

# **Project Assessment** & Review Process

February/March 2004

# Presented by the IS Project Practices & Methods Group

- Randy Forester, x4390
- Mark Dattoli, x3814

The Project Assessment & Review Process

# **Outline**

#### Part 1

• Project Management 101

-Projects, Phases & Gates, Benefits

#### Part 2

- IS Project Assessment & Review
  - Overview of the 5 Phases
    - Concept
    - Insight
    - Prioritization
    - Business Case
    - Project Selection
  - Objectives, Gates, Inputs & Outputs
  - Summary Diagram
  - Overall Flow Diagram
  - Routes through the Process

#### Part 3

- Details of the 5 Phases
  - Purpose
  - Inputs & Outputs
  - Process Flow
  - Roles & Responsibilities

#### Part ⊿

- When would you use this Process?
- Using Request Central

# **Objectives**

At the end of this session, you will:

- Understand the importance of a standard Project Assessment & Review process
- Know the 5 phases through which requests proceed in the process
- Understand which requests go through the process and which do not
- Be able to use Request Central to move requests through the process



# Part 1: Review Project Management 101

Review: Project Management 101

# What is a Project?

A temporary endeavor undertaken to create a unique product, service, enhancement, deliverable, or result.

What is Project Assessment & Review?

A Phase & Gate process used to move a new request from a simple idea to a formal project authorization.

# What is a Phase & Gate process?

"Phase & Gate" is a widely employed process that divides effort into distinct timesequenced phases separated by management decision gates. Multifunctional teams must successfully complete a prescribed set of related cross-functional tasks in each phase prior to obtaining management approval to proceed to the next phase of the process

#### **Phases**

Phases are where the action occurs.

The players on the project team undertake key tasks to gather information needed to advance the project to the next gate or decision point.

#### Gates

Preceding each phase is a decision point or gate which serves as a Go/Kill and prioritization decision point. Gates provide the funnels where mediocre projects are culled out and resources are allocated to the best projects.

#### Review: Project Management 101

# What are the benefits of Project Assessment & Review?

- Puts discipline into an otherwise ad-hoc, chaotic process.
- Provides improved focus via gates, where poor projects are killed and efforts can be redirected to more promising projects.
- Ensures a complete process no critical errors of omission and no missing steps.
- Builds the voice of the customer into new projects.
- The process is visible, relatively simple, and easy to understand and communicate.
- The requirements are clear: expectations of teams and leaders at each phase and gate are spelled out.
- Phase-Gate manages business risk by breaking resource commitments into increments or phases.
- Clearly defined gates with pre-specified deliverables mean faster decision-making.

#### The result:

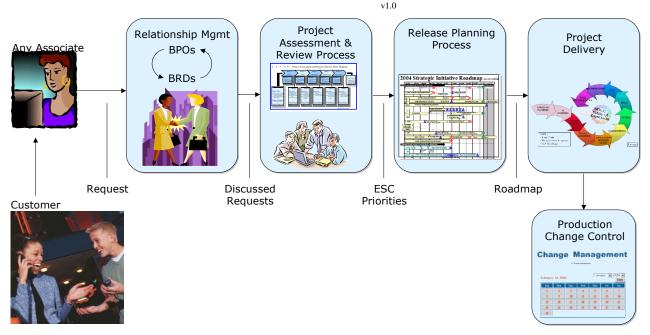
A more effective, efficient, faster process that produces more successful projects!



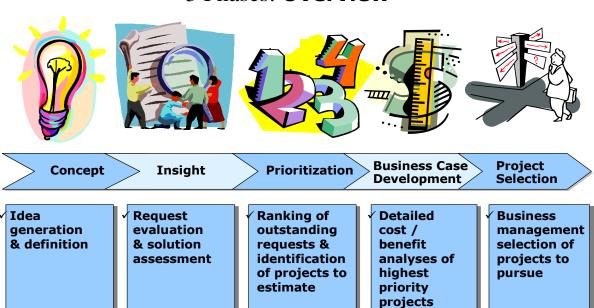
# Part 2: Project Assessment & Review

# Project Assessment & Review: Context Diagram

# Project Assessment and Review Process: Context Diagram $_{v1.0}$

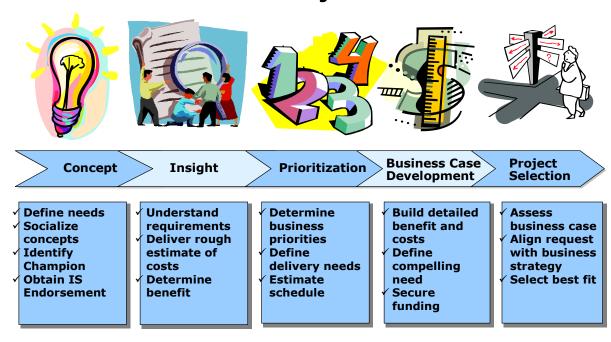


#### 5 Phases: **Overview**

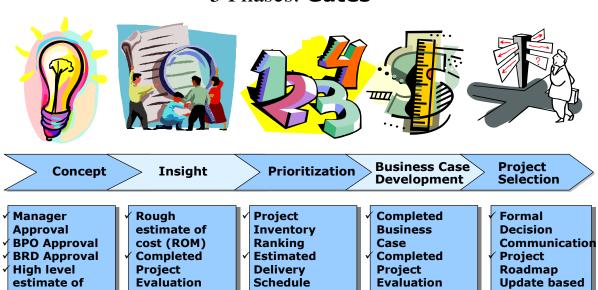


#### Project Assessment & Review: Five Phases

# 5 Phases: **Objectives**



#### 5 Phases: Gates



#### Project Assessment & Review: Five Phases

(top requests)

Form

# 5 Phases: Inputs & Outputs



#### Inputs

#### **Request Types**

benefit

High level

requirements

- ✓ New system functionality
- ✓ Enhancement to existing system functionality

Form

**Project** 

Completed

Assessment Calculation

√ Major system performance enhancements

#### **Request Mechanism**

✓ IS Request Central

#### **Request Submission**

√ Any USC Associate

#### **Outputs**

on Estimated

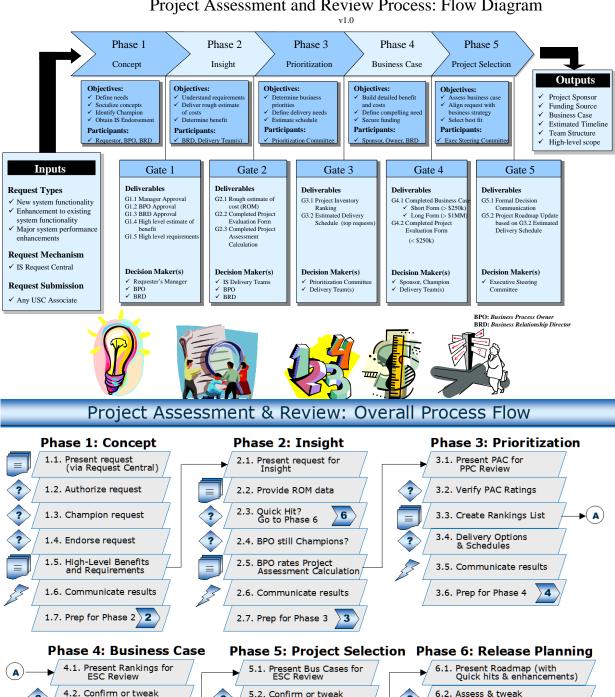
Delivery

Schedule

- ✓ Project Sponsor
- ✓ Funding Source
- √ Business Case
- ✓ Estimated Timeline
- ✓ Team Structure
- √ High-level scope

#### Project Assessment & Review: Overview Diagram

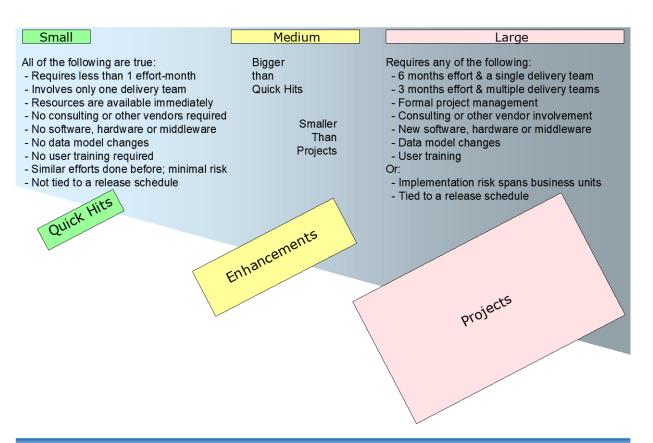
#### Project Assessment and Review Process: Flow Diagram



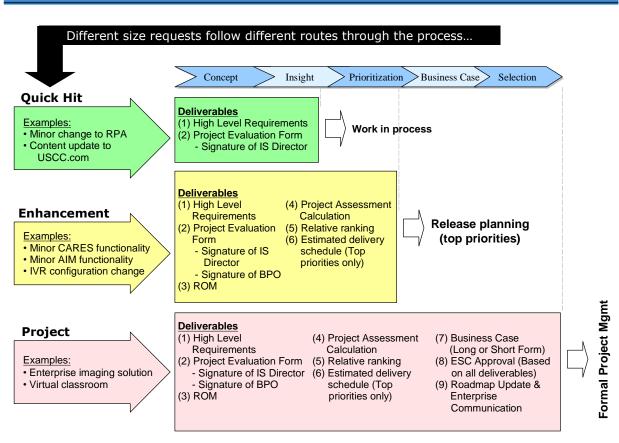


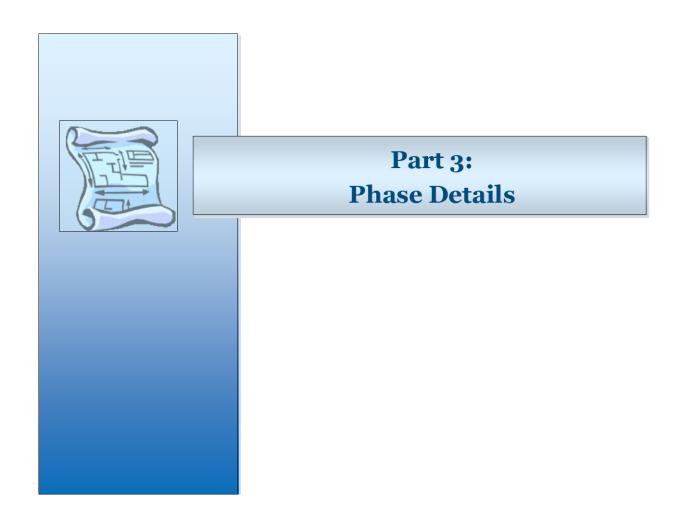


#### Project Assessment & Review: Request Sizes



## Project Assessment & Review: Request Sizes





# Phase 1: Concept — Purpose

Concept

Phase 2 Insiaht

Phase 3 Prioritization Phase 4 Business Phase 5 Project Selection

To move an initial idea or request through these steps:

- Documentation in Request Central database
- Awareness of and agreement to request by:
  - Requester's manager,
  - Appropriate BPO, andAppropriate BRD
- Appropriate negotiations with regard to request scope
- High-level statement of requirements
- High-level assessment of benefits

#### Phase 1: Concept — Inputs & Outputs



# Inputs

Request submitted in Request Central



#### Outputs

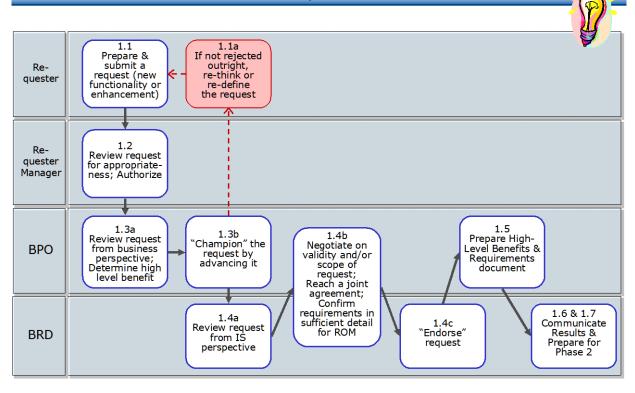
High-level requirements



#### High-level estimate of benefits



# Phase 1: Concept — Process Flow



Phase 1: Concept — Roles & Responsibilities									
			15	<u> </u>	^ /	<u> </u>	on	^ <i>/</i> .	
Type Step Role	: Requ	Remana	oder Bro	BRD	SO TEAM	ns Prioritizat	Lee Les	Project Office (Pr	Projecter Manager
1.1. Present request (via Request Central)	R	D							
1.2. Authorize request	D	R,S	D						
? 1.3. Champion request (*)	D	D	R,S	D					
1.4. Endorse request	D	D	D	R,S					
1.5. High-Level Benefits and Requirements	D	D	R	D,A					
1.6. Communicate results	С	С	С	R	С			С	
1.7. Prep for Phase 2	D	D	D	R				F	

<sup>\*</sup> For requests impacting Operations, a 2<sup>nd</sup> BPO approval is given here (at the VP level)

Types	Responsibility Codes				
? Gate; Decision Communication of results Deliverables; Documents Prepare for & proceed to Phase n	<ul> <li>F: Facilitate</li> <li>C: Copied on result</li> <li>A: Agree to</li> <li>R: (Primary) Responsibility</li> <li>D: Discuss; Provide input</li> <li>S: Sign off; Approve</li> </ul>				

# Phase 2: Insight — Purpose



# To assess a request in these ways:

- Identify all areas that would be involved in the solution
- Quickly assess a rough cost to implement the request
- Identify those requests that could be quickly done
- Quantify the business importance of each request using an objective rating system

# Phase 2: Insight — Inputs & Outputs



#### Inputs

#### High-level requirements

. Document Revision	History		
Date first submitted:		Date last revised:	
Cament revision #:	1.0	Document status:	Draft: [X] Pinat [
Identification Section	on		
Request Central #:	MC00000000		
Project/Request Name:	Project		
Document author:	Author		
BRD/BRM	BRD		
BPO:	BPO		
Stakeholders:	Stakeholders		
3 <sup>rt</sup> Party participants:	Participants		
Budget Availability:	Budget		
Systems impacted:	[] CARES [] AM [] Ped	al [] Mars [] Nercore [] Int	ornet [] Intranet
	[] Other please list:		
Business units impacted:	[X] IS [[Maduating [] Co	stomer Senice [] Engineering	1
	[] Training [] Finance []	Legal [Security [Sales	
	Other - please list		

High-level estimate of benefits



#### Outputs

#### Rough Order of Magnitude (ROM)



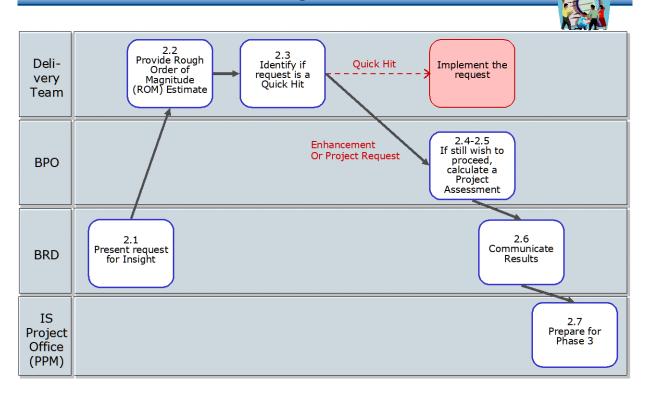
#### Project Evaluation Form (First Pass)



#### Completed Project Assessment Calculation



# Phase 2: Insight — Process Flow



Phase 2: Insight — Roles & Responsibilities									
			15	^ /	<u> </u>	<u> </u>	on	K	
Type Step Role	: Requ	ester Reguest	elet bloc	BRD	Tear Tear	ns Prioritizat	itee Les	Project Project	Project et
2.1. Present request for Insight				R				F	
2.2. Provide ROM estimate					R			F	
2.3. Identify Quick Hit 6			А	D	R,S			F	
2.4. Decide to proceed	D	D	R						
2.5. Rate Project Assessment Calculation	D	D	R					F	
2.6. Communicate results	С	С	С	R	С	С		F	С
2.7. Prep for Phase 3				D	D			R	

Types	Responsibility Codes					
Gate; Decision  Communication of results  Deliverables; Documents  Prepare for & proceed to Phase n	<ul> <li>F: Facilitate</li> <li>C: Copied on result</li> <li>A: Agree to</li> <li>R: (Primary) Responsibility</li> <li>D: Discuss; Provide input</li> <li>S: Sign off; Approve</li> </ul>					

#### Phase 3: Prioritization — Purpose

Phase 1
Concept

Phase 2
Insight

Phase 3
Prioritization

Phase 4
Business
Case

Phase 5
Project
Selection



For all requests that have been objectively scored for business importance, perform these steps:

- Have an appropriate team of business managers rank the requests against themselves
- Merge this Rankings List with currently active projects and the previously ranked projects awaiting kickoff
- Identify project interdependencies based on business and technical factors
- Draft a very-preliminary, long-range schedule for project implementation

#### Phase 3: Prioritization — Inputs & Outputs



#### Inputs

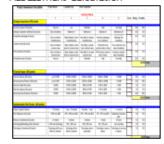
Rough Order of Magnitude (ROM)



Project Evaluation Form (First Pass)



Completed Project Assessment Calculation



Outputs

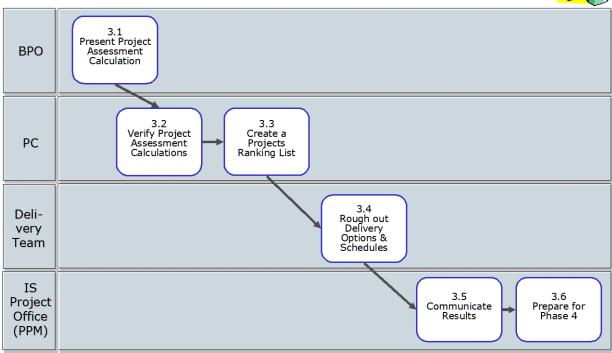
Project Inventory Ranking



Estimated Delivery Schedule

# Phase 3: Prioritization — Process Flow





PC: Prioritization Committee

Phase 3: Prioritization — Roles & Responsibilities									
Type Step Role	e Requi	Remark Remark	el's	BRID	SD	Promile	itee ESC	Project Office of	Projecter Projecter
,, , , , , , , , , , , , , , , , , , ,	1	A MO				6/2011			Mai
3.1. Present Project Assessment Calculation	/		R					F	
3.2. Verify PAC Ratings						R		F	
3.3. Create Rankings List						R		F	
3.4. Rough out Delivery Options & Schedules		D	D,A	D,A	R			F	
3.5. Communicate results	С	С	С	F	С	С		R	С
3.6. Prep for Phase 4			D	D	D			R	

Туреѕ	Responsibility Codes					
Gate; Decision  Communication of results  Deliverables; Documents  Prepare for & proceed to Phase n	F: Facilitate C: Copied on result A: Agree to	<ul><li>R: (Primary) Responsibility</li><li>D: Discuss; Provide input</li><li>S: Sign off; Approve</li></ul>				

#### Phase 4: Business Case — Purpose

Phase 1
Concept

Phase 2
Insight

Phase 3
Prioritization

Phase 4
Business
Case

Phase 5
Project
Selection



# For the highest-priority requests on the Rankings List:

- Present high-level costs, benefits & rough timeframes to the Executive Steering Committee (ESC)
- Based on ESC feedback, identify the highest-priority requests that need to have more detailed Business Cases written
- For those requests, develop the Business Cases, forming teams to develop them where necessary

#### Phase 4: Business Case — Inputs & Outputs

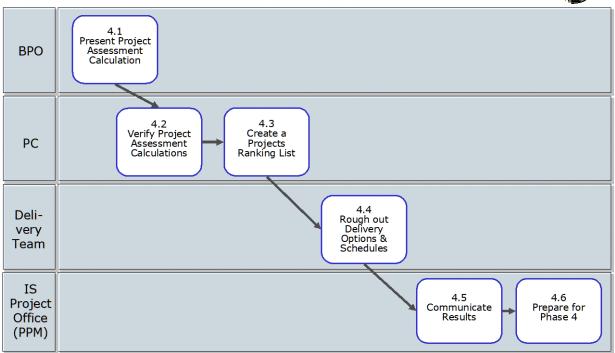


# Project Inventory Ranking \*\*Display\*\* The state of the s

#### **Outputs Business Case Business Initiative Definition** A. Business Initiative Summary 1. Business Case Name 2. Business Case Ownership Name The coordinator of the business case developmen 3. Business Initiative Description Select the Strategic Capital Spending Category (Double click the box and select Default Value "Check Mandates Obsolescence Growth in Existing Markets Base Business Support Growth in New Markets Risk Management New Products/ Service Customer Satisfaction Productivity Increases 4. Financial Summary Length of financial models (in years)

# Phase 4: Business Case — Process Flow





PC: Prioritization Committee

Phase 4: Business Case — Roles & Responsibilities									
Type Step Role	: Requi	Remark	del Bro	BRD	Spar	ns Promini	ide fisc	Project Office of	Project et
4.1. Present Rankings List for ESC Review			F	F	F			R	
4.2. Verify Rankings							R		
4.3. Develop Business Cases	D	D	D,S	R	D,S			С	D
4.4. Communicate results								R	С
4.5. Prep for Phase 5								R	

Types	Responsibility Codes				
Gate; Decision  Communication of results  Deliverables; Documents  Prepare for & proceed to Phase n	<ul> <li>F: Facilitate</li> <li>C: Copied on result</li> <li>A: Agree to</li> <li>R: (Primary) Responsibility</li> <li>D: Discuss; Provide input</li> <li>S: Sign off; Approve</li> </ul>				

#### Phase 5: Project Selection — Purpose

Phase 1
Concept

Phase 2
Insight

Phase 3
Prioritization

Phase 4
Business
Case

Phase 5
Project
Selection



For those highest-priority requests that have had Business Cases developed:

- Have the appropriate business manager present the Business Case to the Executive Steering Committee
- Obtain ESC feedback on Business Case details
- Obtain ESC feedback on relative priority of projects
- Update the USCC Project Roadmap and communicate its updates across the organization

#### Phase 5: Project Selection — Inputs & Outputs



Inputs	
Business Case	
Business Initiative Del	inition age 3 of 11
Initiative Name:	
A. Business Initiative Summary  1. Business Case Name  2. Business Case Ownership Name: [The coordinator of the business case development]	
3. Business Initiative Description	
Scope  Select the Strategic Cepital Spending Category Shubb click the box and aniect Default Value "Checked")  Mandale's Checked Consenses Growth in Existing Markets Base Business Support Growth in New Markets Risk Management New Productiv Service Customer Satisfaction Productivity Increases	
Financial Summary     Length of financial models (in years):	

# Outputs

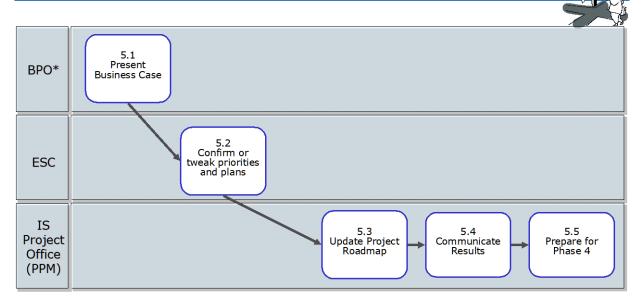
#### Formal Decision Communication

Martin Company of the Company o
* Contraction Contraction Co. Asserted
1 1250-40-8
* Back
· ·
A Taka Magilian
Dynamically Speaking
Name of the last
3.3 Orlinor Successfully System & Press, Novice Problems
As Boundard St. 199, F. S. P. S. S. Samuel M., Ingdom at White States And St. 1997, S. S. Salangar
place forms. And present any electric terms of the charge and place is the charge and the charge and the charge place is the charge and the c
the second secon
AN ARROY OF A CONTROL OF THE PROPERTY OF A CONTROL OF THE ARROY OF THE
THE RESIDENCE OF THE PARTY OF T
CONTRACT STATE OF THE PROPERTY
Delevera desaire Palmodella Kannas Esse

#### Updated Roadmap



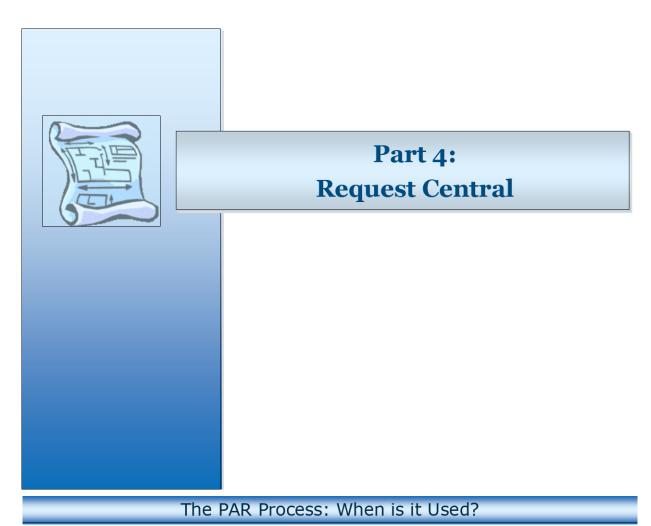
# Phase 5: Project Selection — Process Flow

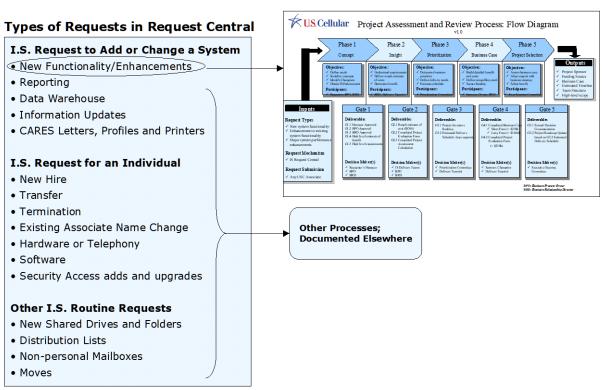


BPO\*: Business Process Owner (or Project Sponsor, if identified) ESC: Executive Steering Committee

Phase 5: Project	Selec	ction	— Ro	oles 8	& Res	spons	sibilit	ies	
	/	xet x	ers /	<b>\</b> /	^	A.	ion		
Type Step Role	2: Redu	Request	del Bro	PARO PARO	Tear Tear	Prontizati	ESC FESC	Project Office (Pr	Projecter Manager
5.1. Present Business Case			R	D,F					
5.2. Confirm or tweak Priorities							R		
5.3. Update Project Roadmap								R	
5.4. Communicate results								R	
5.5. Prep for Phase 6								R	

Types	Responsibility Codes
Gate; Decision  Communication of results  Deliverables; Documents  Prepare for & proceed to Phase n	<ul> <li>F: Facilitate</li> <li>C: Copied on result</li> <li>A: Agree to</li> <li>R: (Primary) Responsibility</li> <li>D: Discuss; Provide input</li> <li>S: Sign off; Approve</li> </ul>





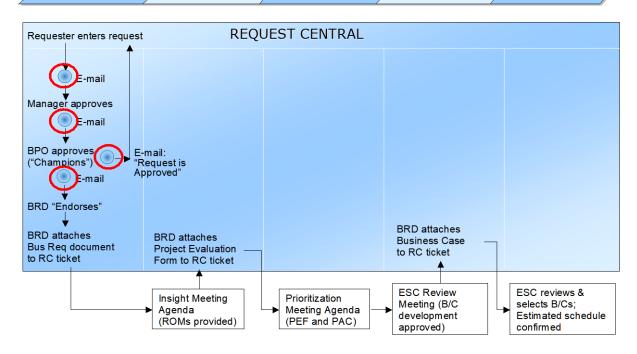
#### The PAR Process in ISRC

# Phase 1 Concept

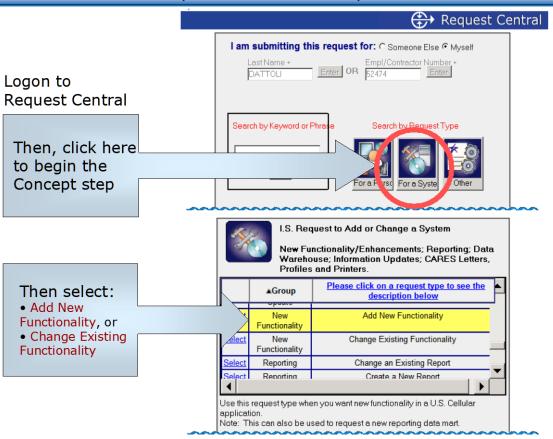
Phase 2 Insight Phase 3
Prioritization

Phase 4
Business
Case

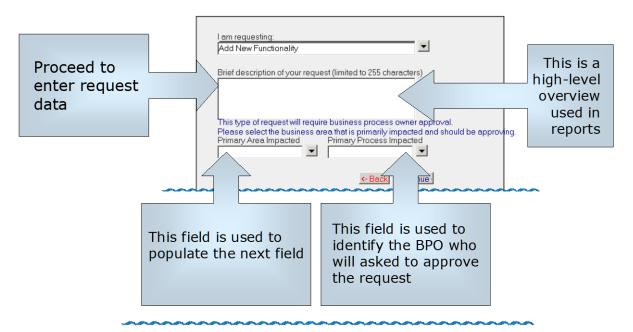
Phase 5
Project
Selection





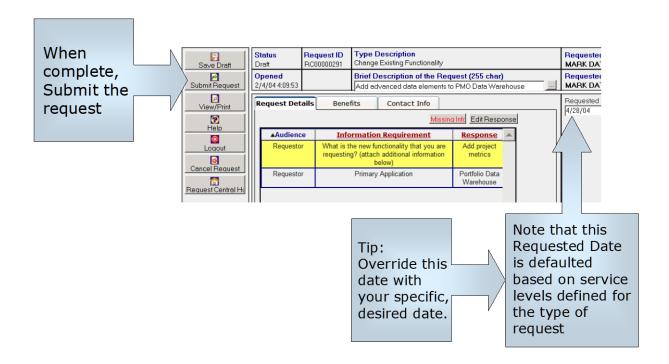


#### Request Central: Concept Initiation

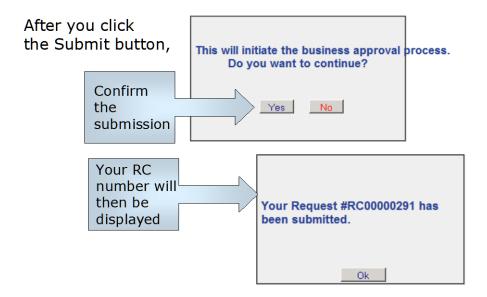


- As you enter data, answer any questions that you may be promted for.
- Then, verify the contact data.

## Request Central: Concept Initiation



#### Request Central: Concept Initiation



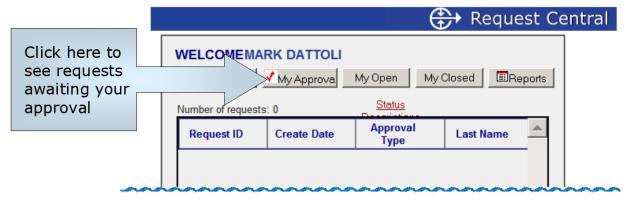
This completes the request submission. Request Central will e-mail your manager for approval; after which the appropriate BPO will be e-mailed for their approval.

—— At this point, the ISRC system tags the request as "Approved." ——

Then, the appropriate BRD will be e-mailed to give their Endorsement.

## Request Central: Championing a Request

A BPO will "champion" a request using the standard approval process in Request Central.



# Request Central: Endorsing a Request

A BRD will "Endorse" a request using the Control Panel in Request Central.

