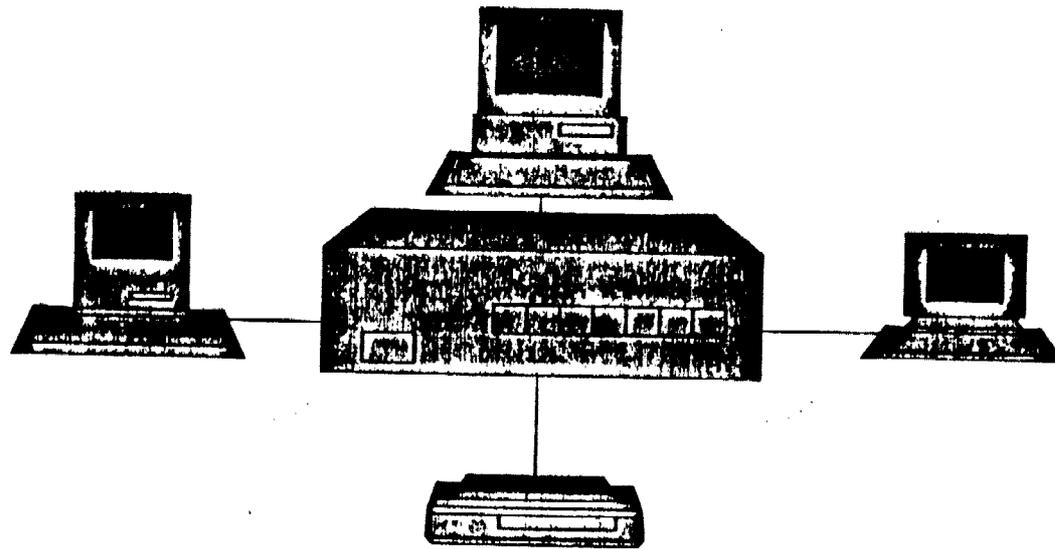


C E N T E R   M A N A G E M E N T  
F O R   I N F O R M A T I O N



Operationalizing corporate  
Information Management CONFERENCE

10 AUGUST 1992

## **The DoD Problem**

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- **Unstable Threat Environment**
- **Reduced Force Structure**
- **Tight Budget**
- **Outdated Business Methods and C3I Processes**
- **Obsolete/Redundant Information Systems**

## **Corporate Information Management Approach**

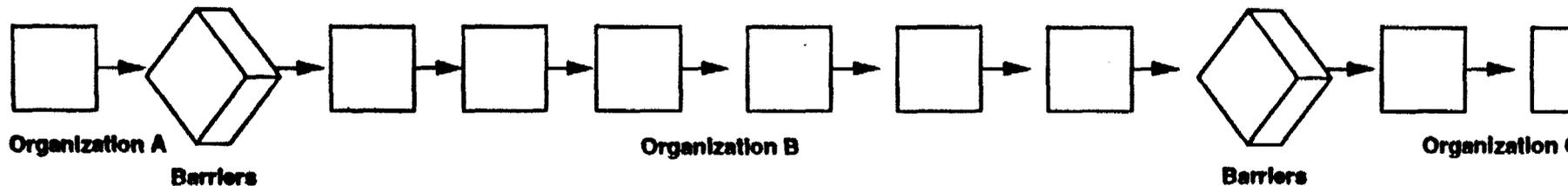
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- **Establish Management Process -- Centralized Policy and Decentralized Execution**
- **Business Process Improvement**
- **Information System Improvements**
- **Decisions Based on a "Business Case"**
- **Information Services Provided on a Fee-For-Service**
- **Emphasis on Evolving Existing Baseline**

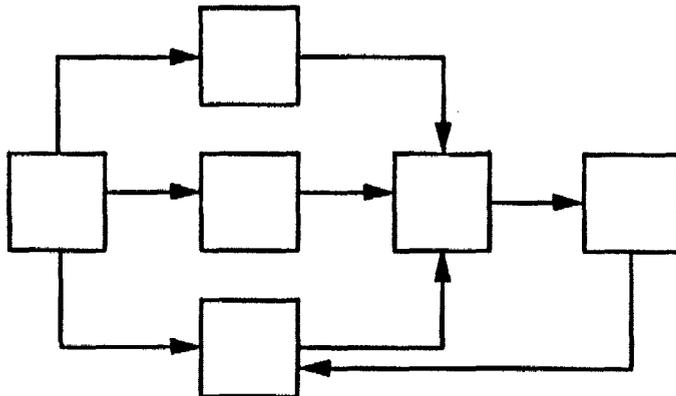
# Improve Mission Practices

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## Current Mission Processes



## Improved Mission Process



## Through

- **Mission Need Analysis**
- **Shortened Cycle Times**
- **Parallel Processing**
- **Organizational Barriers Removal**
- **Streamlined and Simplified Management Processes**
- **Increase Tooth-to-Tail Ratio**
- **Improved Feedback Loops**

## **Center for Information Management Background**

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- **Center for Information Management Activated  
15 March 1991**
- **Center Program Goals Responsive to Direction  
of ASD(C3I), DoD CIM Implementation Plan,  
DMRD 924, and ELG Plan**
- **Center Chartered to Provide Information  
Management Technical Services to the DoD  
Community**

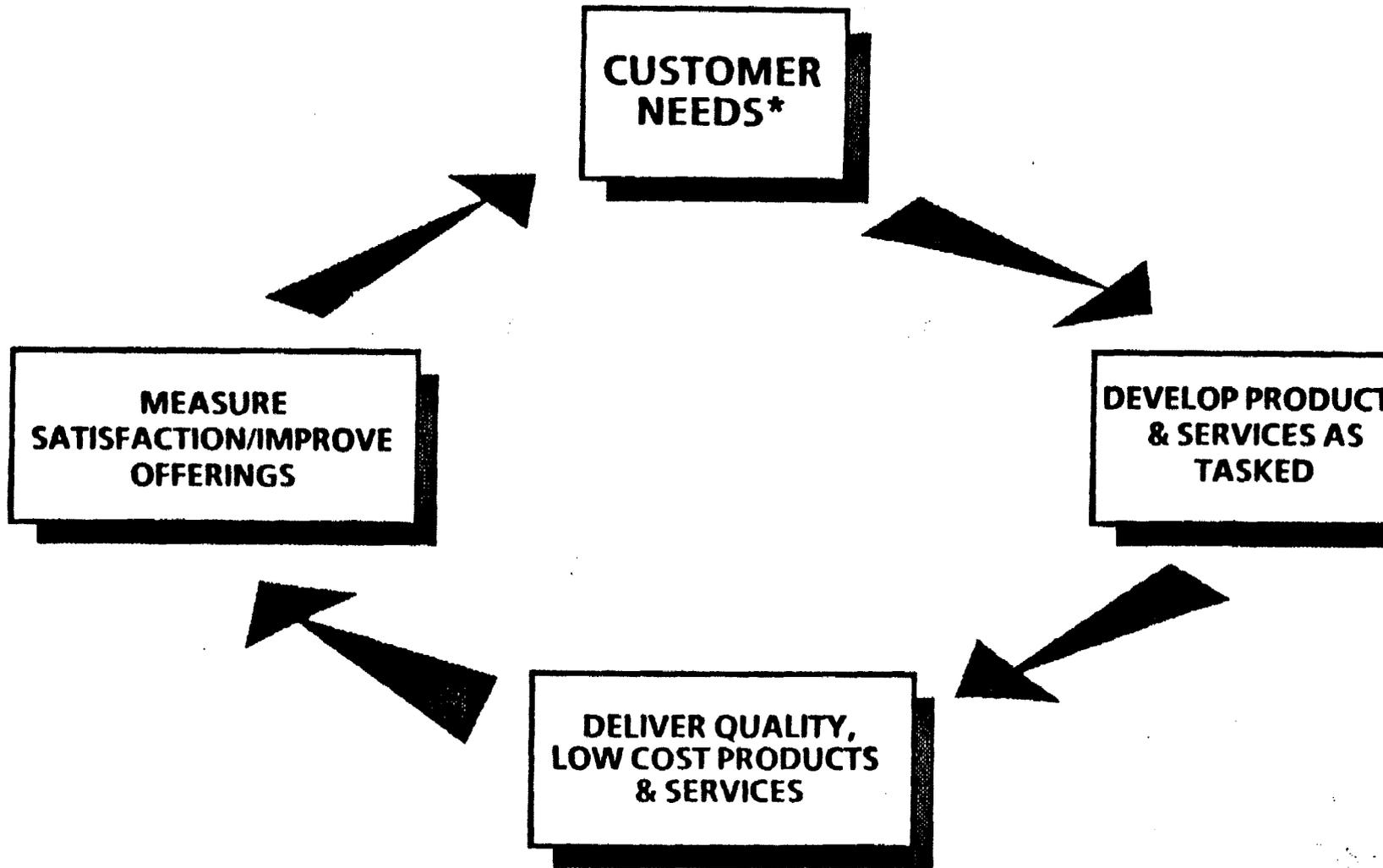
# **Center for Information Management DoD Culture Change**

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- **Process First/Technology Second**
- **Organizational changes and impacts**
  - **More "Purple" support**
  - **More centralization of support**
  - **Technology must be responsive**
- **Center for Information Management role**
  - **Agent for change**
  - **Information technology service provider**

# Center Approach

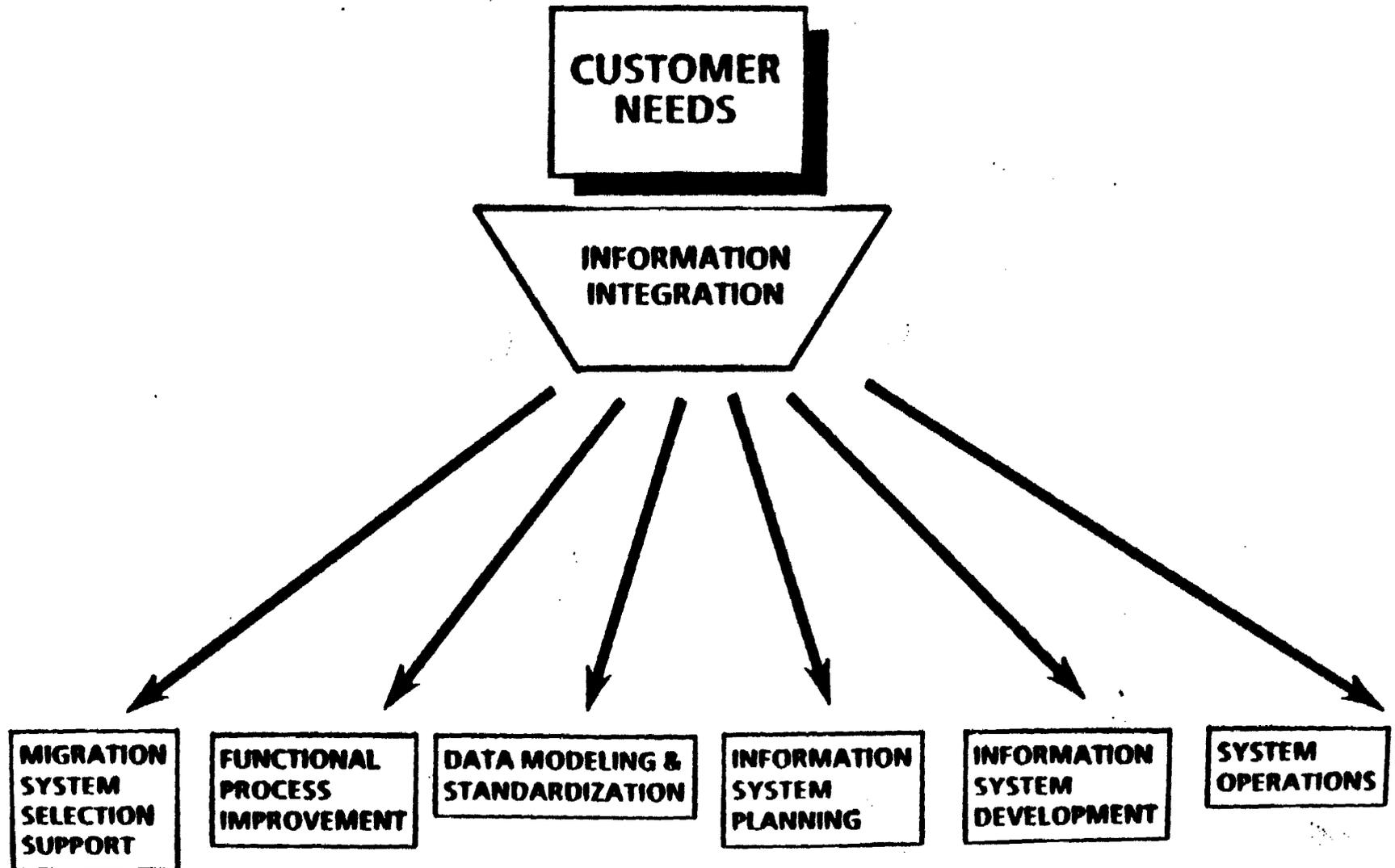
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\* The Corp. IM process defines the customer's immediate need for technical tools, services and assistance.

# Support to the Corporate Information Management Process

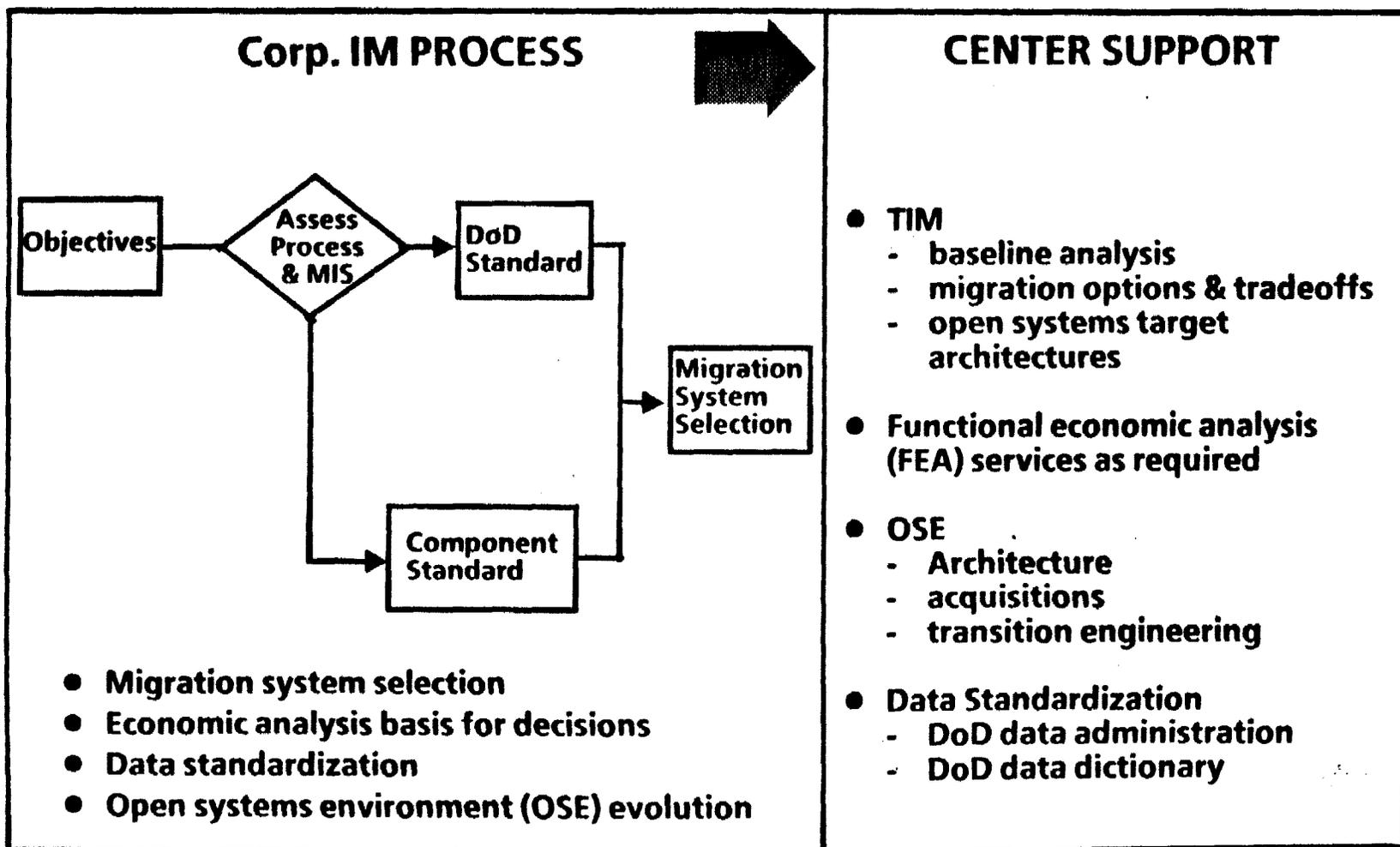
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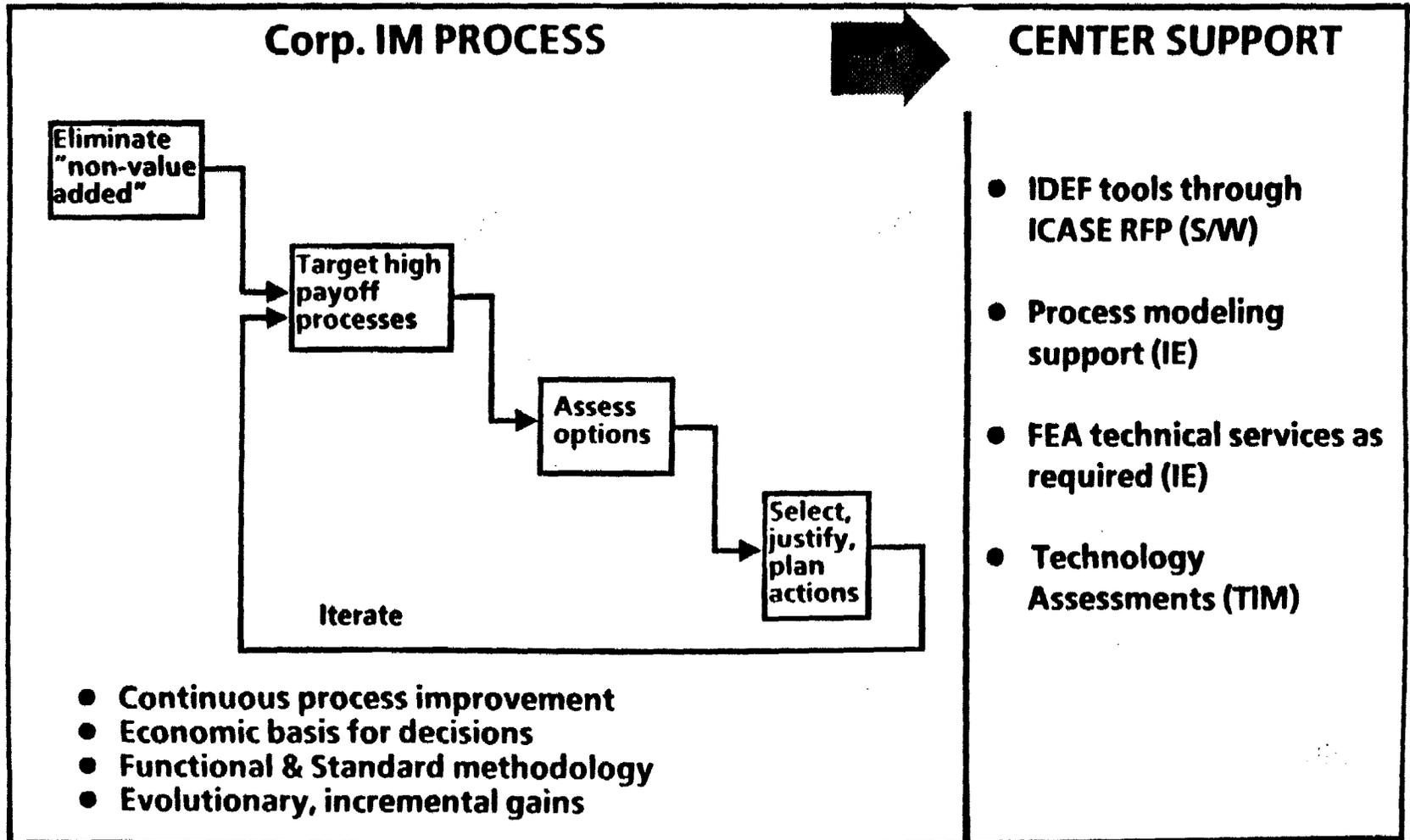
# The Center's Role

|  |                                | CENTER PRODUCTS AND SERVICES |                         |                           |                                       |                                       |
|--|--------------------------------|------------------------------|-------------------------|---------------------------|---------------------------------------|---------------------------------------|
|  |                                | INFORMATION ENGINEERING (IE) | TECH. INTEGRATION (TIM) | S/W PROCESS & REUSE (S/W) | UTILITY PLANNING & ACQUISITION (Util) | OPENS SYSTEM ARCHITECTURE & STANDARDS |
| C<br>I<br>M<br><br>P<br>R<br>O<br>C<br>E<br>S<br>S | MIGRATION SYSTEMS              | X                            | X                       | X                         | X                                     | X                                     |
|  | FUNCTIONAL PROCESS IMPROVEMENT | X                            | X                       |                           |                                       |                                       |
|  | DATA STANDARDIZATION           | X                            | X                       |                           |                                       |                                       |
|  | INFORMATION SYSTEM PLANNING    | X                            | X                       | X                         | X                                     | X                                     |
|  | INFORMATION SYSTEM DEVELOPMENT | X                            | X                       | X                         | X                                     | X                                     |
|  | SYSTEM OPERATION               |                              | X                       |                           | X                                     |                                       |

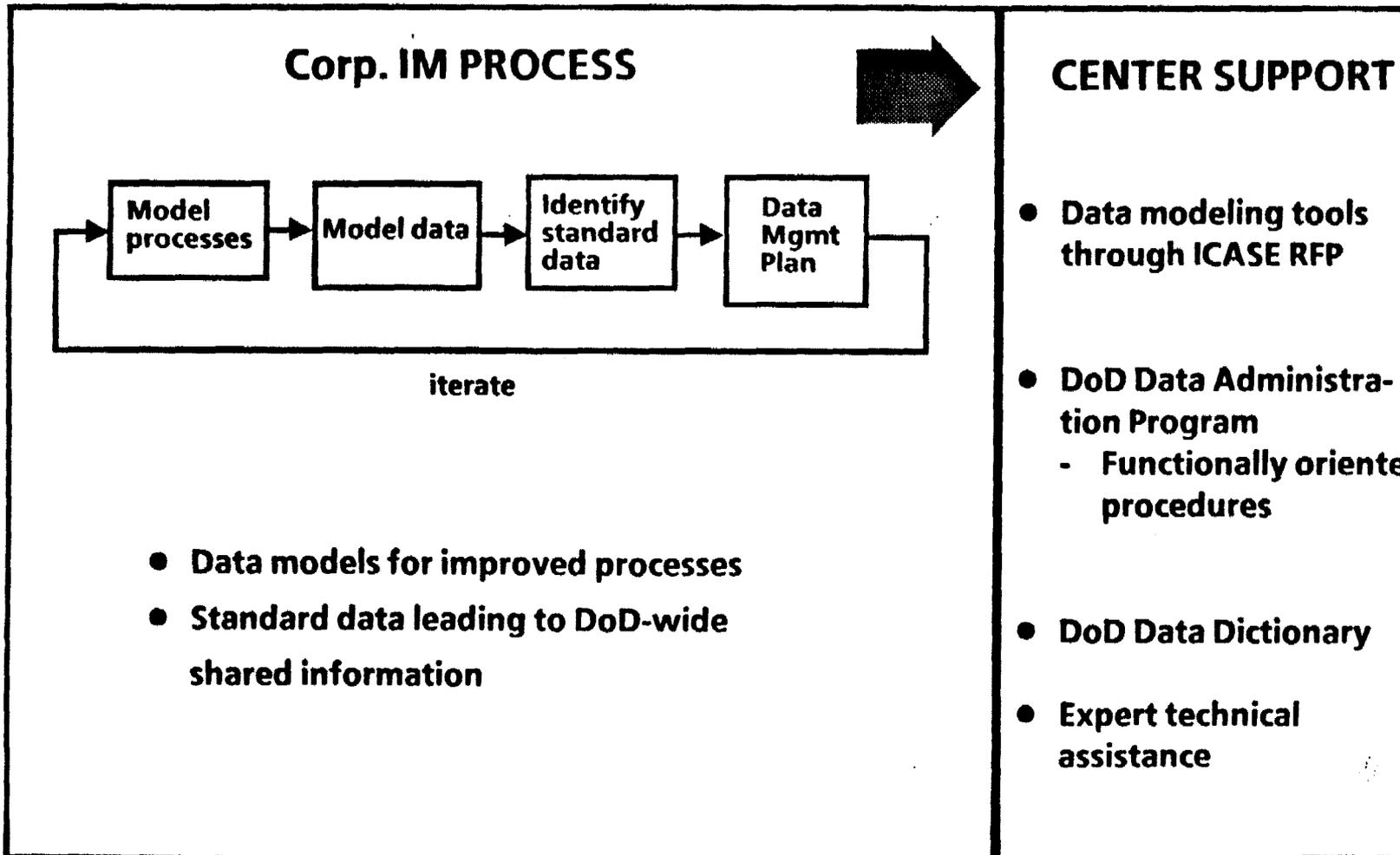
# Migration Systems



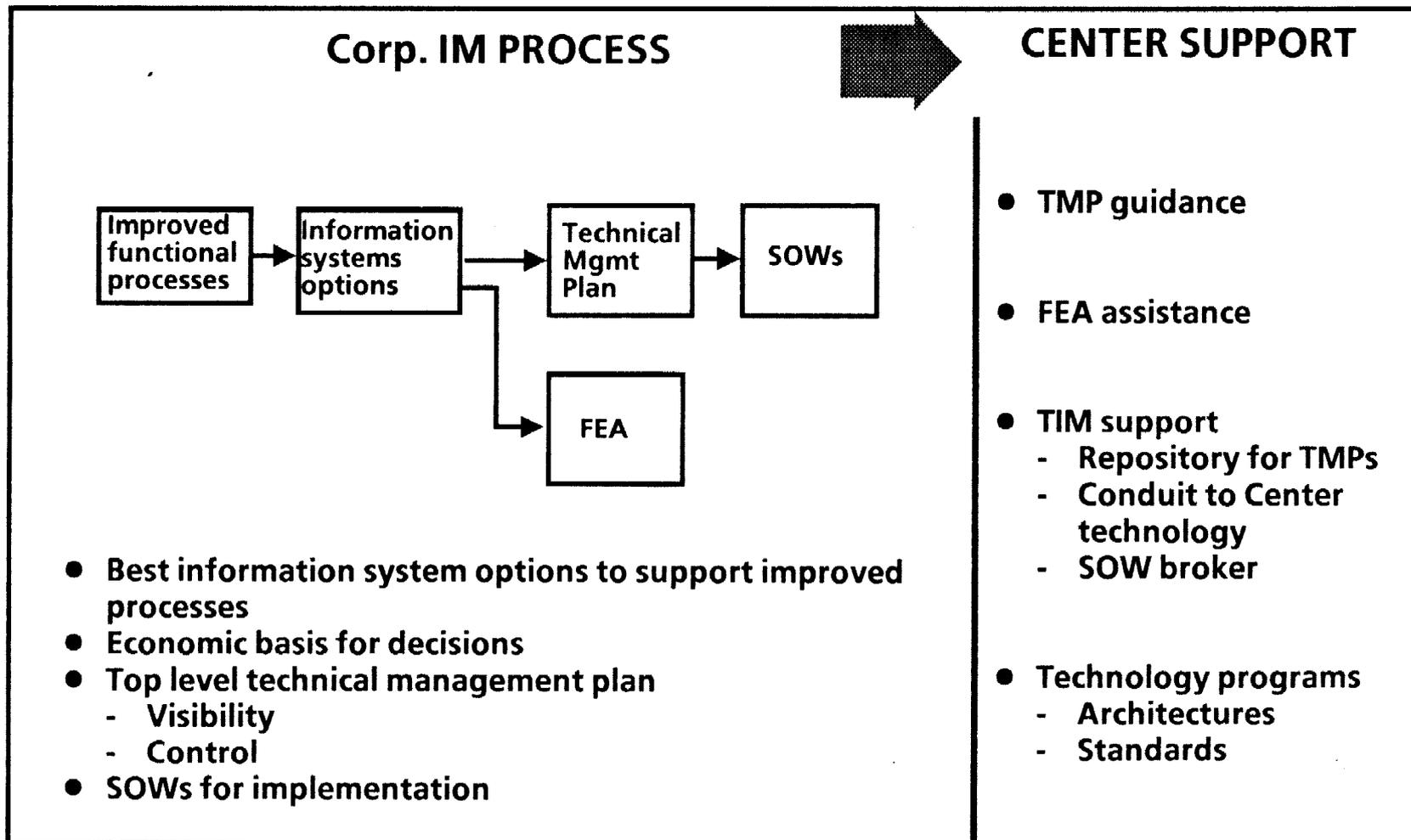
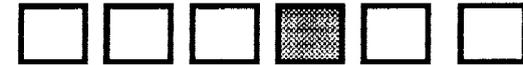
# Functional Process Improvement



# Data Standardization



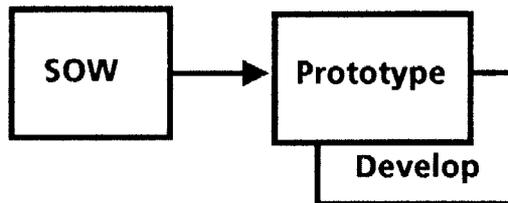
# Information Systems Planning



# Information System Development



## Corp. IM PROCESS

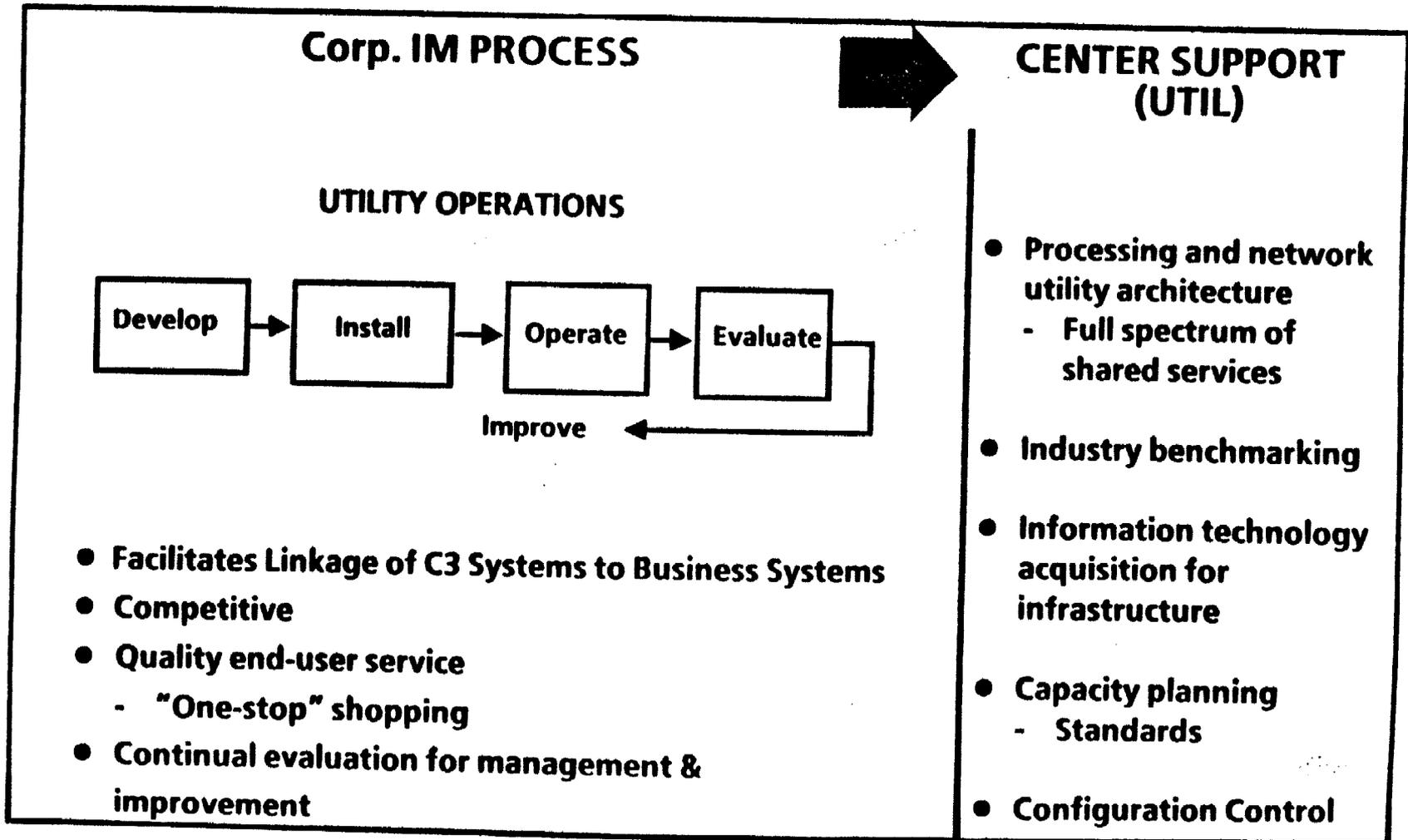


- Rapid, evolutionary
- Open competition
- Quality service at affordable cost
- Best technology

## CENTER SUPPORT

- Software process improvement
  - best industry practice (S/W)
- DoD Software Reuse Program
  - compose systems from quality reusable parts (S/W)
- Shared development utility (UTIL)
- SOW for government or industry (TIM)
- TIM provides integration services and configuration control (TIM)
- Technology programs
  - Architectures
  - Standards

# System Operations

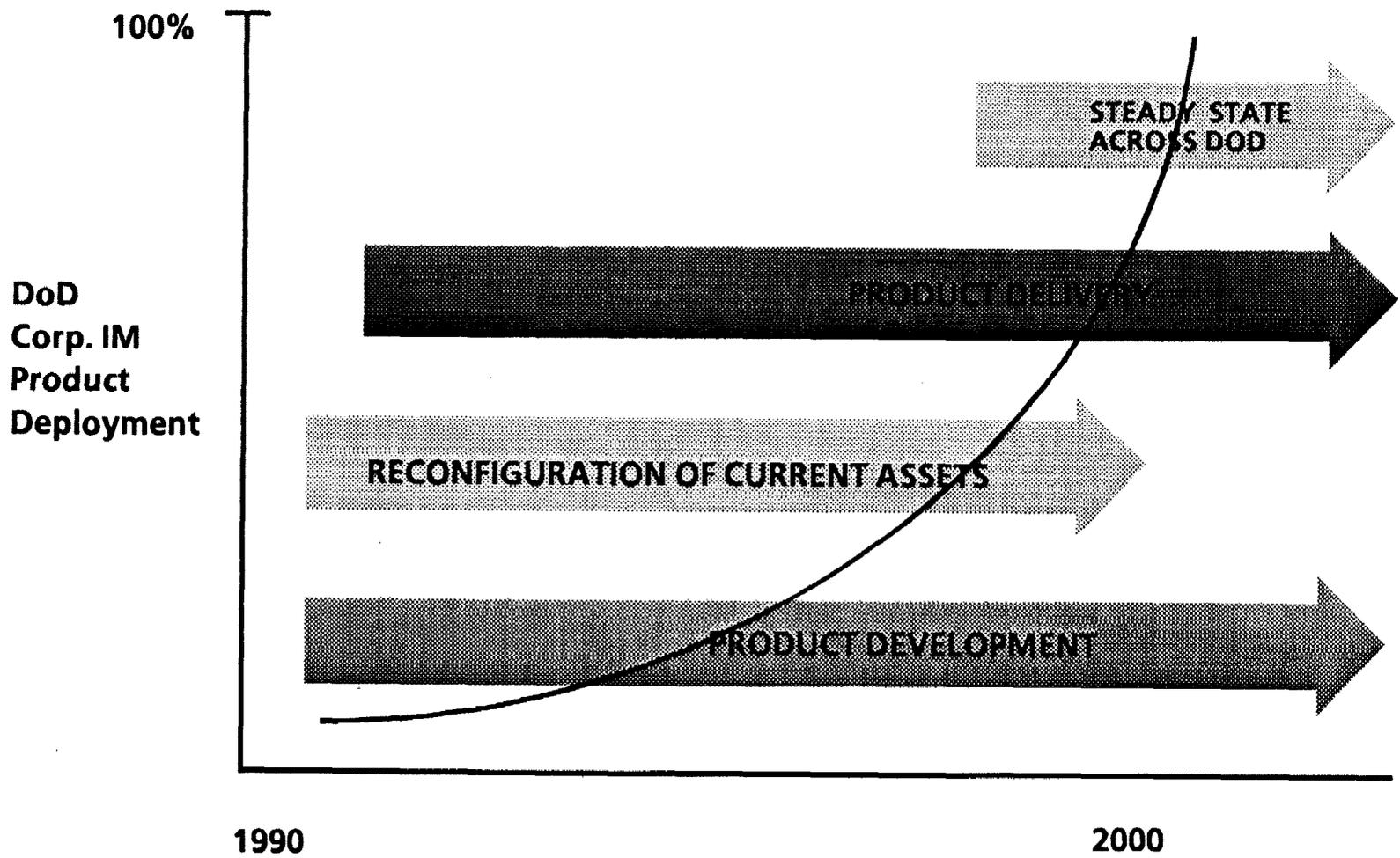


## **Center for Information Management Program Strategy**

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- **Improve Mission Practices**
- **Promote Efficiencies and Standardization**
- **Promote Information Technology Reuse**
- **Promote Open Systems Standards**
- **Reuse DoD Software**
- **Develop Data Administration Program**
- **Develop Common Information Systems for Each Functional Area**

# The Center's Plan for Corp. IM Support



# PROGRAM PHASES

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## PHASE I - FY 92-94

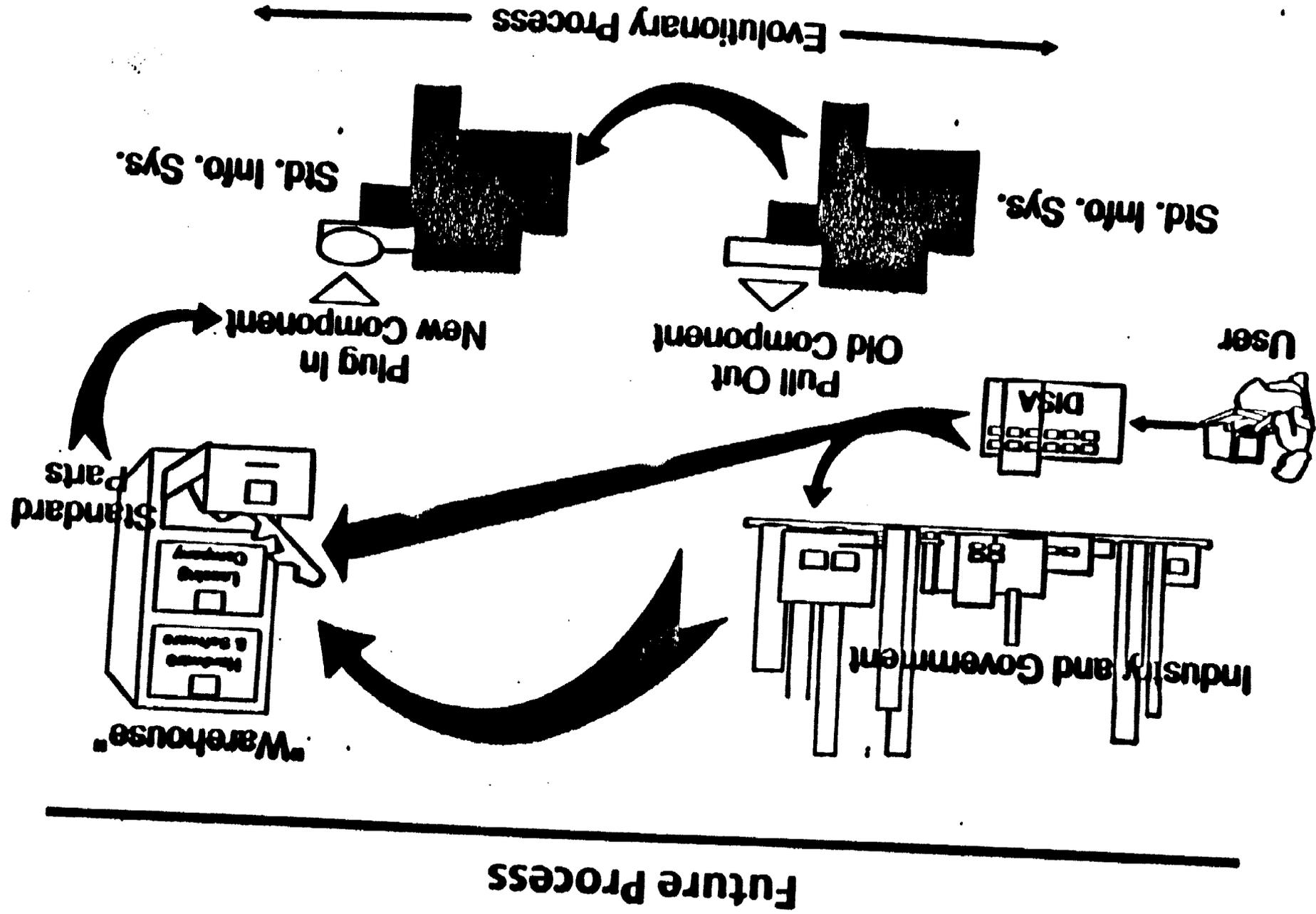
- Full support to business functional area
- Develop common methods and tools
- Centralize data administration/data standardization
- Provide common reuse repositories for DoD functional domains
- Provide systems and software engineering support
- Export CIM methods, tools, architecture & standards to C3I arena
- Begin Transition to Fee for Service for Information Technology Resources

## PHASE II - FY 94-96

- Business information technology capabilities mature, increase emphasis on applying capability to C3 area
- Business process improvement methods applied to C2 on a wide-spread basis
- Expand services on a fee-for-service basis
- Development of processing infrastructure
- Acquisition management for DoD software & hardware

## PHASE III - FY 96-98

- C3 information technology capability maturing
- Systems engineering in Intelligence information systems
- Expanded infrastructure
- Fee-for-Service implemented



# Goals of the Center

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