iDempiere ERP
Modern, Scalable, Adaptable & Affordable Open Source ERP Solution for Enterprise

By Deptha Bagus Oc
Quick Intro

About Me

2001 – Registered as SI ITS student

2003 – Started as Road Warrior Programmer

2005 – Graduated from SI ITS

2006 – Join ABAP developer for Wings Group

2007 – Entitle for SAP Project Manager

2008 – Functional SAP Consultant MM, PP, WM

2008 – Oracle OCP training & certification

2009 – Founded Avolut Global

2009 – Infor SyteLine Consultant with Sorini

2008 – Join Andromedia

2008 – Started ADempiere Team for SME project

2009 – Functional SAP Consultant MM, PP, WM

2010 – Entitle for EC Council Project Manager

2010 – IT Manager for Sorini Agro Group

2011 – Founded Avolut Global Indonesia

2011 – Attend BPM, ITSM, TGRC & PPM Course

2011 – Design SAP for Cargill Worldwide Instance

2011 – Deploy SAP over 10 company and 245 location in Asia Pacific region

2011 – Implement iDempiere over 20 company with various business model in Indonesia

2016 – Current – Managing Director - Andromedia

2016 – SAP Deployment Lead – Cargill APAC

2015 – CEO – Avolut Global Indonesia

2005 – Join ABAP developer for Wings Group

2006 – Oracle OCP training & certification

2009 – Founded Avolut Global

2010 – Entitle for EC Council Project Manager

2010 – IT Manager for Sorini Agro Group

2008 – Lead SAP B1 implementation with Soltius in Nigeria, Philipones & France

2007 – Entitle for SAP Project Manager

2007 – 7 completed project in 2 years

2005 – Graduated from SI ITS

2005 – Join ABAP developer for Wings Group

2001 – Registered as SI ITS student
### Introduction

A Glance on ERP 20 min
Selecting ERP Products 20 min
Open Source ERP 10 min
Q&A 15 min

### iDempiere ERP in a Glance

What is iDempiere ERP 30 min
Functional Introduction 10 min
Configurability & Extendability 15 min
Features & Functional Overview 30 min
Success Story 30 min
Q&A 15 min
A Glance

About ERP and How to Select ERP’s
What Is ERP?

Software solution that addresses all the needs of an enterprise with the process view of an organization to meet the organizational goals and integrate all the functions of the enterprise.

- Facilitates Company-wide integrated Information Systems Covering all functional Areas and processes.
- Performs core Corporate activities and increases customer service augmenting Corporate Image.
- Organizes & Optimizes the data input methodologies systematically.
ERP Evolution

Inventory, MRP, Production, Project, Accounting, CRM, HRM, etc.

ERP

ERP Cloud

BEFORE 1980s 1990s 2000s NOW
Typical ERP Coverage

- Supply Chain & Vendor
- Project and HR Management
- Customer Relationship Management
- Finance and Accounting
- Manufacturing Production & Service Management & Delivery
SINGLE SYSTEM TO STREAMLINE YOUR ENTIRE BUSINESS

Integrate All Critical Business Functions

Manage your entire business end-to-end across sales, project, customers, purchasing, inventory, production, operations, financials and HR functions, all in a single system.

Eliminate Barriers & Redundancies

Information captured is instantly accessible in the entire system, eliminating redundant data entries and errors in different systems.

Proactively Focus on What’s Important

Workflow-based alerts to monitor, notify and trigger auto-responses when important business events occur.
Small, Medium & Large

Costs
- Acquisition
- Implementation
- TCO

Tire 1
- accurate
- odoo

Tire 2
- openbravo
- Dynamics
- infor
- EPICOR

Tire 3
- SAP
- ORACLE ERP

Software & Vendor Capabilities
Accounting Software

• Easy setup
• Point solution
• Document created every department
• Delayed information

ERP

• Harder to setup, **BUT**
  Integrated Solution
• Shared documents
• Always real time information
• Good for Strategic Planning
ERP Software - Sales Cycles

SALES

SALES

STORE / SHIPMENT

FINANCE

ACCOUNTING

SO

Dr Cost Cr Inventory

Dr AR Cr Sale

ERP

STOCK CARD

DO

INVOICE

INTERNAL DO

INVOICE / DO

BILLING

RECEIPT

CUSTOMERS

BILLING

Dr AR Cr Sale

RECEIPT

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excellent partnership commitment
Selecting ERP Products
Why Business need ERP?

They need to

- Reduce Cost
- Manage Grow Expectation
- Eliminate Delay in Decision Making due to lack of timely information
- Improve customer response time
- Be easier to do business with
# Priority, Why We Spend Money

1. Drive Revenue
2. Reduce Operating Expense
3. That’s It

<table>
<thead>
<tr>
<th>Maturity Class</th>
<th>Benefit</th>
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<tbody>
<tr>
<td><strong>Best in Class: Top 20%</strong></td>
<td>• 61% improvement in inventory turns</td>
</tr>
<tr>
<td>of aggregate performance scorers</td>
<td>• 24% reduction operating cost</td>
</tr>
<tr>
<td></td>
<td>• 23% reduction in administrating cost</td>
</tr>
<tr>
<td></td>
<td>• 23% improvement in complete and on-time delivery</td>
</tr>
<tr>
<td></td>
<td>• 18% reduction in inventory</td>
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<tr>
<td><strong>Industry Average: Mid 50%</strong></td>
<td>• 61% improvement in inventory turns</td>
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<td>of aggregate performance scorers</td>
<td>• 16% reduction operating cost</td>
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<td>• 15% reduction in administrating cost</td>
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<td>• 15% improvement in complete and on-time delivery</td>
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<td>• 11% reduction in inventory</td>
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<tr>
<td><strong>Laggard: Bottom 30%</strong></td>
<td>• 16% improvement in inventory turns</td>
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<td>of aggregate performance scorers</td>
<td>• 8% reduction operating cost</td>
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<td>• 10% reduction in administrating cost</td>
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<td></td>
<td>• 9% improvement in complete and on-time delivery</td>
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<tr>
<td></td>
<td>• 9% reduction in inventory</td>
</tr>
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</table>

*Source: Abeerden Group*
Cost of The Software

- Capital Expenditure or Operating Expense?
- On-premise or Hosted?
- Concurrent User, Named Licensing or Free?
- 3rd Party Licensing
- Annual Maintenance & Support
- Modules
ERP Implementation

The Conference Board Survey*

Interviewed executive 117 companies that use ERP

- 34% were very “satisfied”
- 58% were “somewhat satisfied”
- 40% of the ERP project failed!

www.it-crtex.com/Stat_Failure Interviewed executive 117 companies that use ERP
ERP is 80%
Implementation and
20% Software
Selecting ERP

- Drive revenue, reduce operating expense
- The project pays for itself
- “Fit” First, “How Much” second
- “Must Have” functional requirement list
- Evaluation and Selection process task list and timetable
- Don’t “lowball” the implementation
Open Source ERP
An alternative for ERP Solution
• Describe an ERP system
• Discuss benefit of using Open Source ERP versus Commercial ERP
• Knowing iDempiere
Why adopt Open Source ERP?

**Enterprise Resource Planning**

- SAP/Oracle too Expensive
- OpenSource ERP is now Mature
- Freedom you gain from License, Lock-in, Customize, etc.
Full Of Freedom

**OPEN SOURCE**
- Full Total Cost Ownership
- Global Community Support
- Full Freedom
- Full Access until source code level
- Avoid Vendor Lock In

**PROPERTIARY**
- Usually quick to setup as it repeat model
- Product Stability
- Legal vendor register as global support

**OPEN SOURCE**
- Generalized Support
- Business risk if no good resources to support

**PROPERTIARY**
- Lock Down & Tied In
- Limited Flexibility
- Costly in the long run
- Vendor Dependency
# Cost Advantage of Open Source ERP

<table>
<thead>
<tr>
<th>Cost Element</th>
<th>Open Source</th>
<th>Proprietary</th>
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</thead>
<tbody>
<tr>
<td>User License</td>
<td>Free</td>
<td>IDR 20 to 60 mio / user</td>
</tr>
<tr>
<td>OS License</td>
<td>Free</td>
<td>IDR 80 to 150 mio</td>
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<tr>
<td>Database</td>
<td>Free</td>
<td>IDR 400 to 700 mio</td>
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<tr>
<td>Implement Consulting</td>
<td>IDR 300 to 1.000 mio</td>
<td>IDR 700 to 20.000 mio</td>
</tr>
<tr>
<td>Server</td>
<td>IDR 10 to 20 mio</td>
<td>IDR 20 to 100 mio</td>
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<tr>
<td>Renewal User License</td>
<td>Free</td>
<td>IDR 4 – 12 mio / user</td>
</tr>
</tbody>
</table>
iDempiere ERP

Modern, Scalable, Adaptable & Affordable
Open Source ERP Solution for Enterprise
iDempiere is Enterprise Resource Planning or ERP software released under an open source software license. The software is licensed under the GNU General Public License.
What is iDempiere ERP?

- Open source ERP and CRM business solution.
- Ranked #1 on sourceforge.net and won multiple awards
- Deployment
  - Browser / Server
  - Desktop Client / Server
- Model Driven Architecture
- A robust platform
iDempiere Around The World

North America:
33 Company
6 Consulting Partner

Europe
105 Company
25 Consulting Partner

Asia
103 Company
23 Consulting Partner

Africa
23 Company
8 Consulting Partner

Latin America:
100 Company
17 Consulting Partner

Australia & NZ
25 Company
1 Consulting Partner
iDempiere is Full function ERP.
iDempiere is very flexible and scalable. It will fit your needs as your growth without adding extra modules or replacing with other one.

iDempiere designed an internal application dictionary. end User can use it to customize menu, window, and tab. With ad 80% of customization work can be done without coding. Its super flexibility really makes it possible to satisfy any business changes.

No license, no module fee, no use fee. All you need to Invest is consultant fee, including implementation, cotimization and training. No any other cost, which usually cost server thousand dollars per user for commercial license ERP.

Since ADempiere is open source and using the mainstream J2EE technology. You can either change it by yourself or easily find technical guys from market to do it. You have full freedom after implementation iDempiere.
Lower Total Cost Of Ownership

- Oracle EBS, PeopleSoft, JDE E1
- Microsoft Dynamics
- MySAP ERP
- SAP All in One
- SAP by Design
- SAP B1
- Infor
- Laws on
- Epico r
- Microsoft Dynamics
- Sage Grp
- Net Suite
- IDEMPIERE

COST OF SOLUTION

$ HIGH THOUSANDS / USER

$ LOW HUNDRED / USER
Organization Structure
Holding-Business Unit Model

Client Level

Organization Level

Sub-Organization Level

- Multi level Organization
- Consolidate-able
- Standardize-able
- Centrally managed under single server
- 9 element account available for reporting purpose
- Intercompany transaction traceability
Flexibility User Interface

C/S is client and server: has rich UI interface, stable and suitable for working continuously for a long time on it.

B/S is browser and server: you don’t need install any software. All you need is a browser connecting to internet to access.

Flexibility is the key in current age, no big server, expensive corporate WAN or even personal computer to operate.

iDempiere provide rich interface in both client server desktop application and web-interface as well and even mobile interface recently.
Enterprise Grade ERP System
Integration to Jasper Report
100% Open Source Technology Stack
A Robust Platform

- Active Data Dictionary
  - Reduce coding work by 80% in ERP customization.
- Define Data Entity
  - Type, Validation
- Define display
  - Windows, Tabs
  - Field / Report
- Define security and access rules
Open and Extensible Architecture

Mind-Blowing Rapid Development for fast moving Businesses
Problems With Traditional ERP

• Complex
  – Bloated with features you’ll never use
  – Complicated and time consuming to implement

• Inflexible
  – Force you to modify your business to match the software
  – Difficult to change once implemented
  – Many local solutions won’t scale globally

• Expensive
  – Costly licenses, IT infrastructure, maintenance and upgrades

• Proprietary, Locked-in
  – Don’t control your own destiny

Traditional ERP may not be a cost effective
iDempiere’s Fresh Approach

• Adapts to the way YOU do business
  – Setup and re-configure the system without programming
  – Quickly adapt to business change – change anything, anytime

• Available at fraction of the cost of any competing solution
  – Leverage the disruptive economics of open source
  – No up-front software license fees

• Backed by the reliability of a commercial corporation
  – Experienced leadership
  – Consistent processes for product innovation, quality and support
  – Resources for flexible licensing, sponsored development and more
FUNCTIONAL INTRODUCTION
INTEGRATED ERP AND CRM
GLOBAL-READY FEATURES

• Fully internationalized
  – Localizations isolated from code
  – Partners deliver translated and localized iDempiere solutions in over 16 languages e.g. (shown)

• Out-of-the-box, support for multiple:
  – Business units
  – Accounting standards
  – Tax laws
  – Currencies
CONFIGURABILITY & EXTENDABILITY
Technical Architecture

Cloud Server
- Backup Device
- Database Server PostgreSQL with Build Security
- Firewall
- iDempiere Server With Build Security

Firewall
- Router & VPN Server

User in Location A
User in Location B
User in Location C
Configuring & Extending iDempiere

• **Configure Business Rules**
  – Application setups
  – Workflow & security
  – Accounting Dimensions
  – Change setups at any time

• **Configure User Interface**
  – Field, windows, labels
  – Layout, theme, language
  – Search fields

• **Configure Reports**
  – Dynamically create reports
  – Format reports w/ Adempiere or 3rd
  – party report designer

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**Extend Adempiere Applications**

• Add new fields (DB columns)
• Add new entities (DB tables)
• Add data validation & defaults
• Add new workflows
• Change security rules
• Add performance measures
• Link to external systems
• Callout to java processes & integrate results back into UI

… without programming
Customization Without Programming

- Add New Windows
- Change Field Name
- Per User Default Value
- Set Security at row/field level

Easy & manageable customizations through the Applications Dictionary include:
iDempiere as an Application for Framework

“iDempiere is well known for its Powerful Application Dictionary Framework”
Planning & Configuration

80/20 Coding

This is a Big topic that require time to study, yet “Worth It!”
Application Dictionary Framework

**Application Framework Container**

Standard CRUD functions and Top-Bar Tasks

- Secured Login > Menu
- Role Access Preference
- Rich Multi UIs
- Process Selection
- Reference to Tables
- Field Callout
- Dynamic Validation

**APPLICATION DATA MODEL**

- Window
- Tab
- Field
  - Table
  - Column

- World Language Set
- Run-Time Logger
- Workflow
- Doc Manager
- Versioning

- 3rd Party Ports
- Reporting Formats
- Alerts
- Self Service
- Financials

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excellent partnership commitment
Application Dictionary Framework (Cont)

- **Interface Layer**
  Pure Application Dictionary
  Pure Configuration

  *Note: Tab = Table, Field = Column*

- **Process Callout Layer**
  Partly managed by Application Dictionary Configuration + Coding
  Java Code or Light Weight Script

- **Document / Data Model Layer**
  Object Model
  Pure Java Coding
  Base infrastructure of the system
Application Dictionary
Development Scenario

Configure Database Table
- Create & Update Table, Columns
- Syncing changes to underlining DB

Windows, Tab, Fields, Buttons
- Create & Update Windows, Fields, Buttons
- Organize looks and feels

Reference Data Fields
- Reference fields to data source
- Smart Database lookup

Add Rules & Logics to Fields
- Add field logics
- How data and fields will display
- Fields dependencies, etc.

Develop Process & Reports (Coding)
- Additional Callout or Process attached to Fields, Buttons or Actions
- Require Java or Light Weight Scripts

Package as 2Pack (PackOut)
- Package all changes as XML package
- For distribution to target server

Production Deployment (PackIn)
- Deployment Management
Types of Reports

**Standard Window Reports**
- Report
- Archived Reports
- Print Preview
- Print

I.e., Sales Order Form, Shipment Form

**Standalone Reports**
- General Tabular Report
- Accept Parameters
- Based on Views

I.e., Open Items, Invoice List

**Financial Reports**
- Data Cube
- Report Analysis based on Acct Code and Periods

I.e., Balance Sheet, Trial Balance
Output Forms

** Report Name is from field Process in Tab tab of Window, Tab & fields
Standalone Reports
Financial Reports

- Financial Reports are unique
- Sample of Reports are
  - Balance Sheets
  - Profit and Loss Statements
  - Statements of Account
  - Etc.
- ADempiere Tools
  - Report Line Set
  - Report Column Set
  - Reporting Hierarchy
  - Financial Report

“They generally have two dimensional information”

“These dimensions are mapped into columns and lines (or rows)”

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Beginning Balance</td>
<td>Debit Transaction</td>
<td>Credit Transaction</td>
<td>Period Balance</td>
<td>Ending Balance</td>
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<td>2</td>
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<td>10</td>
<td></td>
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<tr>
<td>4</td>
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<td>300</td>
<td>30</td>
<td>15</td>
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<td></td>
<td>30</td>
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</tbody>
</table>
FEATURES & FUNCTIONAL OVERVIEW
# iDempiere Product Coverage

<table>
<thead>
<tr>
<th>Sales &amp; Distribution</th>
<th>Inventory</th>
<th>Manufacturing</th>
<th>Human Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Customer Management</td>
<td>• Product Management</td>
<td>• Bill of Material</td>
<td>• Recruitment</td>
</tr>
<tr>
<td>• Marketing &amp; Campaign</td>
<td>• Multi-Warehouse &amp; Location</td>
<td>• Resource &amp; Rate</td>
<td>• Personal Administration</td>
</tr>
<tr>
<td>• Pricing &amp; Discount</td>
<td>• Batch Management</td>
<td>• Production Routing</td>
<td>• Management Organization</td>
</tr>
<tr>
<td>• Sales Order Management</td>
<td>• Serial Number &amp; Attribute</td>
<td>• Quality Parameters</td>
<td>• Payroll</td>
</tr>
<tr>
<td>• Shipping &amp; Transportation</td>
<td>• Inventory Receipt to Stock</td>
<td>• Forecasting</td>
<td>• Attendance &amp; Leave</td>
</tr>
<tr>
<td>• Commission and Incentive</td>
<td>• Inventory Issue from Stock</td>
<td>• MRP Engine</td>
<td>• Personal Development</td>
</tr>
<tr>
<td>• Return Management</td>
<td>• Inventory Movement</td>
<td>• Production Plan &amp; Order</td>
<td>• Travel Management</td>
</tr>
<tr>
<td></td>
<td>• Distribution Order</td>
<td>• Production Execution</td>
<td>• Employee Self Service</td>
</tr>
<tr>
<td></td>
<td>• Inventory Adjustment</td>
<td>• Quality Inspection</td>
<td>• Training</td>
</tr>
</tbody>
</table>

## Procurement

- Vendor Management
- Auction / RfQ
- Purchase Order Processing
- Receive & Quality Check
- Landed Cost
- Return Management

## Project Management

- Project Type
- Project & Stages
- Project Costing

## Finance & Accounting

- General Ledger
- Account Receivable
- Account Payable
- Receipt & Allocation
- Payment Processing
- Cash/Bank Statement
- Financial Report

## Security & Control

- Multi Client & Organization with consolidation and standardization capability
- Access Role by Form and Organization Data
- Super User privilege

## Application

- iDempiere ERP
- Poza mobile apps
- Order taking
- Stock Count
- Workflow Approval
- Graphical

- Product Costing
- Cost & Profit Center
- Tax Management
- Multi-Currency
- Fixed Asset
- Budget & Period Control
- Sub-Ledger Report
Sales & Distribution

High Level Features
- Customer Management
- Marketing & Campaign
- Pricing & Discount
- Sales Order Management
- Shipping & Transportation
- Commission and Incentive
- Return Management
Procurement

High Level Features
- Vendor Management
- Auction / RfQ
- Purchase Order Processing
- Receive & Quality Check
- Landed Cost
- Return Management
Inventory

High Level Features
- Product Management
- Multi-Warehouse & Location
- Batch Management
- Serial Number & Attribute

- Inventory Receipt to Stock
- Inventory Issue from Stock
- Inventory Movement
- Distribution Order
- Inventory Adjustment
Payment Handling

High Level Features
• Normal or Advance Payment
• Payment Allocation
• Reconciliation
• Currency Gain & Loss and Revaluation
• Integration with Bank System
Planning Management

Planned Purchases
Vendor Deliveries

Current Order Demand
Sales Order Forecast

Current Production Jobs & Capacities

Inventory Types & Statuses

Material Requirements Planning

<table>
<thead>
<tr>
<th>Material</th>
<th>Requirements Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
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<tr>
<td>Attribute</td>
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<td>Planner</td>
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</tr>
<tr>
<td>Warehouse</td>
<td>Store North</td>
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<tr>
<td>Resource</td>
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Manufacturing Execution

Raw Materials -> Order Level 1 -> Order Level 2 -> Order Level 3 -> Order Level 4 -> Finish Goods

Supporting Materials
Quality Check

Batch Job 1
QC Results

Batch Job 2
QC Results

Batch Job n
QC Results

QC

QA

Deviation
"Out of Tolerance"

Stock

Scrap

Rework
Trace Delivery To Shipment

Drill down into:
- Purchase Orders
- Specifications
- Batch Jobs
- QC Tests
- Available & Shipped Inventory
- Sales Orders
- Shipments
Logistic Vs Finance

Logistics contains the sales information

Finance contains the financial facts

- Customer
- Material
- Sales order
  - commitment
- Goods issue
  - ownership
- Billing
  - open item
- Payment
  - bank statement processing

- Goods
  - Cost of goods sold
  - 500
- Accounts receivable
  - Sales revenue
  - 700 f-LC
  - - 700 Amount f-LC
- Bank
  - 700

- 700 f-LC
- 700
Accounting & Costing

High Level Features
- Multidimensional Account
- Multi Product Costing
Success Story
Project Methodology

1. Initial Planning
   - Requirements Analysis
   - Solution Design
   - Solution Build
   - Testing

2. Deployment
   - Potential Shippable Product

3. Daily Scrum
   - 1-4 Week Sprints
     - Requirements
     - Solution Design
     - Solution Build
     - Testing

4. Sprint Review
   - Potential Shippable Product

5. Continuous Change
Not Just A Project, But Deliver Value

Implementation Phase

- Business Process Assessment
- Gap Analysis & Solution Proposal
- Business Process Consulting
- System Design & Implementation
- Training & Documentation

Operational Phase

- Cloud Infrastructure Services
- Day to day operation support
- Bug Fix & Patch Update
- New Features and Version Update
- Small works services
- Consulting & Process Improvement
iDempiere Success Story

Trading

ERP

Manufacture

Services

Plantation

andromedia.co.id
excellent partnership commitment
Success Story

• Company Overview
  – Indonesia Highway Corporation
  – Covering all highway with over than 20 branch and 25 sister company

• Requirements
  – Integrated accounting and service management for all 25 affiliate company
  – Interfaced with SAP as holding ERP System
  – Business-specific reports and dashboards
  – Budget control and multi-level accounting segment

• Benefits
  – Improve from 20 financial closing days into only 4 working days
  – Better control over construction project and budget
  – Consolidate and standardize reporting
  – Streamline & standardize process
Success Story

- **Technology:**
  - ERP Apps: iDempiere ERP
  - Database: PostgreSQL
  - Infrastructure: Cloud SAAS

- **Project Highlight:**
  - Pilot project with 3 sister company
  - Roll out for other 22’s company
  - Preliminary business readiness held
  - Standardized process and data structure
  - Centralize and Holding business model
  - Go live in only 4 months

- **Challenges:**
  - Boards and direction changes during project
  - Many different entities within single project
Success Story

• Company Overview
  – Fast food franchise in Indonesia with various tenant
  – Covering 3 factory food and 10 warehouse in Indonesia

• Requirements
  – Integrated accounting, supply chain and manufacturing system
  – Equipeed with Point of Sales and barcode scanner
  – Business-specific reports and dashboards

• Benefits
  – Speed up production operation and customer shipment process
  – Track and Trace any defect product until the sourcing
  – Better control over financial and budgets
  – Streamline & standardize process
Success Story

- **Technology:**
  - ERP Apps: A Dempiere ERP
  - Database: PostgreSQL
  - Infrastructure: On-Premise

- **Project Highlight:**
  - 2 factory with 6 distribution center
  - Big Bang method
  - Interfaced with POS system & Barcoding
  - Food raw material production processing
  - Go live in 8 months

- **Challenges:**
  - Heavy number of transaction
  - Organization changes dynamically
  - Too many variance over BOM and waste
  - Low computer skill from end users
Success Story

• Company Overview
  – One of largest sister company of Petrokimia Group
  – Manufacture of pesticide and fertilizer trading as well
  – Covering 7 factory and dozens of distributors in Indonesia

• Requirements
  – Integrated accounting, supply chain and manufacturing system
  – Proper MRP planning to minimize inventory and on-time delivery
  – Mobile apps for certain mobile activities and management dashboards
  – Human capital payroll and other activities

• Benefits
  – Minimize inventory, on-time delivery and manufacture “right first time”
  – Track and Trace any defect product until the sourcing
  – Better control over financial and budgets
  – Integration and consolidation over Corporate Group
Petrosida Flow
Q&A
Hands On

Initial Client Setup - Example
Preparation

• General Company Information (Name, address, phone, fax, NPWP, Email, etc)
• Company structure and branch (if any)
• Currency use
• Chart of Account and segment configuration if any
• Bank Account and Petty Cash
• Product Costing calculation method
• Business Partner (Customer, Vendor, Employee)
Example

- Company Name: PT. Maju Sejahtera
- Address: Jl. Sejahtera no 1 Surabaya
- Phone: 031-3334444
- NPWP: 35.1000.99-001.88
- Director / Contact: Pak Sampurno
- Type of Business: Manufacture and Sales Bicycle
- Currency: IDR and USD
- File CoA: AccountingID.csv
- Costing Method: Average PO

Disclaimer:
*Data above is fictional and if any similar company name as above is truly coincident*
Example (Continue)

- Bank Account: BNI 46 Pemuda
- Account No: 878.888.7777
  989.999.8888

Other than bank, PT Maju Sejahtera also use Petty Cash for small payment below 500 k IDR

Disclaimer:
Data above is fictional and if any similar company name as above is truly coincident
Example (Continue)

HQ - Surabaya
Center of Admin & Main Warehouse

Store Surabaya
- Store for Surabaya & nearby Location
- Warehouse Surabaya

Store Gresik
- Store for Gresik & nearby Location
- Warehouse Gresik

Factory Sidoarjo
- Manufacturing & Repair Location
- Warehouse Finish Goods
- Warehouse Raw Mat

Disclaimer:
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THANK YOU
Andromedia

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