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Seminar On ERP

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Content

- What is ERP?
- Earlier used Softwares
- Why Companies Undertake ERP
- Cost of ERP
- How Companies Organize their ERP Projects ?
- Benefits Of ERP Systems
- Advanced Business Applications Program (ABAP)
- Conclusion

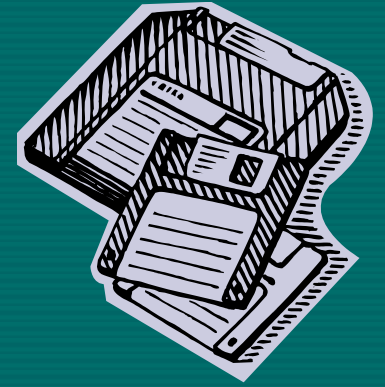
Enterprise Resource PLANNING (ERP)



- Automates tasks necessary to perform a business process.
- Integrates all departments & functions across a company to create a single software program that runs off one database
- Replicates business processes in software ,guides employees step-by-step & automate as many procedures

Hence, aims to serve as backbone for whole business.

EARLIER USED SOFTWARES

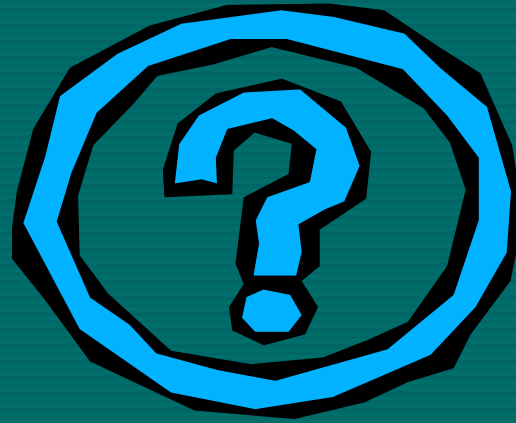


1. **ERM** (Enterprise Resource Management) :-
Encompasses accounting, HR & material
management

ERP = ERM + APPLICATIONS

2. **MRP** (Materials Requirements Planning) :-This
aim to keep the right inventories on hand & the
lines humming.

WHY COMPANIES UNDERTAKE ERP



- To integrate financial data
- To standardize manufacturing processes
- To standardize HR information



COST OF ERP

- Meta Group recently did a study looking at the Total Cost of Ownership (TCO) of ERP. They included
 - Hardware, software , professional services & internal staff services .
 - The TCO numbers include getting the software installed & the 2 years afterward (maintaining , upgrading & optimizing the system).

HOW COMPANIES ORGANIZE THEIR ERP PROJECTS ?

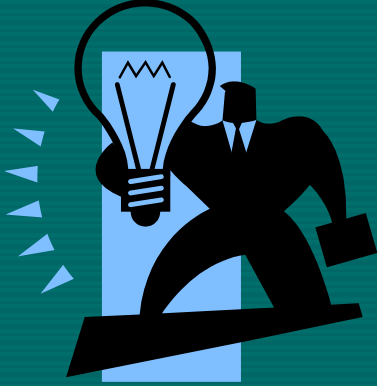


3 ways of organizing ERP :->

➤ THE BIG BANG

➤ FRANCHISING STRATEGY

➤ SLAM - DUNK



(1) The Big - BANG

- In this, the most ambitious and difficult of approaches to ERP implementation, companies, cast off all their legacy at once & implement a single ERP system across the entire company.
- Getting everyone to cooperate & accept a new software system at the same time is a tremendous effort , largely because no one in the company has any experience of using it.

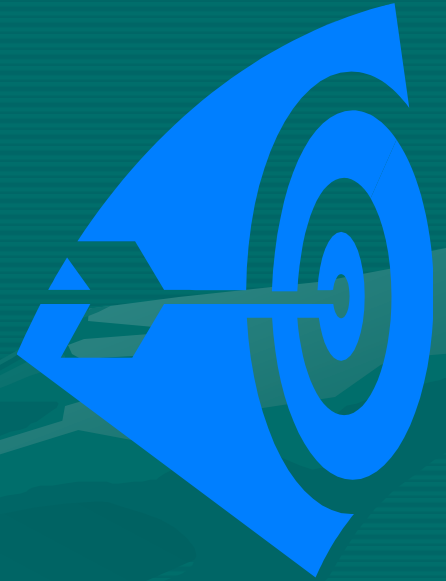
(2) Franchising Strategy

- Suits to large or diverse companies that don't share many common processes .
- Independent ERP systems are installed in each unit, while linking common processes across the enterprise
- Systems link together only to share necessary information to get a big picture across all business units



(3) SLAM - DUNK

- Generally for smaller companies expecting to grow into ERP
- Focus is just on few key processes
- Can be used as an infrastructure to support more diligent installation efforts down the road



ERP SYSTEMS



- These are IT systems meant to serve all IT needs of manufacturing company .
- Evolved from earlier **MRP** & **MRP II** systems

MRP systems

Computer technique for taking a product schedule as I/P & generating works & purchase orders as O/P.

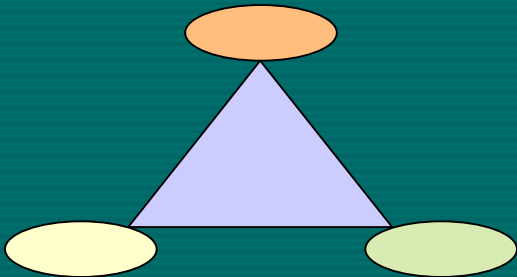
MRP II systems

Tended to be so wide in scope giving IT support to all parts of manufacturing company

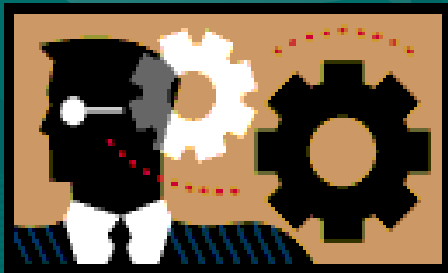
Benefits Of ERP Systems



➤ Timely availability of information.



➤ Integration of systems



➤ Computational power

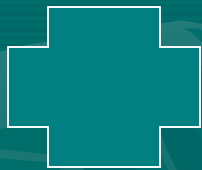
ERP II SYSTEMS

- A technical infrastructure that can support the integration of applications within the enterprise as well as serve as a connection point for integration with applications run by business partners.
- Aims to achieve a market-leading position as a strategic IT provider
- Has the ability to connect heterogeneous systems

Systems, Applications & Products in Data Processing

SAP

The world's most popular Enterprise Resource Planning (ERP) software package



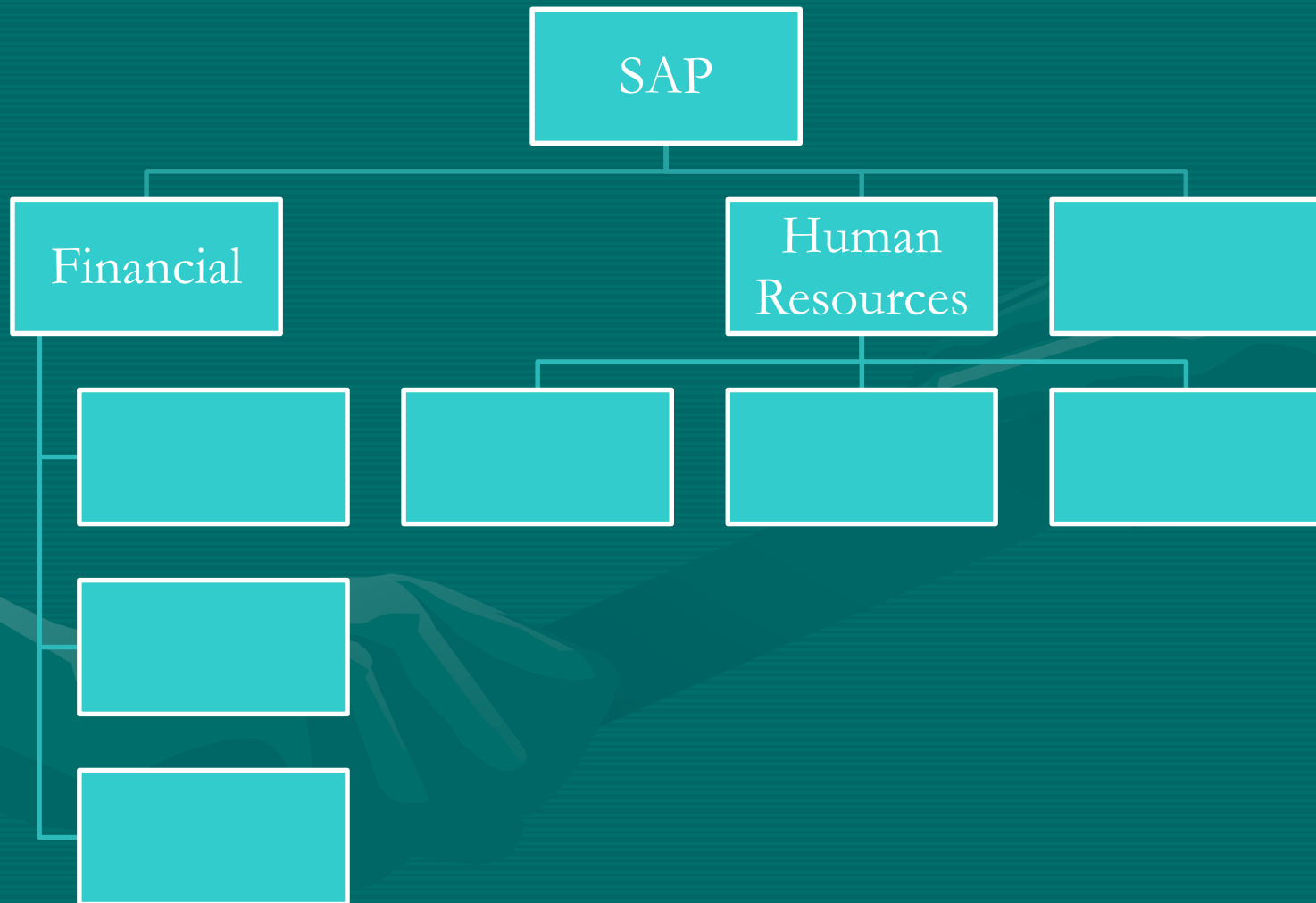
Independent Functional Software
Modules

Single Enterprise
System

Advanced Business Applications *Program (ABAP)*

- **ABAP** is the programming language of SAP.
- A powerful programming language designed to be both platform and Database independent.
- After the successful installation, the "ABAPer" will be responsible for the customization, modification and general support of the SAP program.
- It has many of the features of other modern programming languages such as the familiar C, Visual Basic, and Power Builder.

SAP are categorized into 3 core functional areas:



Conclusion

- While employing an ERP system may be expensive, it offers organizations a cost efficient system in the long run.
- The organizations should take extra precautions when it comes to choosing the correct ERP system for them.

Reference

- www.google.com
- www.wikipedia.com
- www.oeclib.in



Thanks

