



TEKsystems Global Services

Introduction to ERP

Presented by: Ananda Vardhan Chagamreddy

Date of Presentation: 13-Aug-2020



Enterprise Resource Planning - ERP

- 
- A blue horizontal bar with a right-pointing arrow shape at its end, positioned above the list of bullet points.
- Necessity – *about 80% of big and medium businesses run with ERP solutions.*
 - Transformation of business into Digital world
 - Works for all types of industries and businesses
 - Helps organize day-to-day activities for business
 - Provides Security
 - Centralized data
 - Data accuracy

What is ERP?

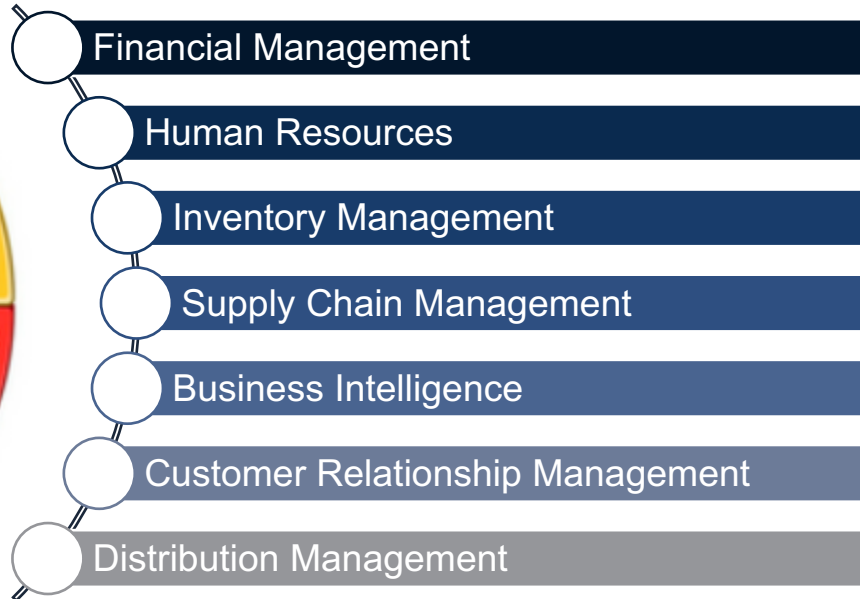
Definition

- ERP is a fully integrated business management system to link business processes automatically and give real-time information to authorized user
- ERP integrates all facets of business such as manufacturing operations, supply chain, customers, human resource & finance

History

- 1960 – used by Manufacturing sector and for Inventory Management
- 1970 – MRP (Material Requirements Planning) for production processes
- 1980s – improved processes in Manufacturing industry
- 1990 – evolution into much matured business processes for Finance, HR and others
- Grattner¹ invented the term **ERP** in 1990
- 2000s – expanded to business intelligence that handles marketing automation, sales force automation and e-commerce etc.

What integrates into ERP Software Solutions?



Examples – Industry and Modules



Manufacturing

- Finance Management
- Human Resource Management
- Inventory Management
- Quality Management
- Sales/Purchase Management



Retail

- Finance Management
- HR Management
- Supply Chain & Distribution Management
- Retail Management

Real-time example

Super
Market

TG



Hyderabad

AP



Vijayawada

KA



Bangalore



Secunderabad



Vizag



Hubli

HRMS

- Employee Management
- Payroll
- Time Entry
- Benefits / Bonus
- Insurance

Inventory

- Items / Price / Quantity
- Warehouse Management
- Shipping

Finance

- Payables
- Receivables
- General Ledger

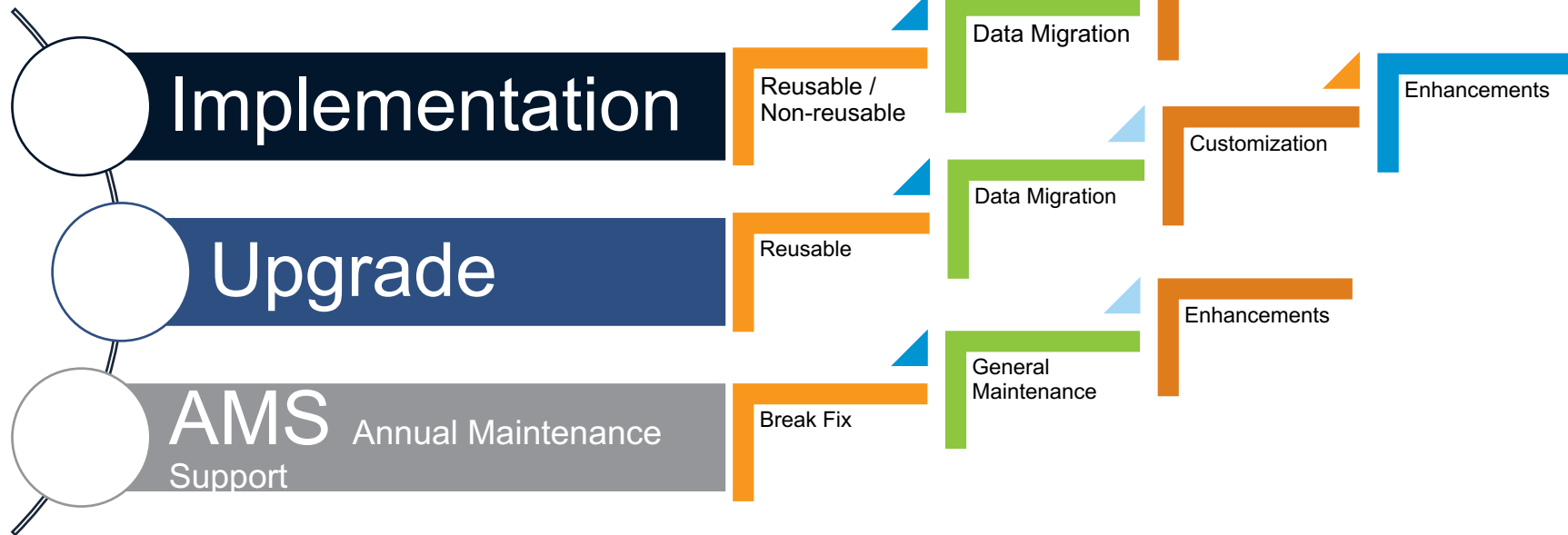
Procurement

- Purchase Orders
- Expenses
- Suppliers / Customers

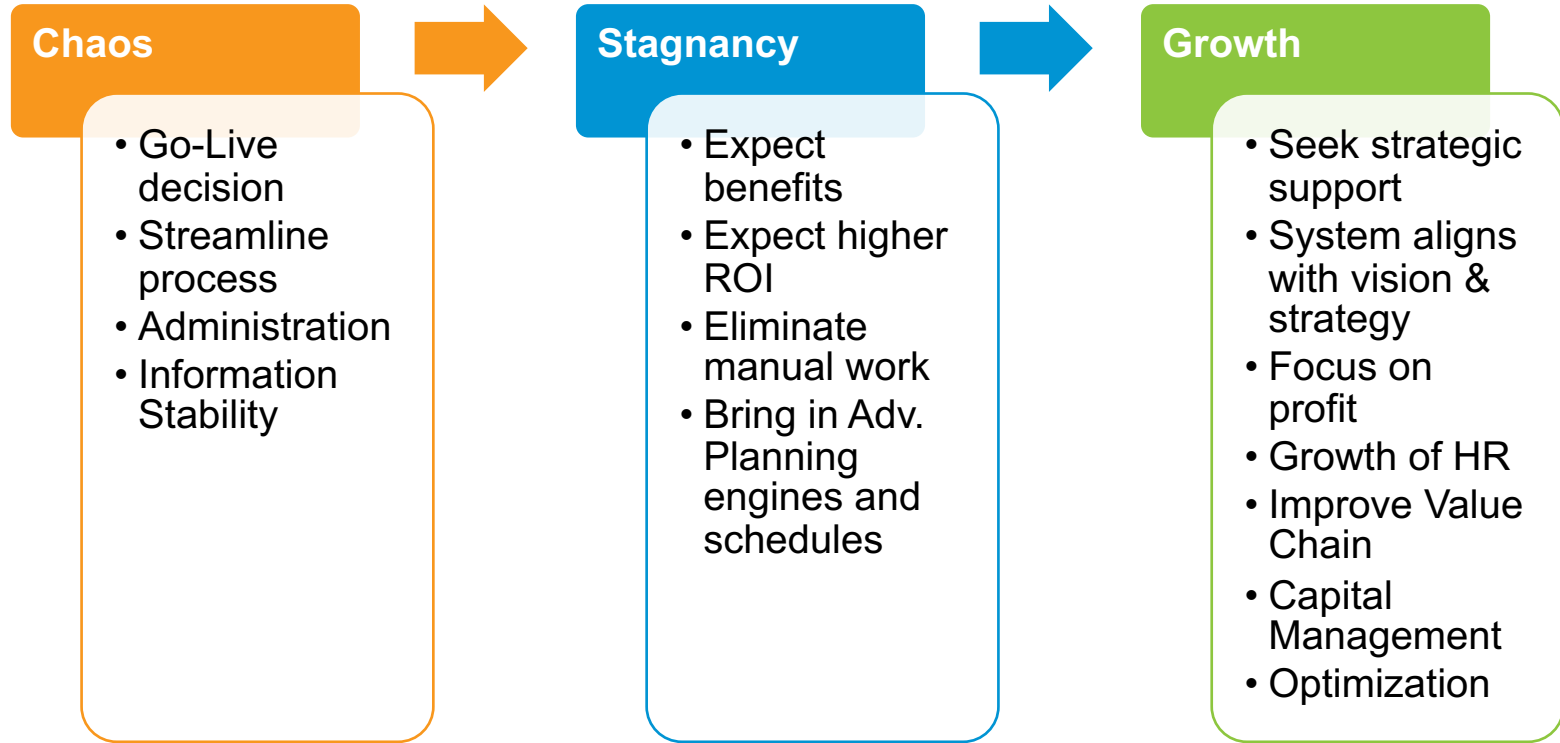
Order Management

- Order Entry / Booking / Processing
- Shipping

Types of Projects



ERP Maturity Levels - Stages



Organization of ERP Projects



Big Bang

Casts all Legacy systems in one go & installs in one ERP system across company



Franchising

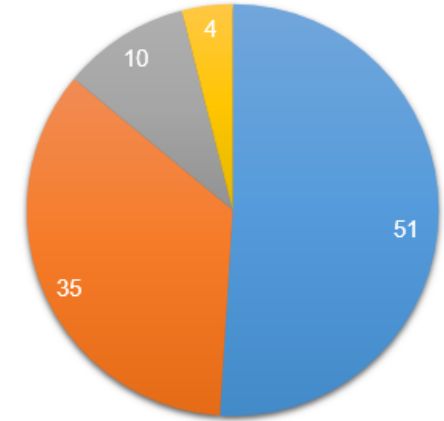
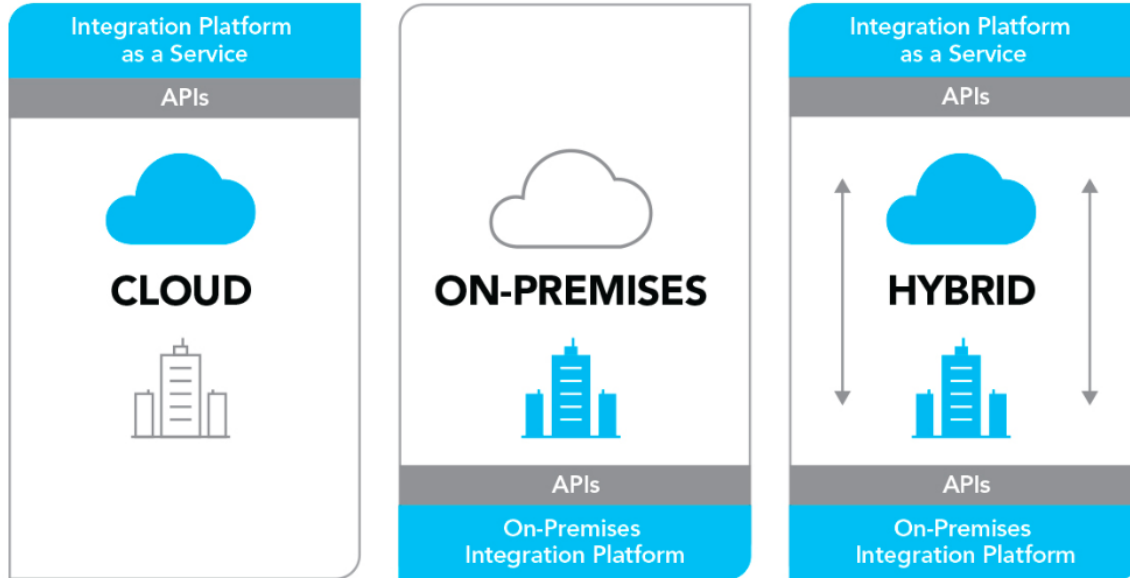
Most common method: Independent ERP system in each unit while linking common processes across the enterprise.



Slam Dunk

ERP dictates the process. Only few key processes are selected for focus.

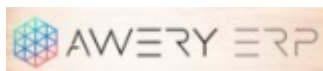
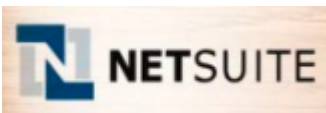
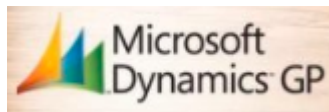
Which ERP Deployment do CIOs prefer?












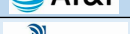





■ Cloud ■ On-Premise ■ Hybrid ■ No Preference

Source: ERP Trends, Accenture (2019)

Key Players in the Market



Few Top ERP Vendors

Company	ERP	HCM	ATS
	SAP S/4 HANA	Workday HCM	Workday Recruiting
	SAP S/4 HANA	SAP HCM (HR)	SuccessFactors Recruiting
	SAP S/4 HANA	SAP HCM (HR)	In-House ATS
	Oracle ERP Cloud	Oracle HCM Cloud	Oracle Taleo
	In-House ERP	Workday HCM	In-House ATS
	Oracle E-Business Suite	Oracle HCM Cloud	Oracle Taleo
	SAP S/4 HANA	Workday HCM	Workday Recruiting
	SAP S/4 HANA	Workday HCM	IBM Kenexa BrassRing
	SAP ERP ECC 6.0	Workday HCM	Oracle Taleo
	SAP S/4 HANA	Workday HCM	Oracle Taleo
	SAP S/4 HANA	Workday HCM	SuccessFactors Recruiting
	SAP S/4 HANA	Oracle HCM Cloud	IBM Kenexa BrassRing
	SAP S/4 HANA	Workday HCM	Oracle Taleo
	SAP S/4 HANA	SAP SuccessFactors HCM	Oracle Taleo
	SAP S/4 HANA	Workday HCM	Google Hire



THANK YOU

