

TRACK 2: MANAGEMENT

Session 260

MANAGING A PROJECT AFTER IMPLEMENTATION

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Managing a Project
After Implementation

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Agenda Topics

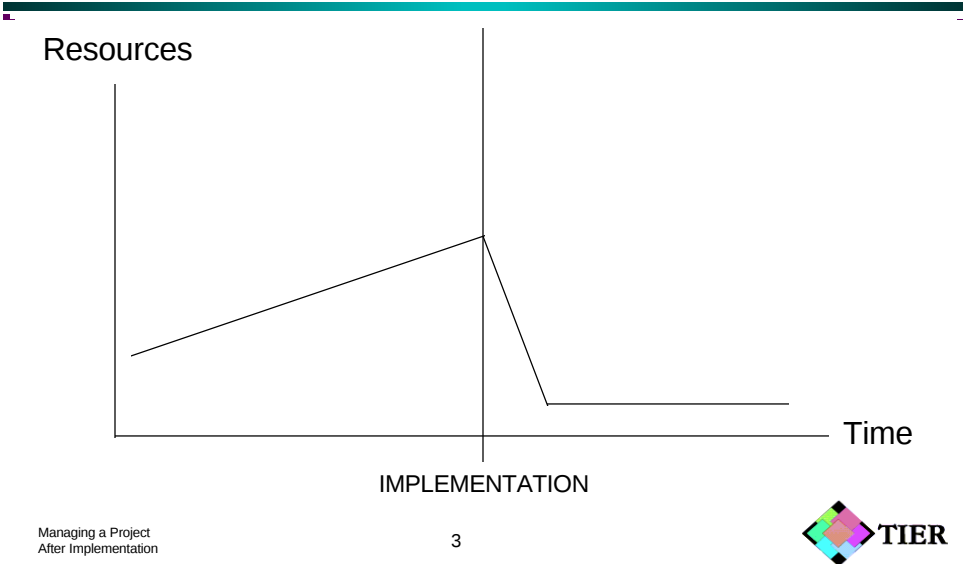
- ☞ System Lifecycles
- ☞ Corporate Software vs Commercial Software
- ☞ Post-Implementation Project Management
- ☞ IEF/Composer Considerations
- ☞ C/S Post-Implementation vs Mainframe Post-Implementation

Managing a Project
After Implementation

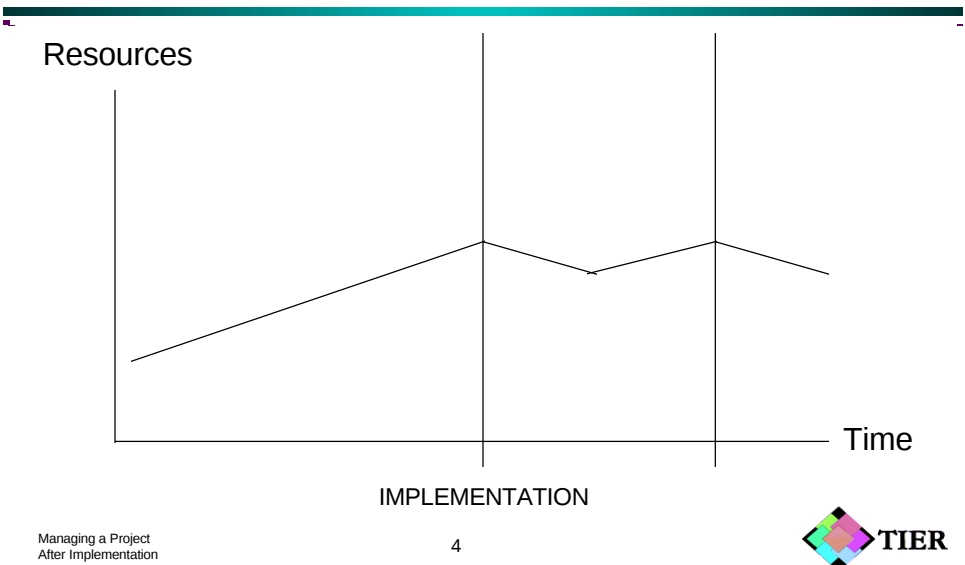
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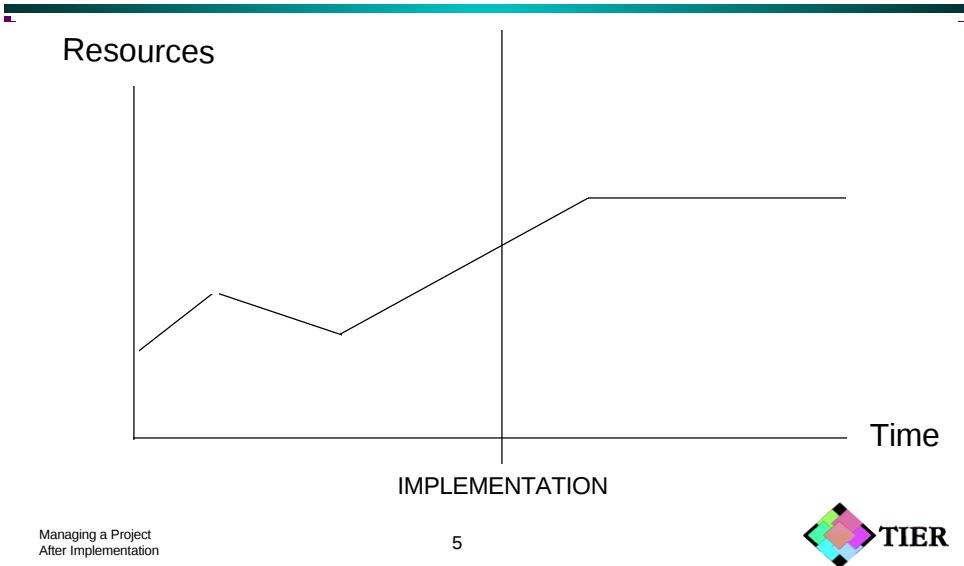
System Lifecycle - IT Resources



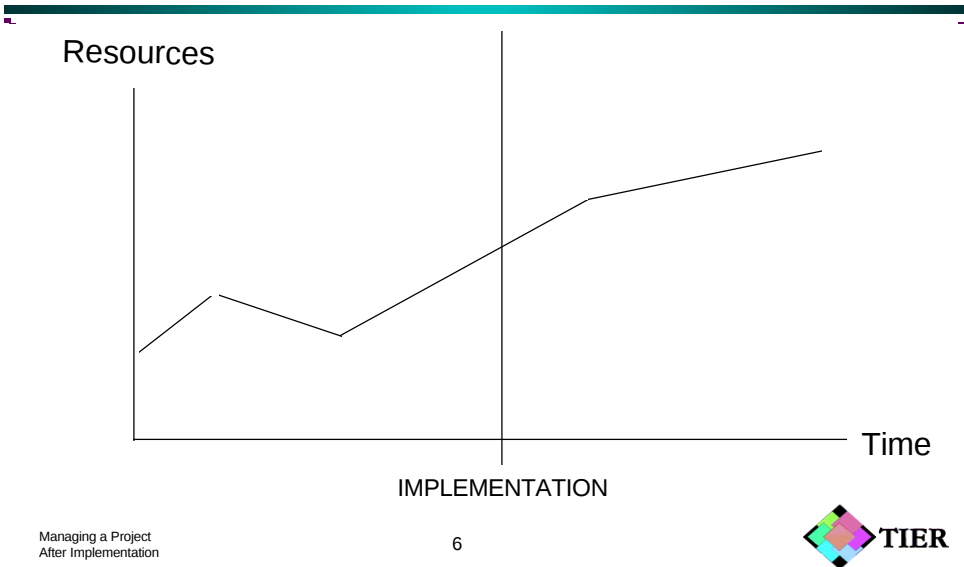
System Lifecycle - IT Resources as it Should Be



System Lifecycle - End User Involvement



System Lifecycle - End User Involvement as it Should Be



System Maintenance Myths

- Development: FUN. Maintenance: NO FUN.
- Methodology is needed only for Development
- End Users design before implementation, just request bug fixes after implementation
- Software is designed and developed once, then occasionally repaired or maintained
- Post-Implementation tasks are too small in scope to apply methodology or project management

How can Post-Implementation be FUN?

Implemented Systems should be:

- Easily enhanced (Significantly)
- Marketed to potential new end-users
- Managed using Methodologies and Project Management techniques
- Constantly evolving until Unnecessary or Technically Obsolete

Similarities between Development and Post_Implementation

- Scoping and Time Estimates
- Resource and Task Dependencies
- Analysis, Design, Testing
- Need for Debugging
- Reusability/Components Applicable to Both

Differences between Development and Post-Implementation

- Task Duration
- Version Control
- Need for Impact Analysis
- End-users: Design vs Usage

Corporate Software vs Commercial Software

C O R P O R A T E	C O M M E R C I A L
S u b s e q u e n t R e l e a s e s o n l y i f N e c e s s a r y	P l a n n e d , B u d g e t e d S u b s e q u e n t R e l e a s e s
S t a b l e (S t a g n a n t ?) E n d U s e r C o m m u n i t y	E n d U s e r C o m m u n i t y E x p e c t e d t o G r o w
M a r k e t i n g t h e C u r r e n t L e v e l o f S e r v i c e	M a r k e t i n g f o r G r o w t h

Post-Implementation Project Management

- Post-Implementation Project Management begins BEFORE Implementation
- Change Control - Communication and Steering Committees
- Resource Retention and Development
- Separate Repairs from Enhancements
- Allocate Resources for Marketing

IEF/Composer Considerations

Ease of Application Maintenance is IEF/Composer's Most Overlooked Strength:

- ☞ Impact Analysis / Full Lifecycle Integration
- ☞ Built-in Reusability
- ☞ Encapsulated Data Model
- ☞ Action Diagrams vs Program Code
- ☞ Encyclopedia - Reusable Objects & Version Control
- ☞ Platform Independence



C/S Post-Implementation vs Mainframe Post-Implementation

C L I E N T / S E R V E R	M A I N F R A M E
2 + P r o d u c t i o n E n v i r o n m e n t s	1 P r o d u c t i o n E n v i r o n m e n t
C l i e n t E x e c u t a b l e s D i s t r i b u t e d	A l l A p p l i c a t i o n L o g i c N o n - D i s t r i b u t e d
R a p i d l y C h a n g i n g E n v i r o n m e n t	M a t u r e (s t a l e ?) E n v i r o n m e n t
D e c e n t r a l i z e d E n v i r o n m e n t a l S u p p o r t	C e n t r a l i z e d A p p l i c a t i o n S u p p o r t



Post-Implementation Considerations for C/S Applications

- More Platforms ==> More Skills and Cross-Training Required
- Methodology and Processes should be Standardized across Platforms/Technologies
- Reduction in Size of Production Barriers
- Increased Support Requirements and Complexity

Wrap-Up, Questions and (hopefully) Answers

