



PARS II Project Team

OECEM PARS II Working Group Oversight & Assessment Module April 30, 2009

Created by: EES/Dekker PARS II Team



Agenda

- Obtain consensus on screen data elements
- Screens to be covered in this meeting are:
 - PARS II Roles & Access Rights
 - Budget (Requirements & Discussion)
 - Gold Card



Roles & Access Rights

- List of Group Names
- Business Rules (draft)
- Two Security Models
- Supporting Details



Group Names

- Federal Project Director
- Deputy Federal Project Director
- OECM Senior Management
- OECM Analyst
- Alternate OECM Analyst
- Contracting Officer Rep.
- Interested Party
- Federal Program Manager
- Program Manager
- Program Analyst
- Program Point of Contact
- Acquisition Executive
- Contractor Project Mgr. (CPP)
- Contractor Analyst (CPP)



Business Rules (Draft)

1. OECM Analyst can view and update all projects.
2. OECM Senior Management can view all projects.
3. Program can view and update projects within Program.
4. FPDs can view and update only their assigned projects.
5. OECM and Program can see FPD's data (look down).
6. FPD can see Program and OECM data (look up).
7. A user group (OECM) cannot enter or over-write data in data elements owned by another user group (FPD, PO).
8. Only PARS System Administrator can "delete" a project.
9. Deleted projects are "hidden" (stored in database but unavailable to users and PARS user functions).
10. PARS II contractors cannot access PARS II O&A data.



Access Rights

- Priorities for implementing access rights are: security must provide flexibility for future changes and must support business rules.
- Responsibility for updating data elements is currently assigned at the data element level (see Proposed Data Elements).
- In PARS II, access rights can be assigned at the screen level or at the business function level (Dekker prefers function level).
- A business function is a group of related data elements, such as KPPs, BCPs, Monthly Status, CD updates.
- Proposing two models: (1) by screen or (2) by function.



Two Access Models

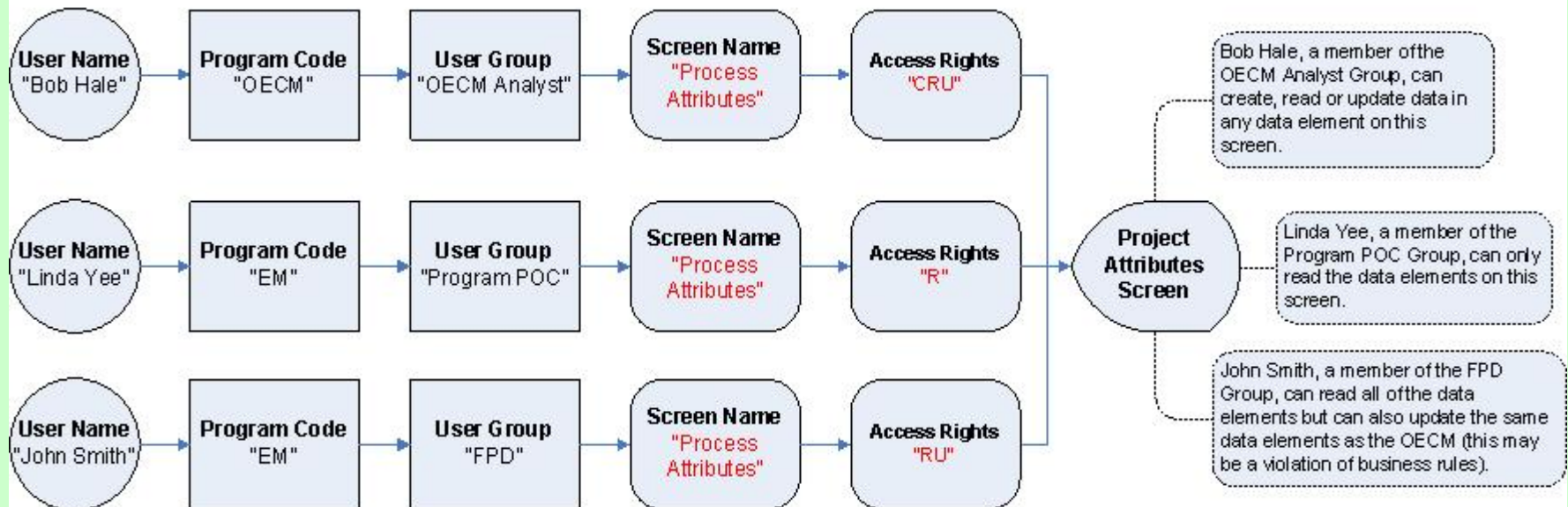
- **Screen Level** – access rights to data elements are set at the screen level and by User Group. This means that each User Group can have different (or identical) access rights to the entire set of data elements on the screen.
 - Pros: easy to implement
 - Cons: users from one group can update data elements owned by another group.
- **Function Level** – access rights to data elements are set at the function level and by User Group. This means that each User Group can have different (or identical) access rights to business functions on the screen. Business functions are collections of data elements that have similar business requirements, such as KPPs or CD Plan & Actual dates.
 - Pros: Enforces business rules for ownership of data (e.g., permits User Groups to update only those data elements that they own).
 - Cons: takes more time to set up



Screen Level Model

Security at the "Screen and User Group Level"

In this model, "CRUD" access rights are assigned at the intersection of the Screen Name and the User Group Name. Therefore, different User Groups can have different access rights for a particular screen. This model works well when all of the screen's "updatable" data elements are owned by one User Group. The model does not work as well when the different user groups have the same access rights to the screen (e.g., OEMC = CRU, FPD = RU) and can update each others data elements.





Screen Level Security

Role / Screens	Initiating a Capital Program	Project Attributes	CD-0	CD-1	CD-2	CD-3A	CD-3	CD-4
OECM Analyst	CRU	CRU	CRU	CRU	CRU	CRU	CRU	CRU
Alternate OECM Analyst	CRU	CRU	CRU	CRU	CRU	CRU	CRU	CRU
Federal Project Director	R	CRU	CRU	CRU	CRU	CRU	CRU	CRU
Deputy Federal Project Director	R	CRU	CRU	CRU	CRU	CRU	CRU	CRU
Federal Program Manager	R	R	R	R	R	R	R	R
Program Manager	R	R	R	R	R	R	R	R
Program Analyst	R	R	R	R	R	R	R	R
Program Point of Contact	R	R	R	R	R	R	R	R
Acquisition Executive	R	R	R	R	R	R	R	R
Contracting Office Representative	R	R	R	R	R	R	R	R
Contractor Project Manager	-	-	-	-	-	-	-	-
Contractor Analyst	-	-	-	-	-	-	-	-
Interested Party	-	-	-	-	-	-	-	-



Screen Level Security (cont)

Role / Screens	Closeout	BCP	Monthly Status - FPD	Monthly Status - Program	Monthly Status - OEMC	Project Contact Assignments	KPPs	Attachments
OEMC Analyst	CRU	CRU	R	R	CRU	CRU	CRU	CRUD
Alternate OEMC Analyst	CRU	CRU	R	R	CRU	CRU	CRU	CRUD
Federal Project Director	R	R	CRU	R	R	R	R	CRUD
Deputy Federal Project Director	R	R	CRU	R	R	R	R	CRUD
Federal Program Manager	R	R	R	CRU	R	R	R	CRUD
Program Manager	R	R	R	CRU	R	R	R	CRUD
Program Analyst	R	R	R	CRU	R	R	R	CRUD
Program Point of Contact	R	R	R	R	R	R	R	R
Acquisition Executive	R	R	R	R	R	R	R	R
Contracting Office Representative	R	R	R	R	R	R	R	R
Contractor Project Manager	-	-	-	-	-	-	-	-
Contractor Analyst	-	-	-	-	-	-	-	-
Interested Party	-	-	-	-	-	-	-	-



Screen Level Security (cont)

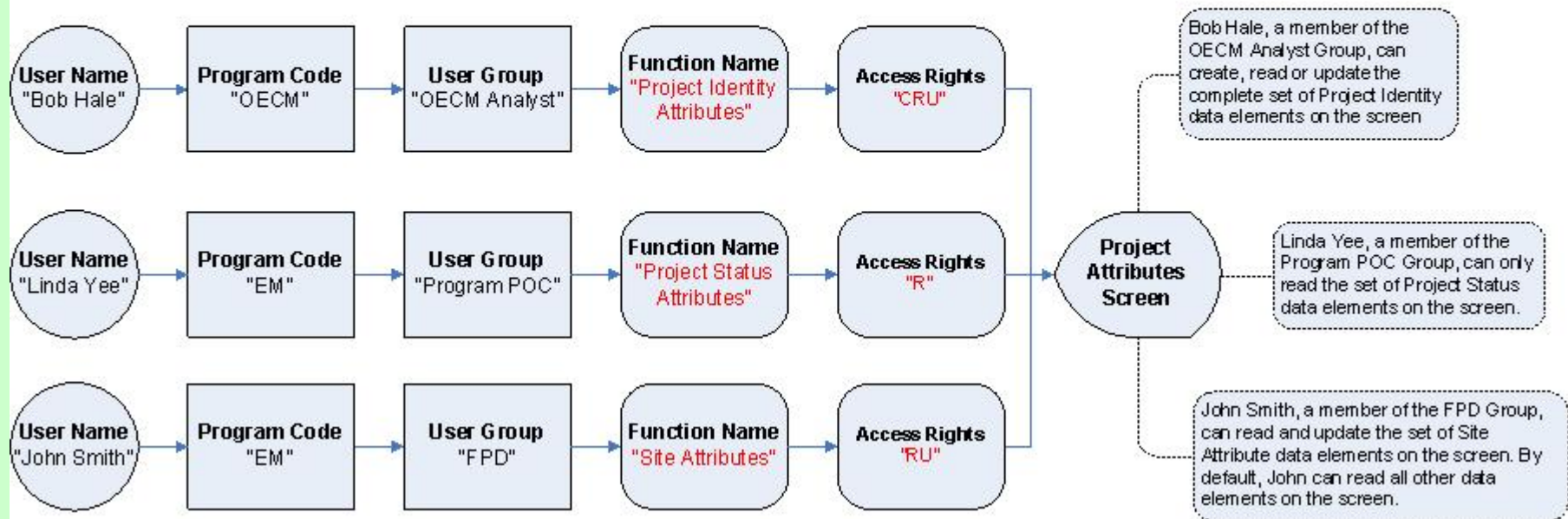
Role / Screens	CD/Project Overview
OECM Analyst	R
Alternate OECM Analyst	R
Federal Project Director	R
Deputy Federal Project Director	R
Federal Program Manager	R
Program Manager	R
Program Analyst	R
Program Point of Contact	R
Acquisition Executive	R
Contracting Office Representative	R
Contractor Project Manager	-
Contractor Analyst	-
Interested Party	-



Function-Level Model

Security at the "Function and User Group Level"

In this model, "CRUD" access rights are assigned at the intersection of the Function Name and the User Group Name. Therefore, different User Groups can have different access rights to collections of data elements on the screen (called Functions). This model works well when groups of data elements (functions) on the screen are owned by different user groups and users must "share" a common screen while updating their "owned" data elements. The model does not work well when a user group requires access to specific (un grouped) data elements.





Budget/Funding

PARS II

Selected Project Name

Status Date
Dropdown

Initiate/Update a
Capital Program

Initiate/Update a
Project

Project/CD
Overview

Add BCP

Monthly Status
Reporting

Update Budget

View KPPs

Update Other
Attachments

Funding Profile
Type Dropdown

FY Dropdown

Description	FY x	FY X+1	FY X+2	FY X+3	FY X+...	FY X+n	TOTAL
TEC Design	4,600						4,600
TEC Construction	59,800						59,800
TOTAL TEC	64,400	-	-	-	-	-	64,400
OPC (Excluding D&D)	12,000						12,000
OPC (D&D)	10,000						10,000
TOTAL OPC	22,000	-	-	-	-	-	22,000
TOTAL	86,400	-	-	-	-	-	86,400



Budget Screen Sent by OECM

Funding Profile Type:	IPL	FY	2,009
-----------------------	-----	----	-------

	FYx	FYx+1	FYx+2	FYx+3	FYx+...	FYx+n	TOTAL
TEC Design	4,600						4,600
TEC Construction	59,800						59,800
TOTAL TEC	64,400	-	-	-	-	-	64,400
OPC (excluding D&D)	12,000						12,000
OPC (D&D)	10,000						10,000
TOTAL OPC	22,000	-	-	-	-	-	22,000
TOTAL	86,400	-	-	-	-	-	86,400

- Choices for Funding Profile Type: CD2, IPL, OMB, CBR, BCPxxx
- FY needed only for IPL, OMB and CBR profiles
- Capability needed to compare funding profiles (CD2 vs. BCPxxx)



DOE EVM Gold Card Screen

