



ENTERPRISE RESOURCE PLANNING (ERP)

Overview of ERP systems





AGENDA

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- 2 Why ERP ?
- 3 Core Components Of ERP
- 4 Role of ERP in Business Operations
- 5 Benefits of ERP Systems
- 6 Real-World Applications of ERP
- 7 Conclusion



WHAT IS ERP ?



- **ERP (Enterprise Resource Planning)** is a software system used to manage and integrate core business processes
- It combines different business functions into one centralized system
- ERP enables real-time data sharing across departments
- It helps organizations plan, monitor, and control resources efficiently





Why ERP ?



- Traditional systems work in separate departments, causing data duplication
- Manual processes increase errors and inefficiency
- ERP provides a single source of truth for all business data
- Enhances efficiency, accuracy, and operational control
- It helps organizations plan, monitor, and control resources efficiently



Core Components Of ERP



- **Finance & Accounting** – Manages financial transactions and reporting
- **Human Resources (HR)** – Handles employee data, payroll, and recruitment
- **Supply Chain Management** – Controls inventory, procurement, and logistics
- **Sales & Customer Relationship Management (CRM)** – Manages sales and customer interactions
- **Manufacturing / Operations** – Supports production planning and process control



Role of ERP in Business Operations

How ERP Supports Day-to-Day Business Activities



- Integrates all departments into a single unified system
- Enables real-time access to business data
- Improves coordination and communication between teams
- Supports better decision-making through accurate reports
- Automates routine business processes



Benefits of ERP Systems



- Improves overall business efficiency
- Reduces operational costs and errors
- Provides accurate and real-time data
- Enhances productivity and collaboration
- Supports scalability and business growth



Real-World Applications of ERP



- **Manufacturing** – SAP, Oracle ERP
- **Retail** – SAP S/4HANA, Microsoft Dynamics
- **Healthcare** – Oracle Health, SAP IS-H
- **Education** – Oracle PeopleSoft
- **Banking & Finance** – SAP, Oracle Financials



Conclusion



- ERP integrates all core business functions into a single system
- Improves efficiency, accuracy, and decision-making
- Helps organizations manage resources effectively
- Widely adopted across industries with leading ERP vendors



THANK YOU

Adharsh M V

