

The logo for Compiere, featuring the word "Compiere" in a bold, blue, sans-serif font. A small red square is positioned above the letter 'i'. A registered trademark symbol (®) is located to the upper right of the word. The background of the slide is a light blue gradient with a repeating pattern of small, faint squares and lines.

**Compiere**®

# ***Compiere Technical Architecture***

***Modern, configurable, extendible***

***The Global Leader in Open Source Business Solutions***

# Problems with Traditional ERP

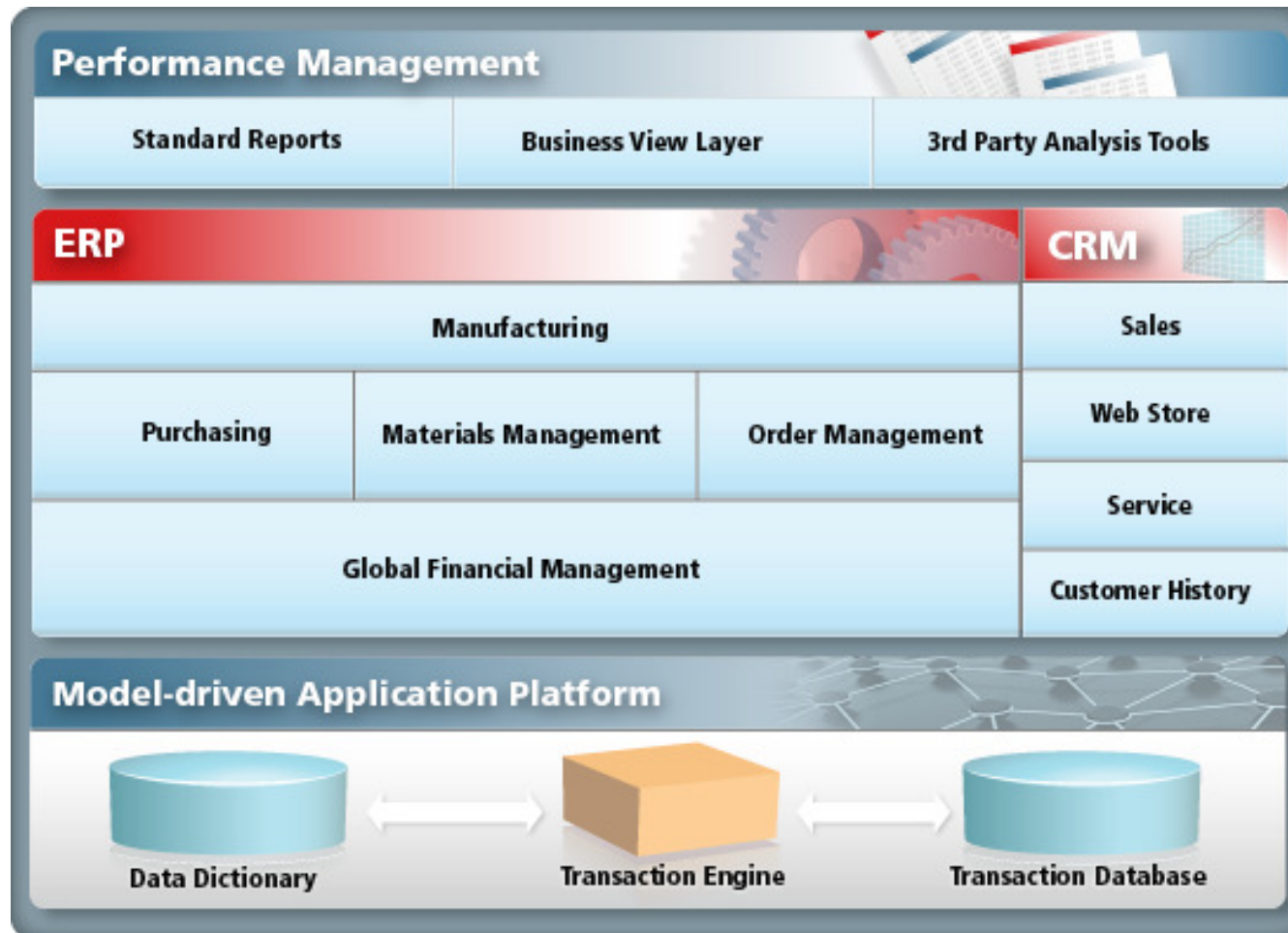
- **Complex**
  - › Bloated with features you'll never use
  - › Complicated and time consuming to implement
- **Inflexible**
  - › Force you to modify your business to match the software
  - › Difficult to change once implemented
  - › Many local solutions won't scale globally
- **Expensive**
  - › Costly licenses, IT infrastructure, maintenance and upgrades
- **Proprietary, Lock-in**
  - › Don't control your own destiny

***Puts the benefits of ERP out of reach of SMBs and emerging markets.***

# Compiere Value Proposition

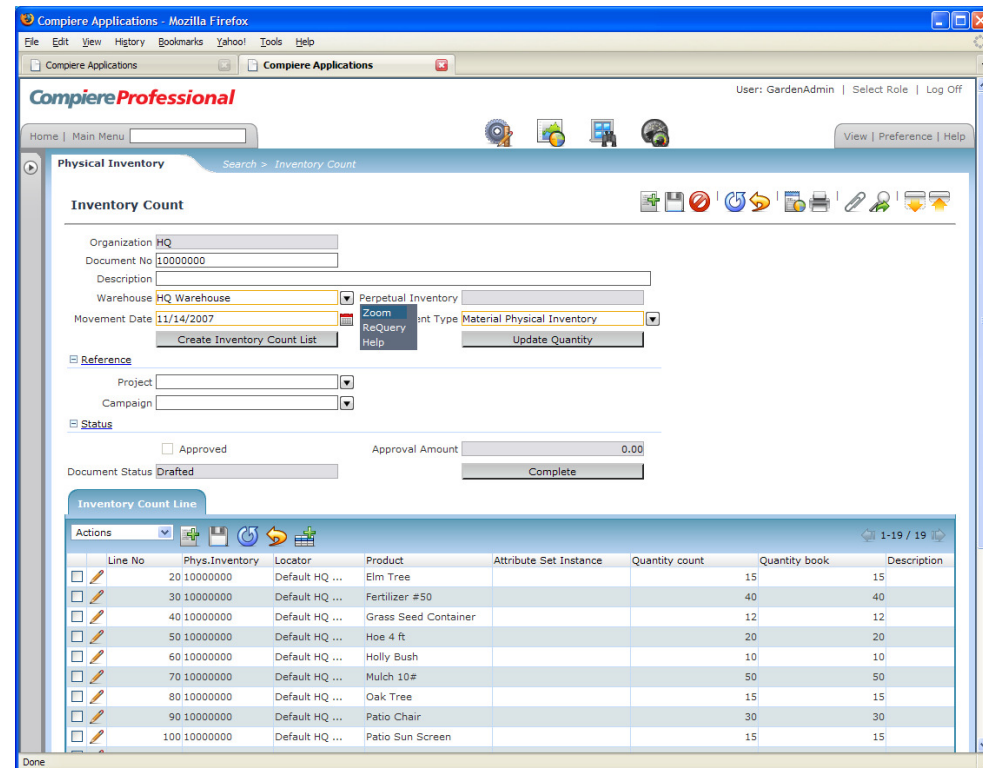
- **Easier path to ERP benefits...**
  - › Easier to evaluate, acquire, implement, extend and maintain
- **Adapts to the way you do business**
  - › Setup and re-configure the system without programming
  - › Quickly adapt to business change – change anything, anytime
- **Available at a fraction of the cost of competing solutions**
  - › Leverage the disruptive economics of open source
  - › No up-front software license fees
- **Backed by the reliability of a commercial corporation**
  - › Consistent product innovation, quality and professional support
  - › Our IP ownership allows choice of open source or commercial licensing

# Product Footprint

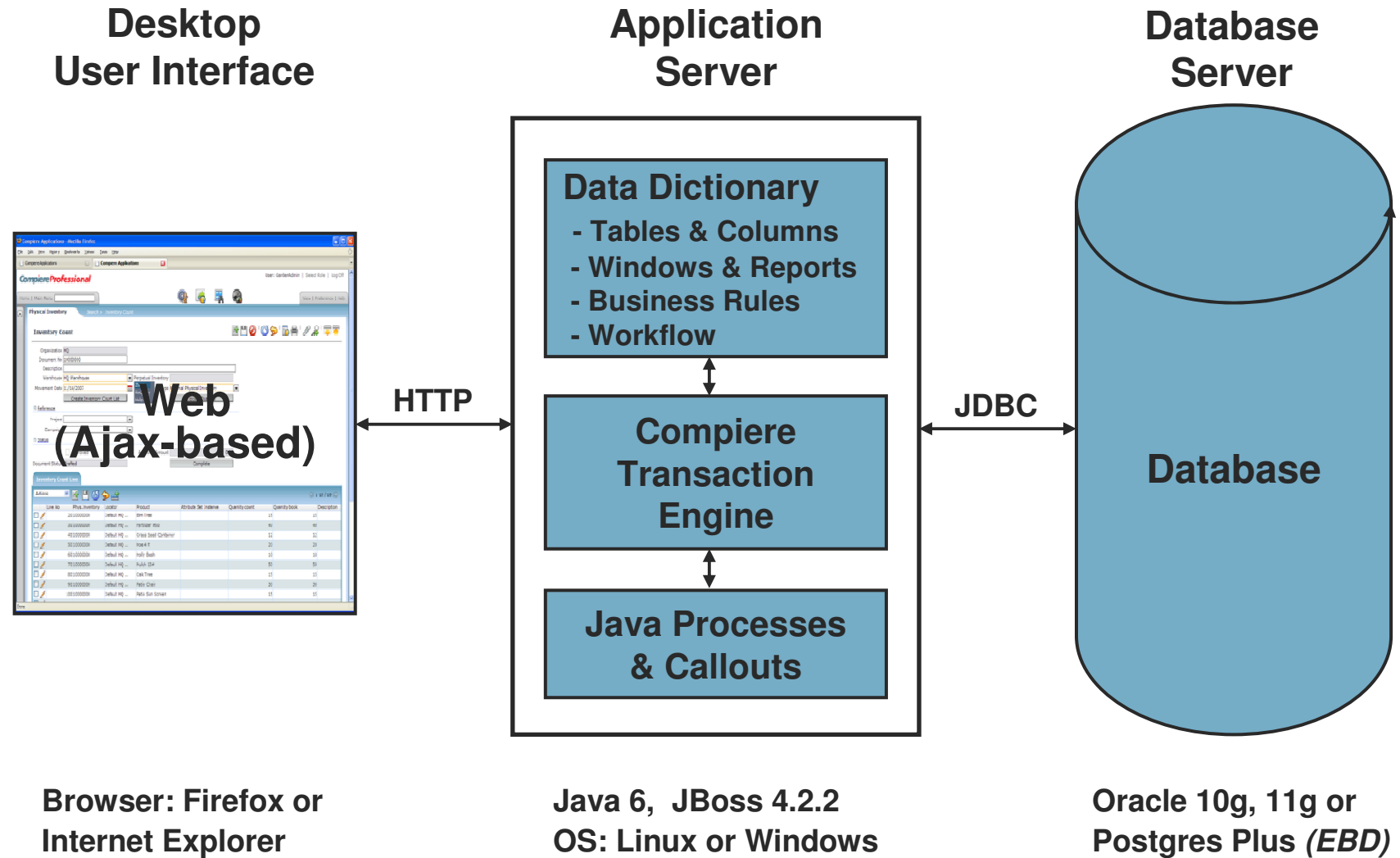


# Modern Web Architecture and UI

- **First mid-market ERP with a modern RIA Web architecture**
- **Great user experience**
  - Rich functionality
  - Personalized user interface
- **Standards-based design**
  - Service Oriented Architecture
  - AJAX features through open source Google Web Toolkit
- **Built for SaaS, On-premise or Appliance deployment**



# Multi-Tier Web Architecture



# Customization without Programming

**Add new windows**

**Change field names**

**Default values by user**

**Set security at the row/field level**

**Add new fields and tables**

**Dynamically hide fields**

**Change window layout**

**Create entirely new Applications**

Line No	Product	Quantity	UOM	Price	Line Amount
10	Planting Service		1 Hour	4.75	4.75
20	Plum Tree		1 Each	47.50	47.50
30	Oak Tree		1 Each	61.75	61.75

- Business logic stored in applications dictionary not hard-coded into programs
- Configure and extend Compiere *without programming*
- Customizations remain in place, even through software upgrades

# Configuring & Extending Compiere

*... without programming*

## 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/ Compiere or 3<sup>rd</sup> party report designer

## Extend Compiere 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 if needed

## Create New Applications

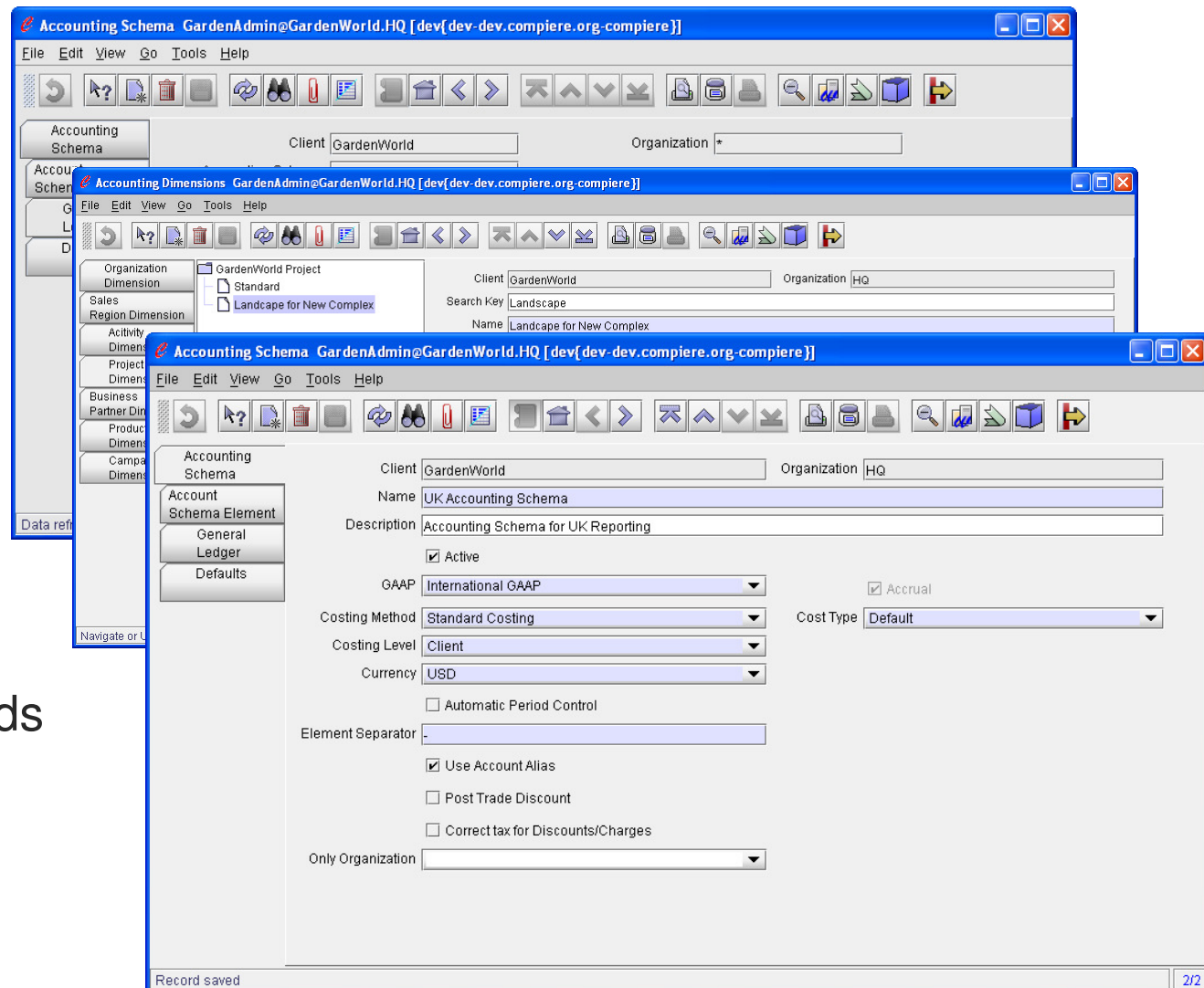
- Design data model & UI
- Design business rules & reports
- Enter into Compiere Data Dictionary

# Adaptable - No Final Decisions

## Change:

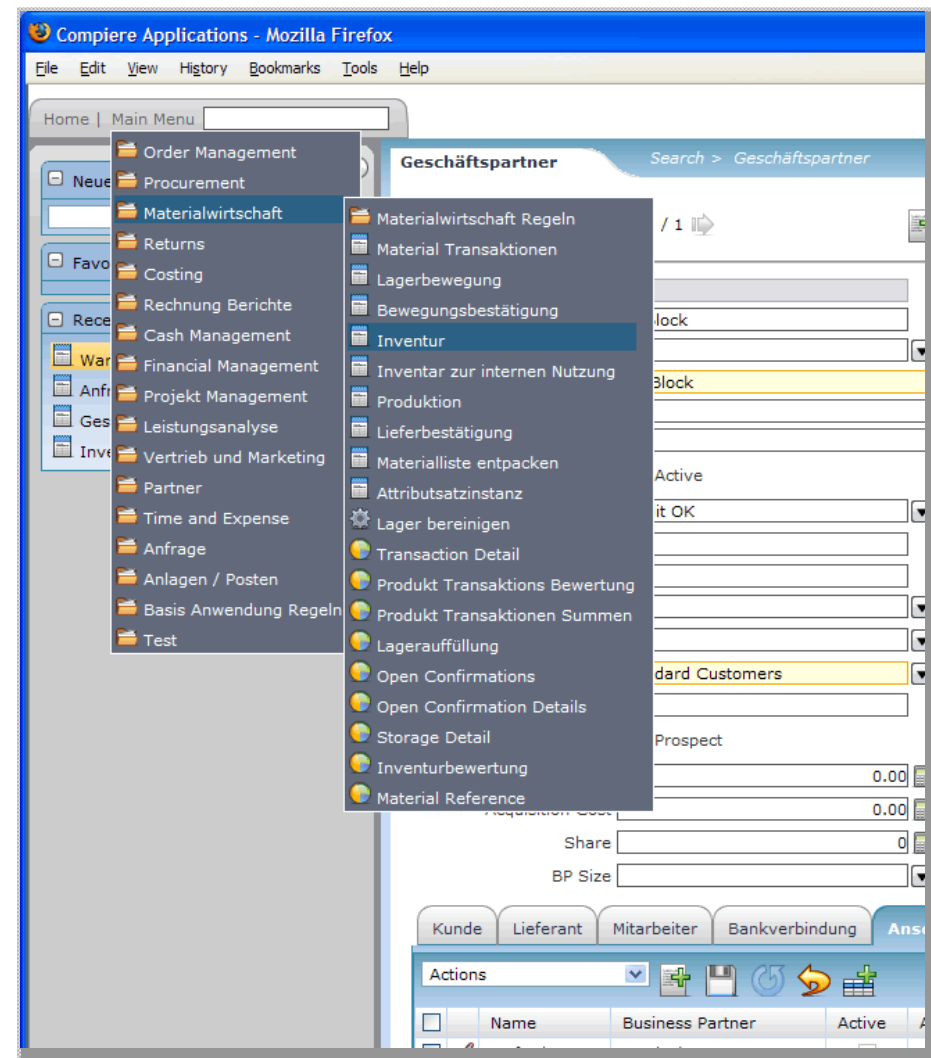
- > Accounting elements
- > Dimensions
- > Hierarchies
- > Costing methods

...at any time

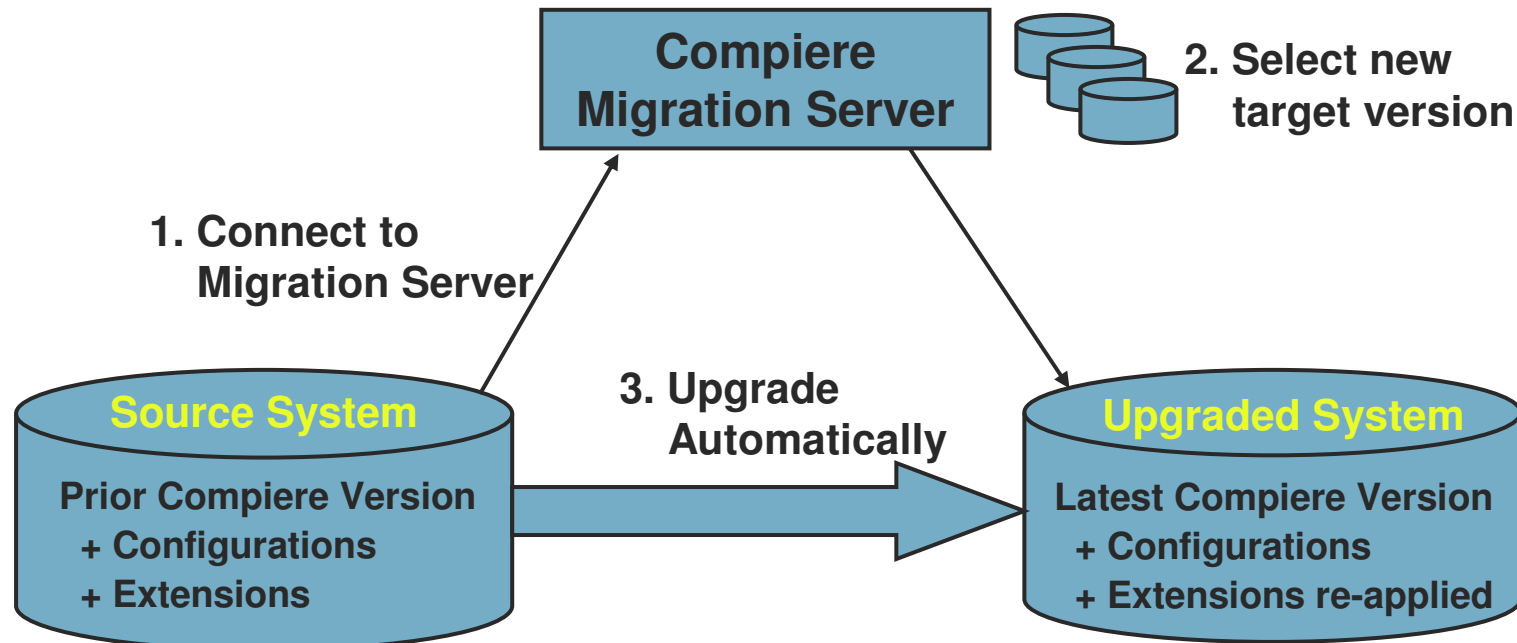


# Global-ready Features

- **Fully internationalized**
  - › Localizations isolated from code
  - › Partners deliver translated and localized Compiere solutions in over 16 languages
- **Out-of-the-box support for multiple:**
  - › Business units
  - › Accounting standards
  - › Tax laws
  - › Currencies



# Automated Upgrades



- Migration Technology upgrades customer to the latest version
- All Dictionary-based configurations & extensions remain in place
- Partner developed applications can be upgraded in the same way

# Modern Technology Stack

- **Java Environment**
  - › Java 6
- **J2EE Middleware**
  - › JBoss 4.2.2
- **Supported Databases**
  - › Oracle 10g or 11g
  - › Postgres Plus 8.3 (EnterpriseDB)
- **Desktop User Interface**
  - › Web/AJAX
    - Firefox 2 or 3
    - Internet Explorer 6 or 7
  - › Java Swing
- **Server platform**
  - › Supported OSES: Windows and Linux
- **Packaging options**
  - › On-premise software
  - › Appliance
  - › Hosting/Software as a Service

# Compiere Platform Advantages

	<u>Traditional Software</u>	<u>Compiere</u>
<b>Adaptable</b>	<ul style="list-style-type: none"> <li>▪ Rigid code base</li> <li>▪ Limited configurability</li> <li>▪ Requires modification of product source code</li> </ul>	<ul style="list-style-type: none"> <li>▪ Flexible ERP Platform</li> <li>▪ Configure and extend via Data Dictionary</li> </ul>
<b>Upgradeable</b>	<ul style="list-style-type: none"> <li>▪ Upgrade tools cannot deal with modifications</li> <li>▪ Manually re-apply all changes</li> </ul>	<ul style="list-style-type: none"> <li>▪ Migration server interprets extensions &amp; automatically applies new version</li> </ul>
<b>Extension reuse</b>	<ul style="list-style-type: none"> <li>▪ No support</li> </ul>	<ul style="list-style-type: none"> <li>▪ Full support for creation, deployment, upgrade of reusable modules</li> </ul>
<b>Impact of technology change</b>	<ul style="list-style-type: none"> <li>▪ Source code dependency on middleware stack</li> </ul>	<ul style="list-style-type: none"> <li>▪ Future-proof: platform shields apps. from tech. stack changes</li> </ul>
<b>TCO</b>	<ul style="list-style-type: none"> <li>▪ High</li> </ul>	<ul style="list-style-type: none"> <li>▪ Low</li> </ul>
<b>Deployment cost</b>	<ul style="list-style-type: none"> <li>▪ High</li> </ul>	<ul style="list-style-type: none"> <li>▪ Low</li> </ul>



**Compiere**<sup>®</sup>

***Thank you!***

***The Global Leader in Open Source Business Solutions***