

ERPNext



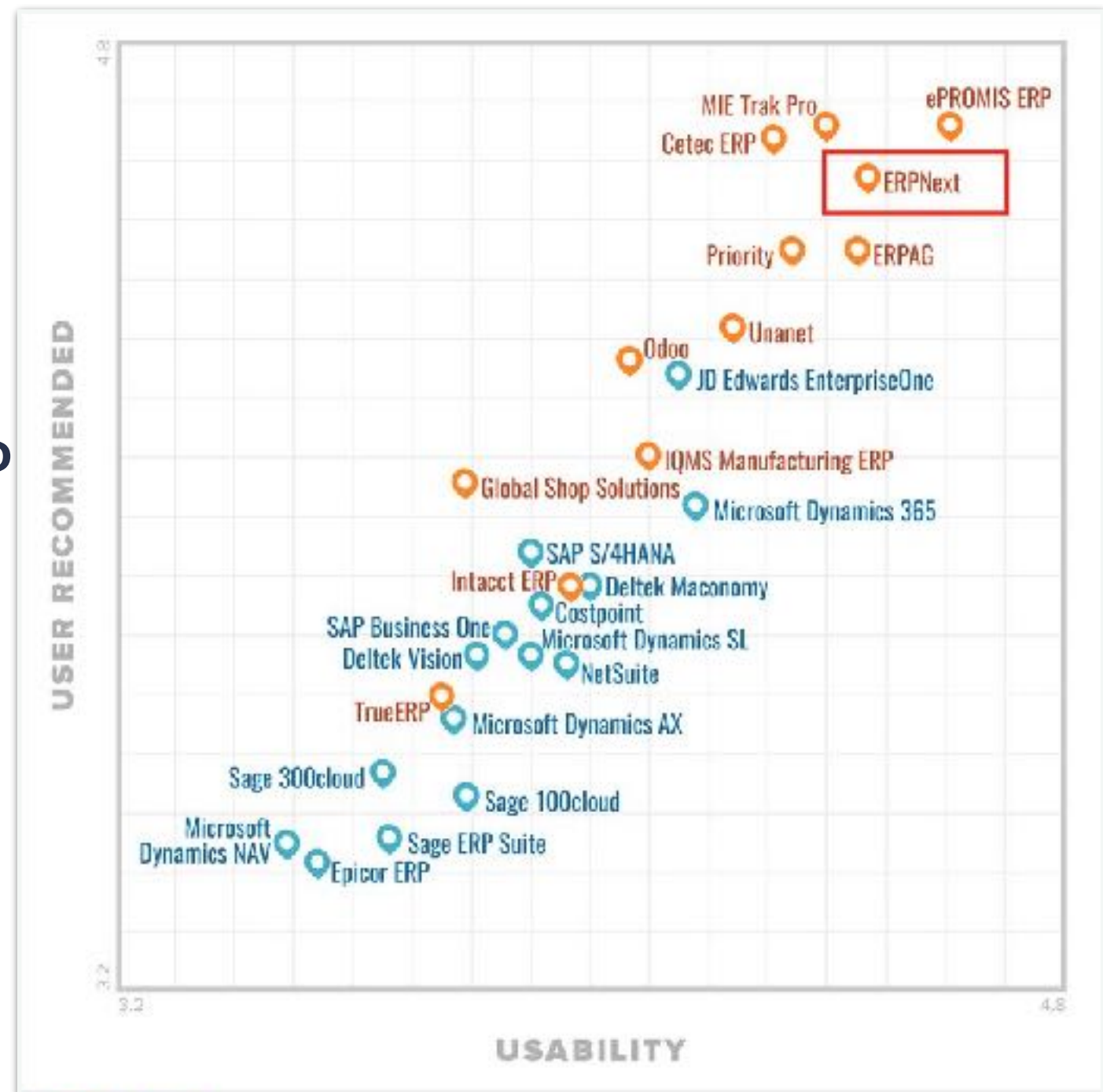
Free & Open Source ERP



Frappe Technologies Pvt. Ltd.

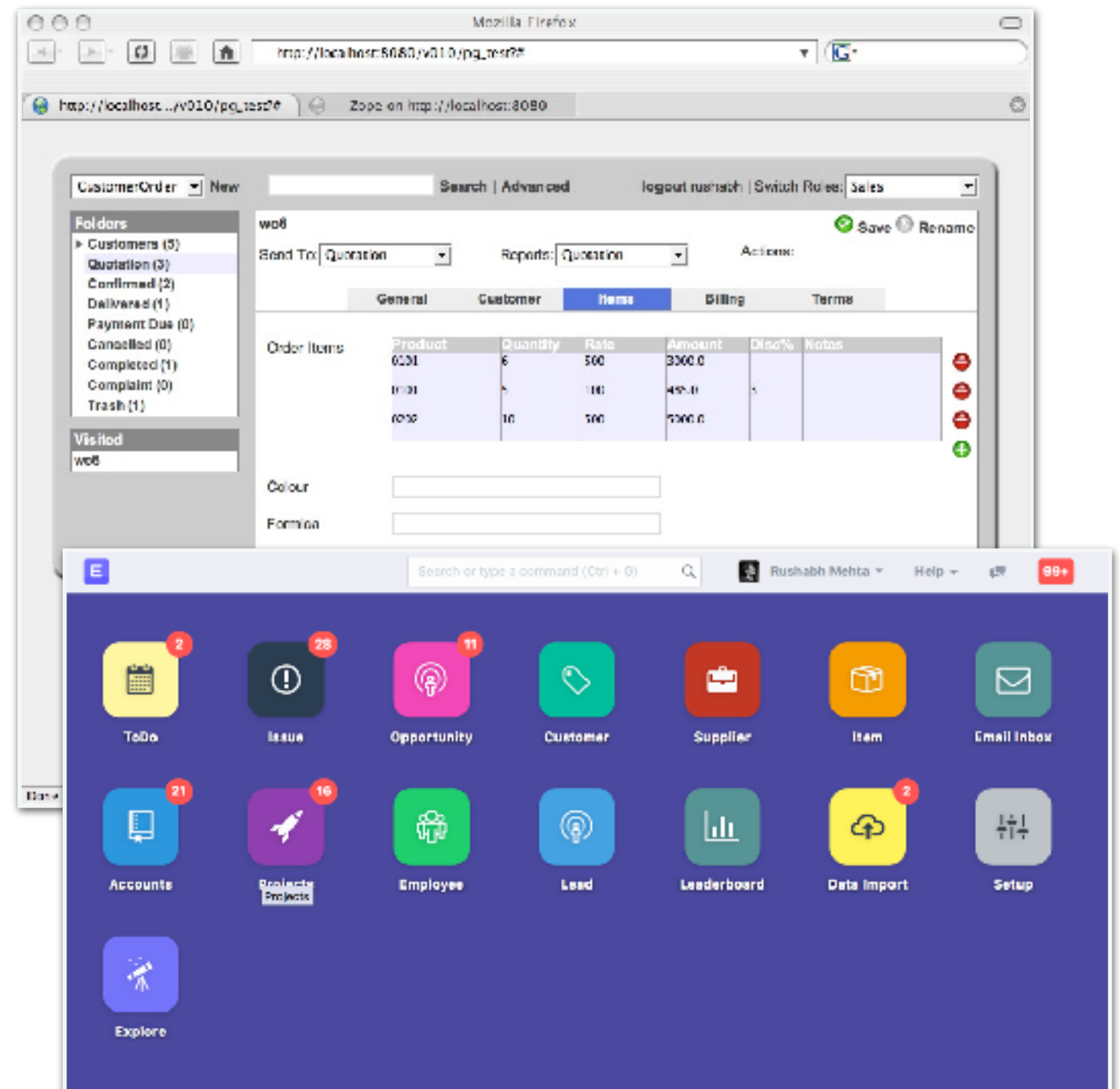
Recognition

- Capterra: Top 8 OSS ERP
- OpenSource.com:
(RedHat) - Top 4 OSS ERP
- Gartner:
ERP Frontrunner
- LinuxLinks: #1 OSS ERP



Timeline

- 2005 Start
- 2008 Frappe Tech
- 2008 Google Code
- 2010 ERPNext (SAAS)
- 2013 GitHub
- 2014 1st User Conference
- 2015 ERPNext Version 5
- 2017 ERPNext Foundation



Community



8000+ members

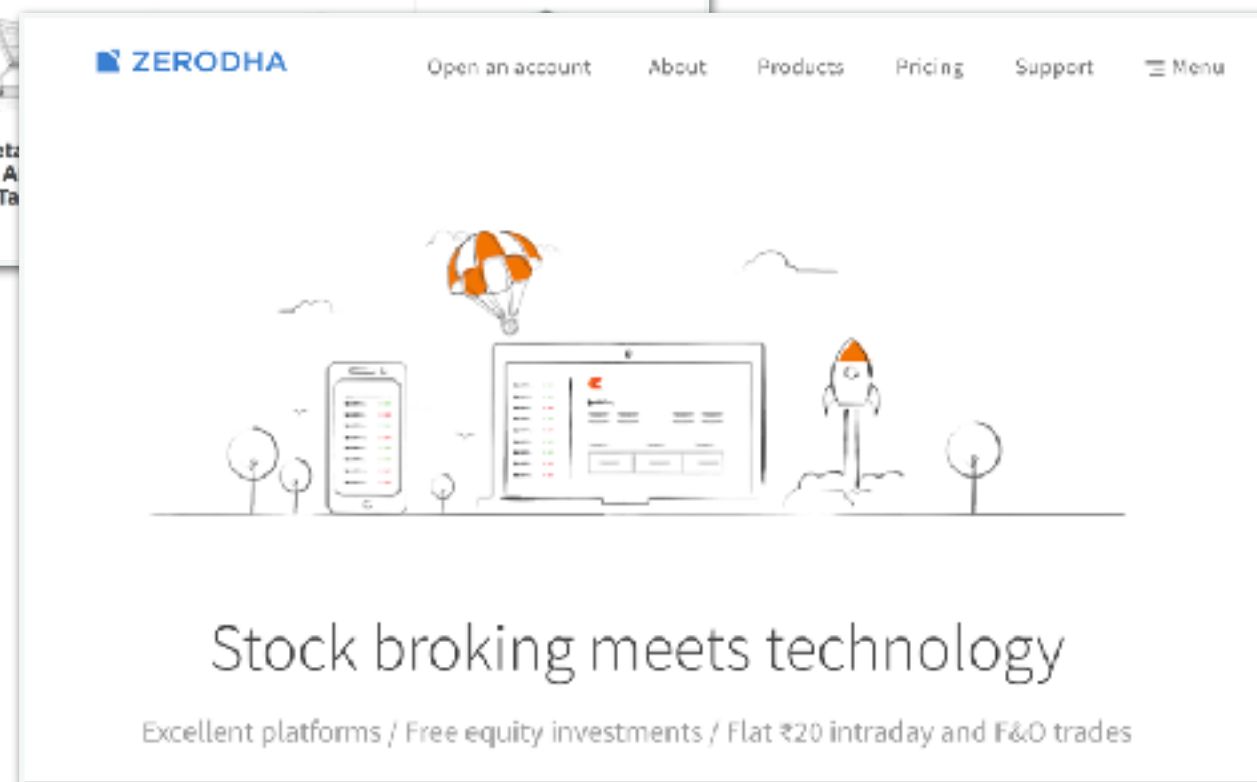
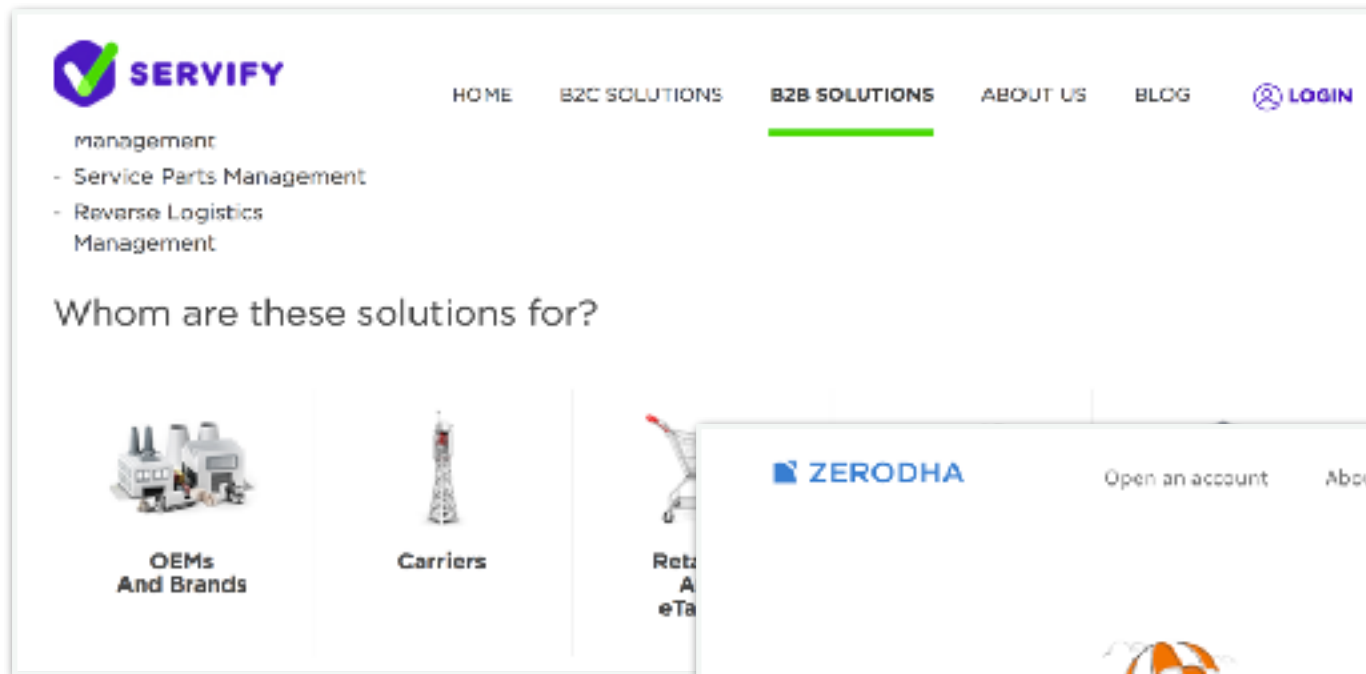
ERPNext

- Core ERP + Domains
- Used by 3000+ companies
- 100+ Countries
- 200+ Contributors
- 500+ Tables

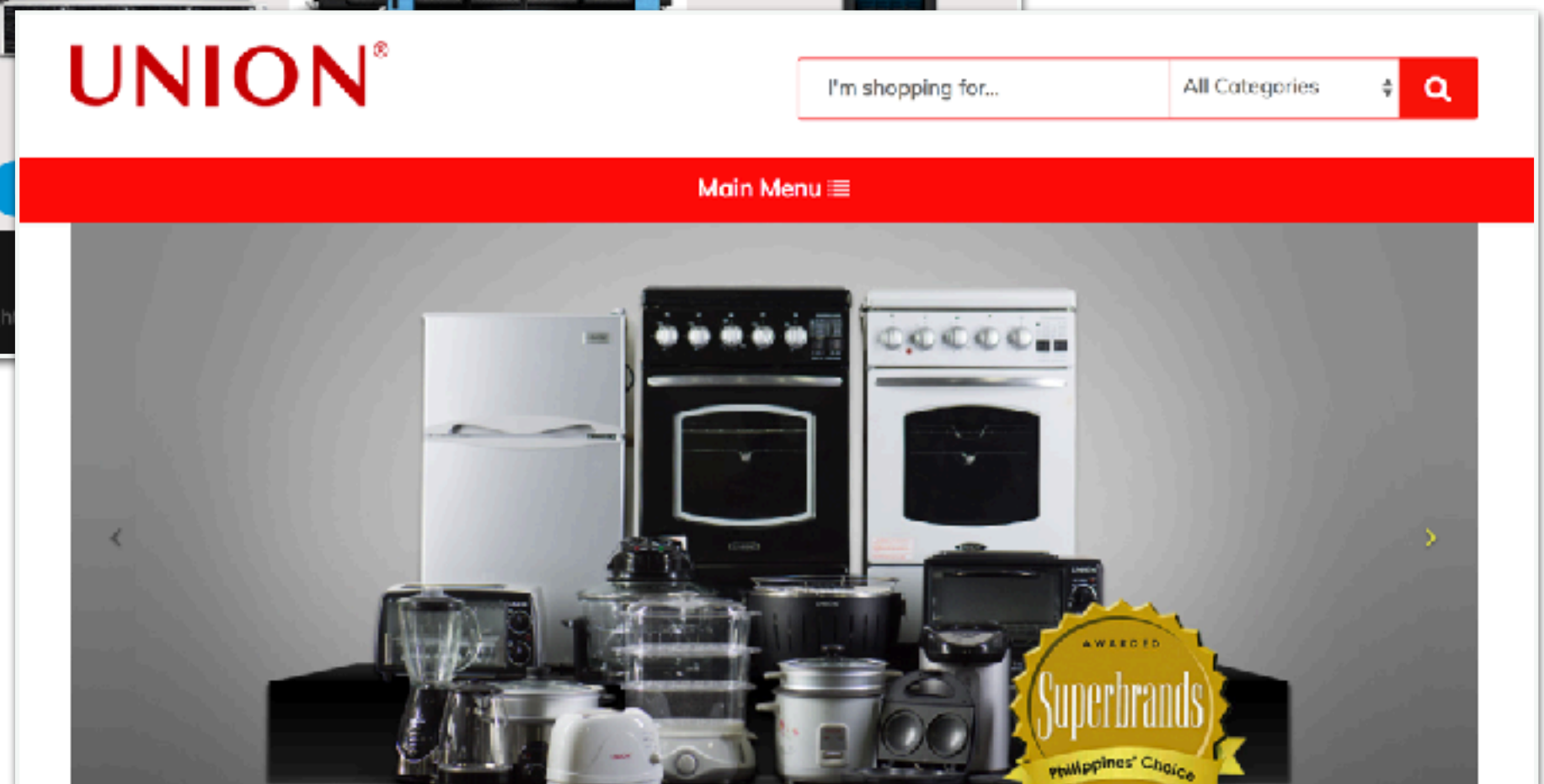
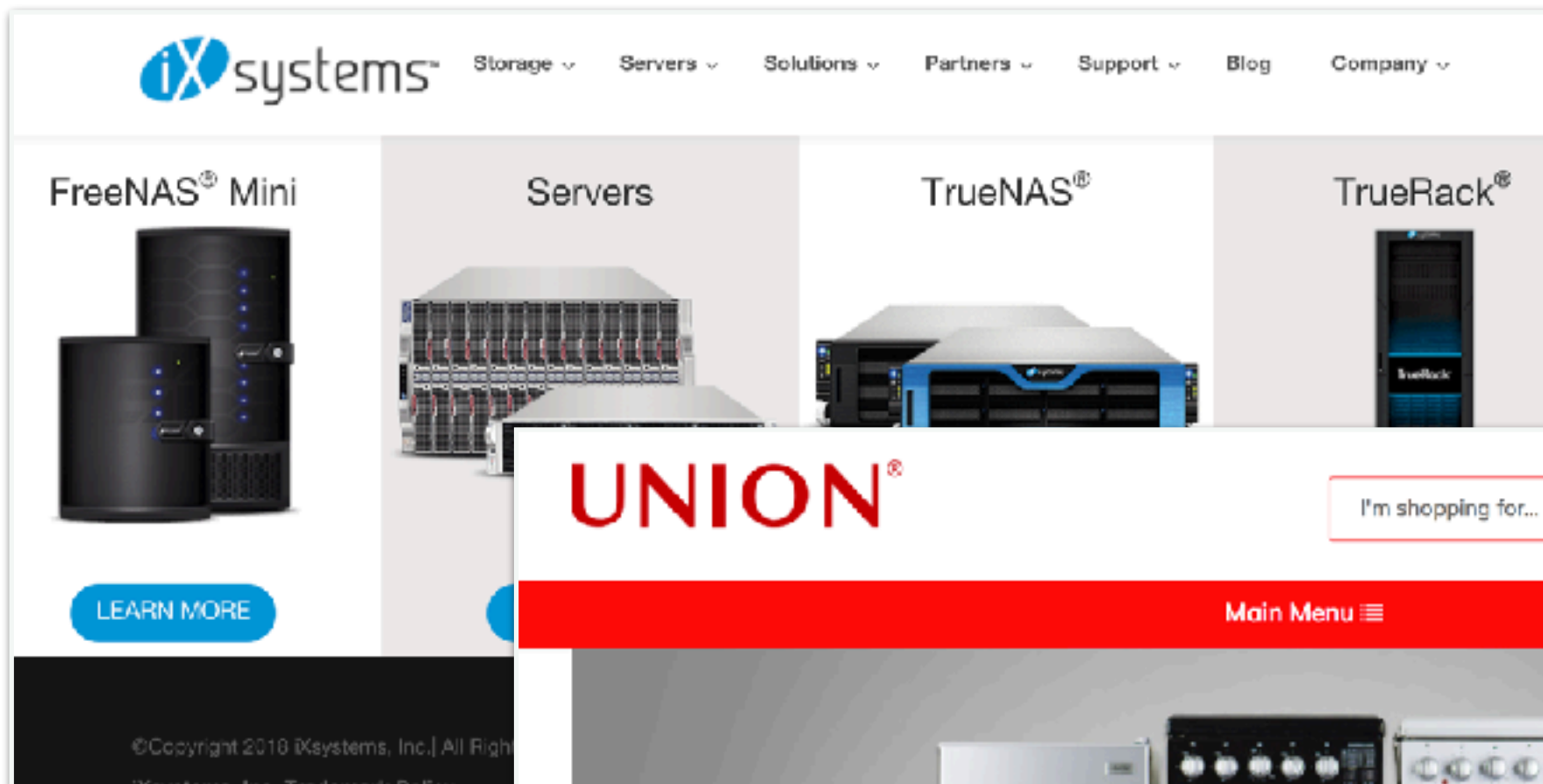
Domains

- Services
- Manufacturing
- Distribution
- Retail
- Education
- Healthcare
- Non-Profit

Key Users



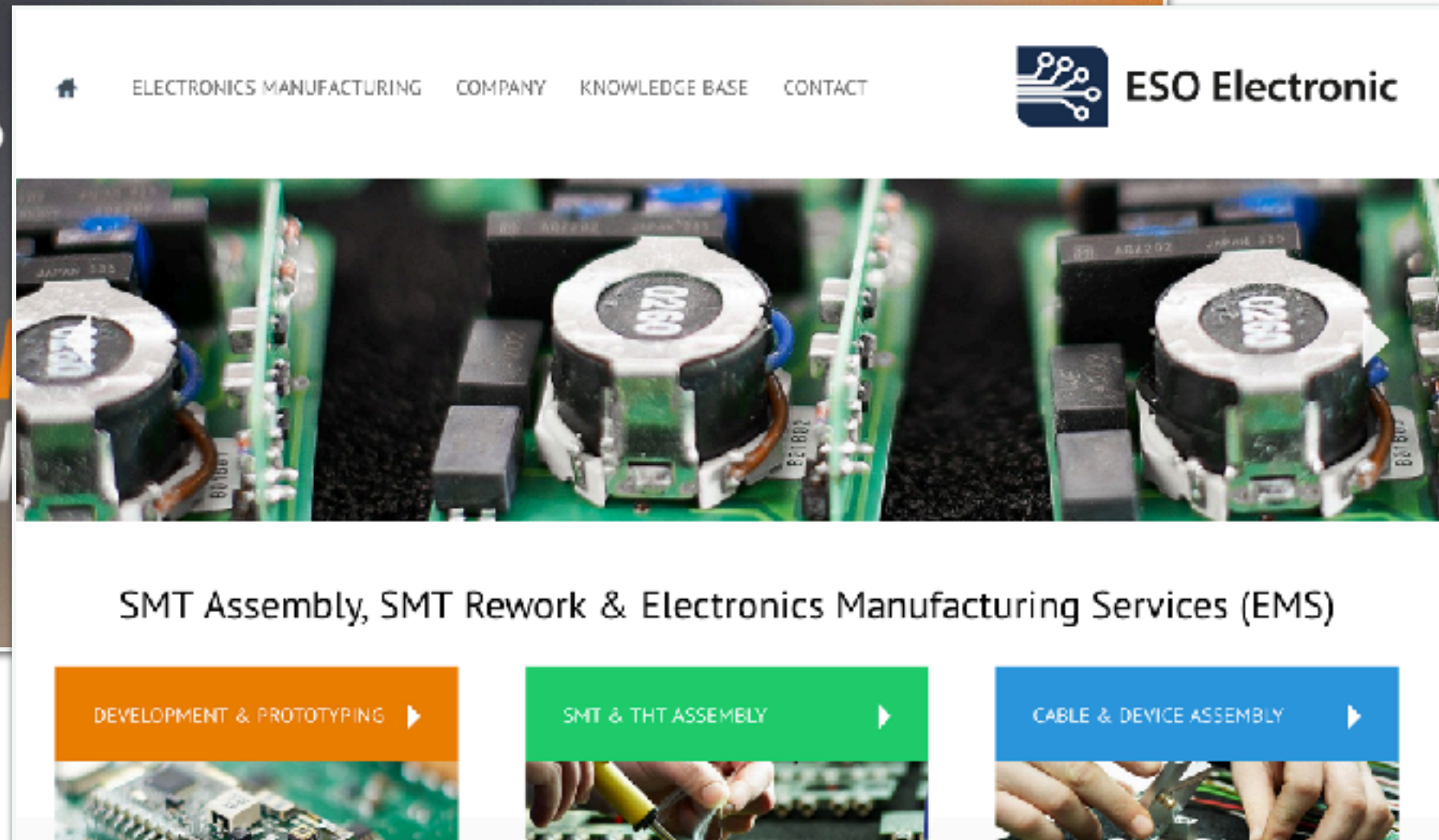
Key Users



Key Users



Key Users



Frappe Framework

“Batteries Included”

Tech Stack

- Maria DB
- Redis Cache
- Python Backend (2/3 - compatible)
- Javascript Single Page App (SPA)
- Node + socket.io
- Python RQ

Frappe Framework

- Roles and Permissions
- Multi-tenant
- Job Queueing
- Real Time
- REST API
- Customization
- Metadata Modeling
- Workflows
- Notifications
- Responsive UI
- Mobile Apps
- Portal & Web Views
- Integration Framework
- Multi-lingual

Frappe Technologies

- Founder of ERPNext
- 10 years in business
- **Frappe Services**
 - Implementation
 - Server support
 - Scalable customization
 - Functional support
- **Frappe Products**
 - Frappe Framework
 - ERPNext
 - Frappe Charts
 - Frappe Datatable

ERPNext POC @ Reliance

Masters

- Company
- Suppliers
- Customer
- Warehouses
- Chart of Accounts

Items

- Items
 - Item Groups
 - FG, sub-assembly and service Items
 - Item Prices
 - Item's Suppliers and Supplier codes

Purchase of Services

1. Service Item
2. Purchase Order
3. Purchase Invoice
4. Payment

BOM

- Product A (packed)
 - Final Assembly + Materials
 - PCB + Materials

- Sub-contracting
- In-house Manufacturing

BOM

- Product D (packed)
 - Final Assembly + Materials
 - PCB + Materials

- Sub-contracting
- In-house Manufacturing

Triggers for Manufacturing

- Sales Order
- Re-order Level
- Scheduling

Product A Manufacturing

- Product A (packed)
 - Final Assembly + Materials
 - PCB + Materials

MRP for Product A

- Material Requirement Planning (MRP)
 1. Product A
 2. Final Assembly (Sub-contracting)
 3. PCBA

Manufacturing for Product A

- Work Order & Sub-contracting
 1. PCBA Manufacturing
 2. Final Assembly Sub-contracting
 3. Product A manufacturing

Dispatch and Invoicing

1. Delivery Note
2. Sales Invoice
3. Payment Entry

Customisations

1. Custom Field
2. Custom DocType
3. Custom Print Format
4. Workflow



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