal Voucher						
Invoice Date						
Crk Voucher						
Inter Location Accounting						
Account Opening Balance						
Bank Voucher						
Crnk Voucher						
General Ledger						
Tax Returns						

At the bottom of the interface, there is a search bar with 'Company B' entered, a 'Journal Voucher' button, a 'workflow' button, and a 'No new messages' notification.

Material Management

Materials management is to provide an unbroken chain of components for production to manufacture goods on time for the requirement base

- Stock & Non Stock item
- Multi stores management Purchase Office
- Stock control
- Item cost and price
- Inventory transaction
- Rack and Item Storage Tolerance
- Locking
- Substitute Items
- Unit of measurement Conversion
- Purchase Limit
- General Ledger Update Simulation (GL)
- General Ledger Update and Stock Accounting (GL)
- Inventory Stock Valuation
- Physical Stock Taking and Reconciliation
- Profit Center and Cost Center



Material Management

- Sequence Number
- Batch and Expiry Date
- Stock in Transit
- Multi Currency
- Lot Number Quality Inspection
- Notification / Trigger
- Tax
- Preferred and Alternate Vendor
- Major Integration



Material Management

HARVEST Logged in as [User] [Logout] [Refresh] [Home] [Help] **SMART**

ADMINISTRATION | FINANCIAL | MATERIALS MANAGEMENT | PROCESSING & MAINTENANCE | SALES

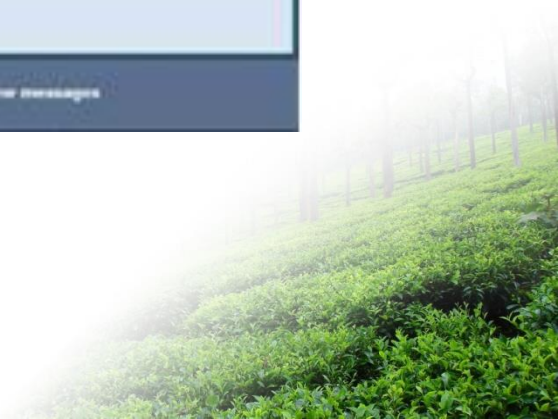
PURCHASE ORDER TYPE

Material Master

Name	Short Name	Active	Purchase Category	Purchase Price Base
#*	WT	True	Letter of Intent	Direct Entry
PO TYPE SUB	POSUB	True	Purchase Order	Quantity
LOI-GRIP_Test	LOIS	True	Letter of Intent	Direct Entry
Manual PO PO TYPE	MEPO	True	Direct Purchase Order	Direct Entry
LOI Direct Entry	LOIS	True	Letter of Intent	Direct Entry
LOI Direct Entry_Test	LOIS	True	Letter of Intent	Direct Entry
LOI Direct Entry_Test	LOIS	True	Letter of Intent	Direct Entry
PO Quotation_Test	POQT	True	Purchase Order	Quantity
SO Direct Entry_Test	SODET	True	Service Order	Direct Entry
SO Quotation_Test	SOQT	True	Service Order	Quantity
LOI-GRIP_Test	LOIS	True	Letter of Intent	Quantity
Direct PO - Repeat Order_Test	DPORO	True	Direct Purchase Order	Repeat Order
Direct PO - Direct Entry_Test	DPODE	True	Direct Purchase Order	Direct Entry
Direct PO - Variable Buy Price - Test	DPONVAR	True	Direct Purchase Order	Vendor Maximum Routine Price
Direct PO - Max Buy Price - Test	DPO_Max	True	Direct Purchase Order	Company Maximum Routine Price

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Continued On... New & Edit | No Inner Messages



Moving To New Verticals

- Food Processing System**
- FMCG**
- Seafood**
- Legal Management System**

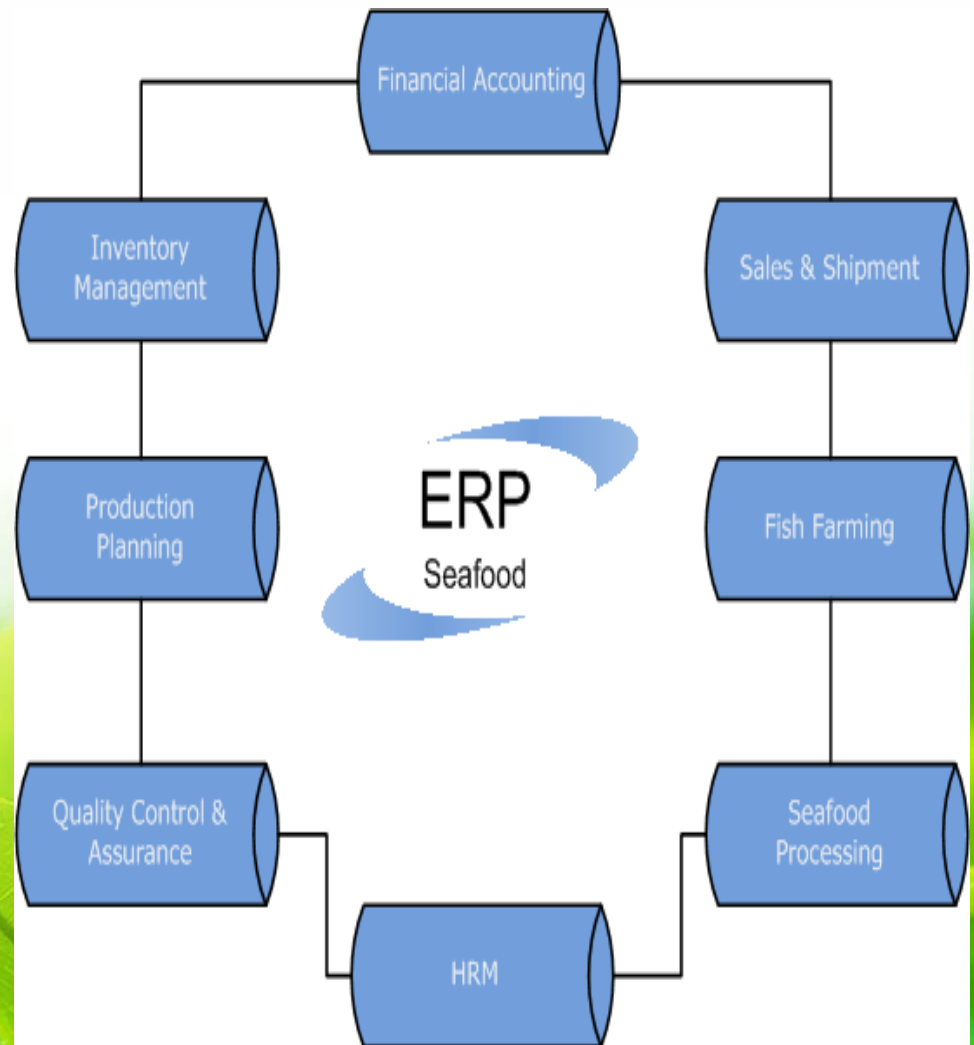


Seafood System

The Seafood ERP System manages all the operational activities right from fish farming, Quality Inspection, Seafood processors and traders to track lifespan of their product from any stage ensuring that it reaches the consumer's plate safely every time with complete certainty

It provides accurate catch weight feature to the catcher so that the catcher can calculate their catch weight with accurately with correct precision

Fish farming allows farmers to manage their operations efficiently and enhance production.

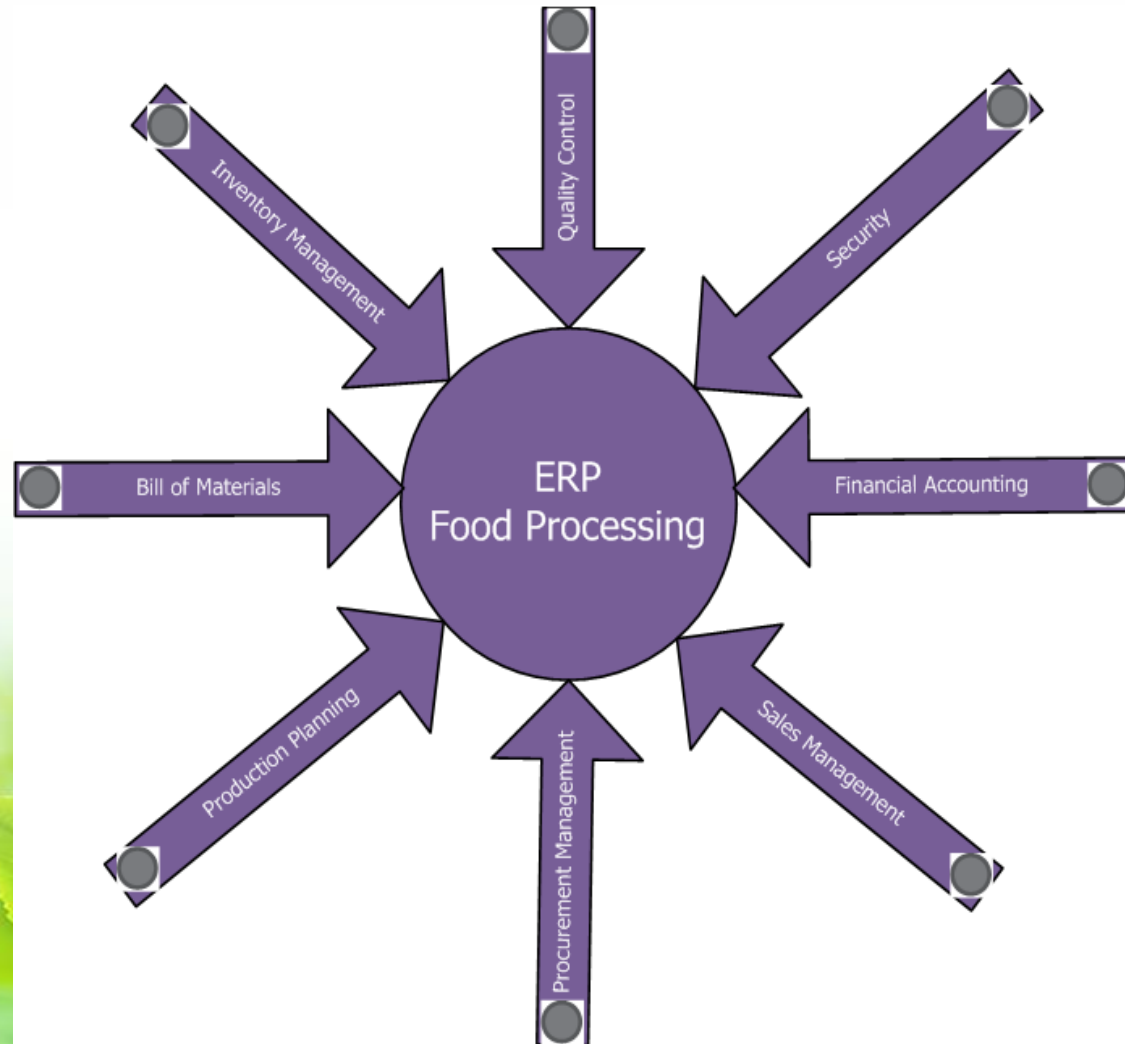


Food Processing System

The Food Processing ERP System manages all critical business requirements in all mid as well as large scale food industries. of ERP for food processing industry is a compressive set up financial management through the enterprise

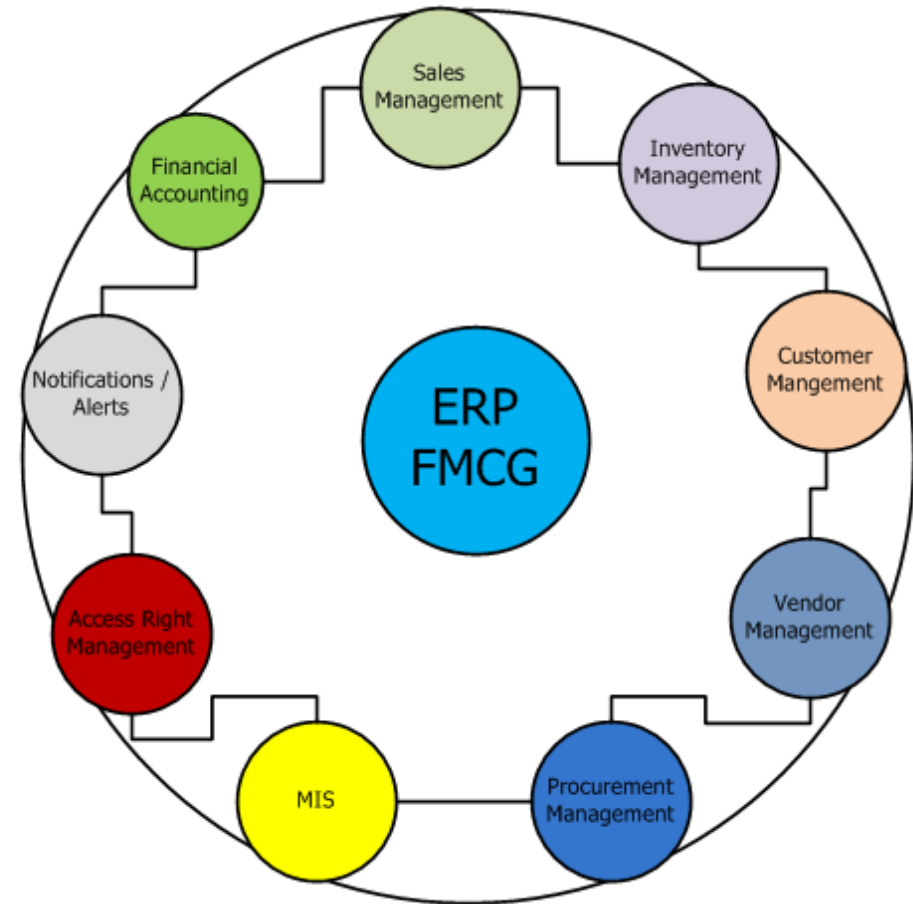
The system is very useful to manage the Inventory Recipes ,Sales, Procurement, BOM, Production Planning ,Quality Control/Inspection and control production

It can increase production efficiency and decrease cost and risks



FMCG System

The FMCG ERP System covers standard requirements of FMCG sector. It provides complete integration with Accounts , Sales , Procurement Management , Human Resource Management and MIS. System also helps in inventory management by keeping a track of stock by lot/serial numbers. It supports Procurement Planning and Ageing Analysis of Stock. It also helps to manage multiple order types and Bulk dispatch of products. Accounts Receivable and Accounts Payable can be managed properly.



Thank You

