



Army Stationing and Installation Plan (ASIP) and Real Property Planning and Analysis System (RPLANS) Training

27 MAY 2004

Transforming Through Base Realignment and Closure

Agenda



- Introduction
- Required Outputs
- Review Previous Training
- Unit “Types”
- Issues
- Practical Exercise

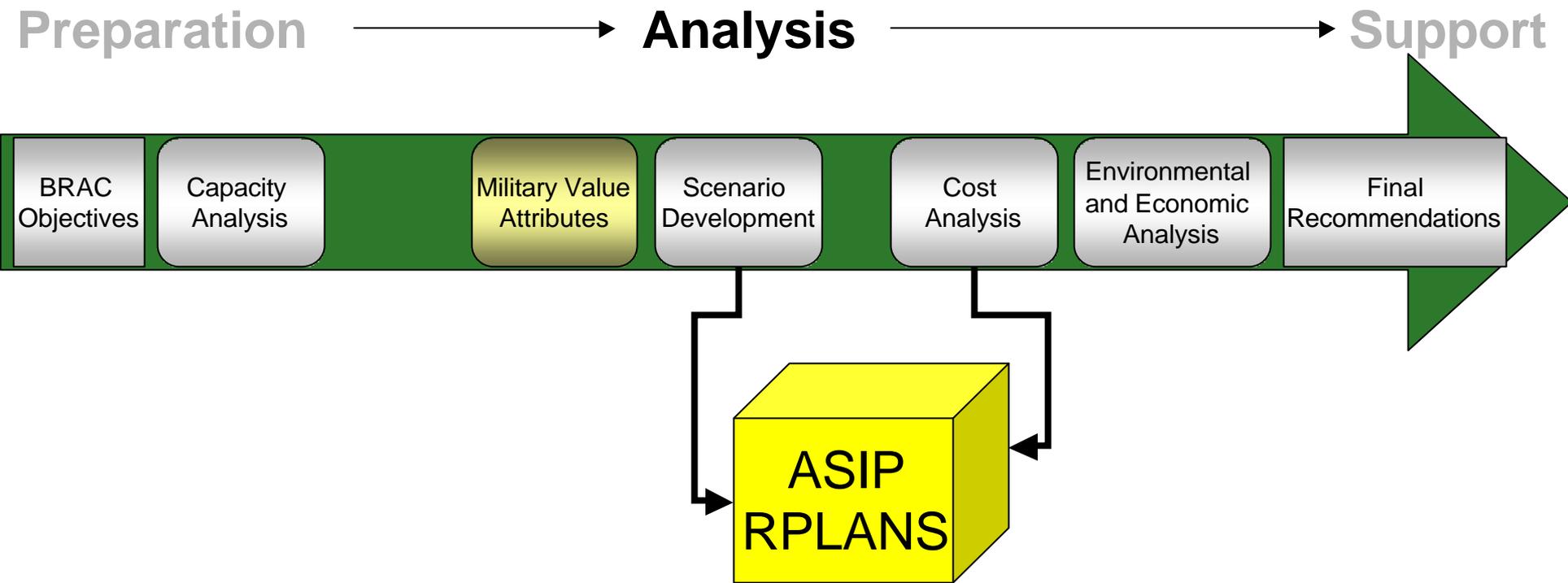


Purpose & Learning Objectives

- Purpose:
 - Familiarize TABS Personnel with ASIP and RPLANS functions used in scenario development.
 - Conduct PE using ASIP and RPLANS in a scenario.
- Learning Objectives:
 - Use ASIP to determine unit populations.
 - Use RPLANS to determine MILCON requirements.
 - Understand the “bridge” to COBRA.



BRAC Analytical Process



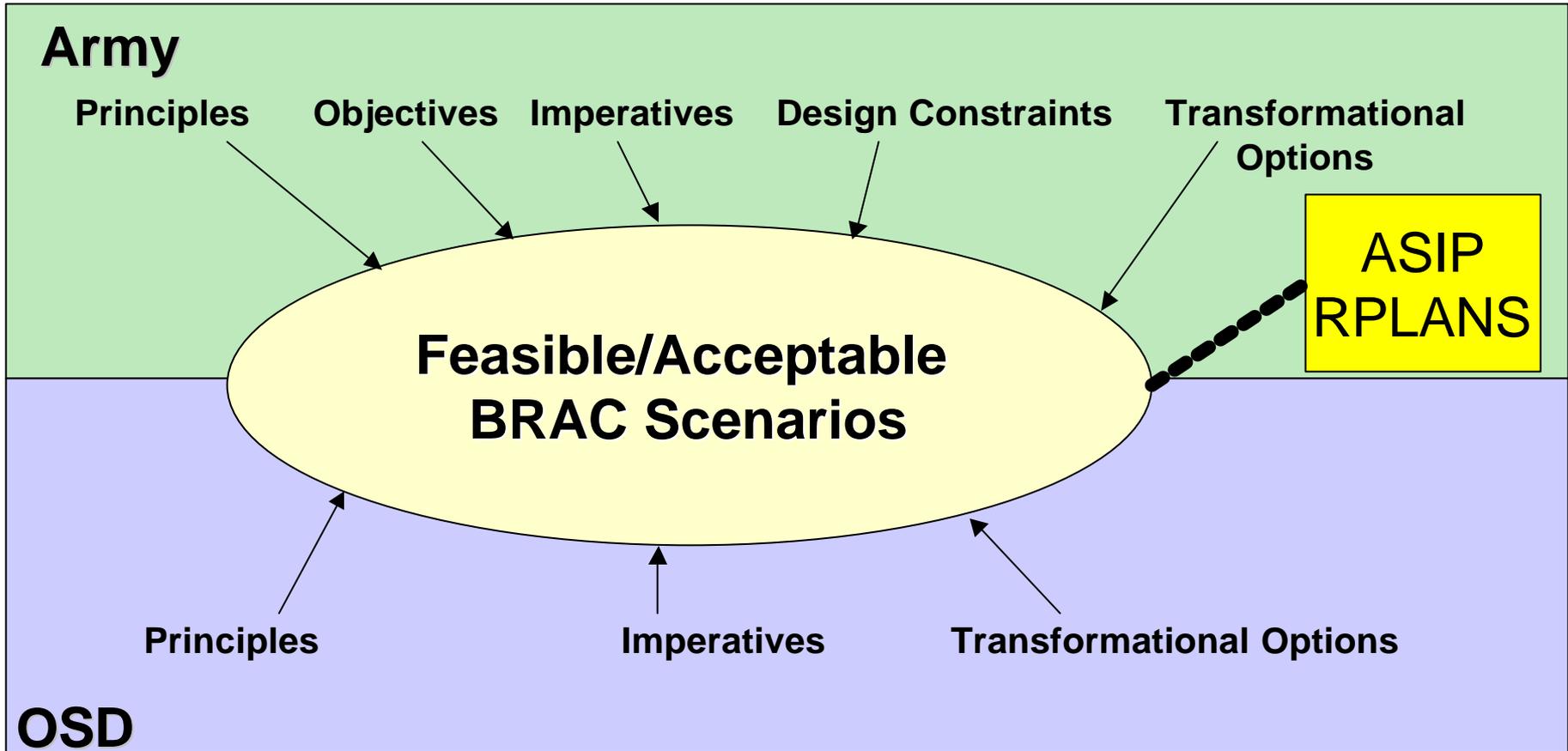
Bridge the gap between Scenario Development and Cost Analysis.

Source: USD (AT&L) Memo to ISG, Subject: Principles and Imperatives, dated 20 April 2004

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Determining Scenarios





Force Structure

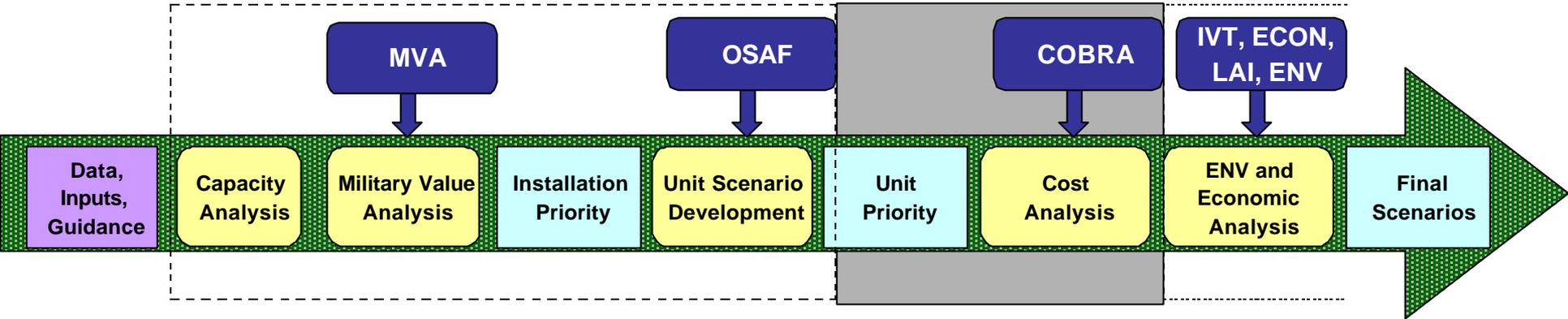
Current Assumptions:

**TA11 with
MACOM inputs**

Hedge for FCS



Prior to Scenario Development



Key Inputs

OSAF

- Essential facilities
- Joint facilities
- Imperatives
- BRAC Objectives
- Standard factors
- Installation data
- Unit requirements

Last Week

ASIP / RPLANS

- Base Population
- Unit Composition
- Capacity
- OSAF
- Experience
- Joint considerations
- JCSG inputs

This Week

Outputs

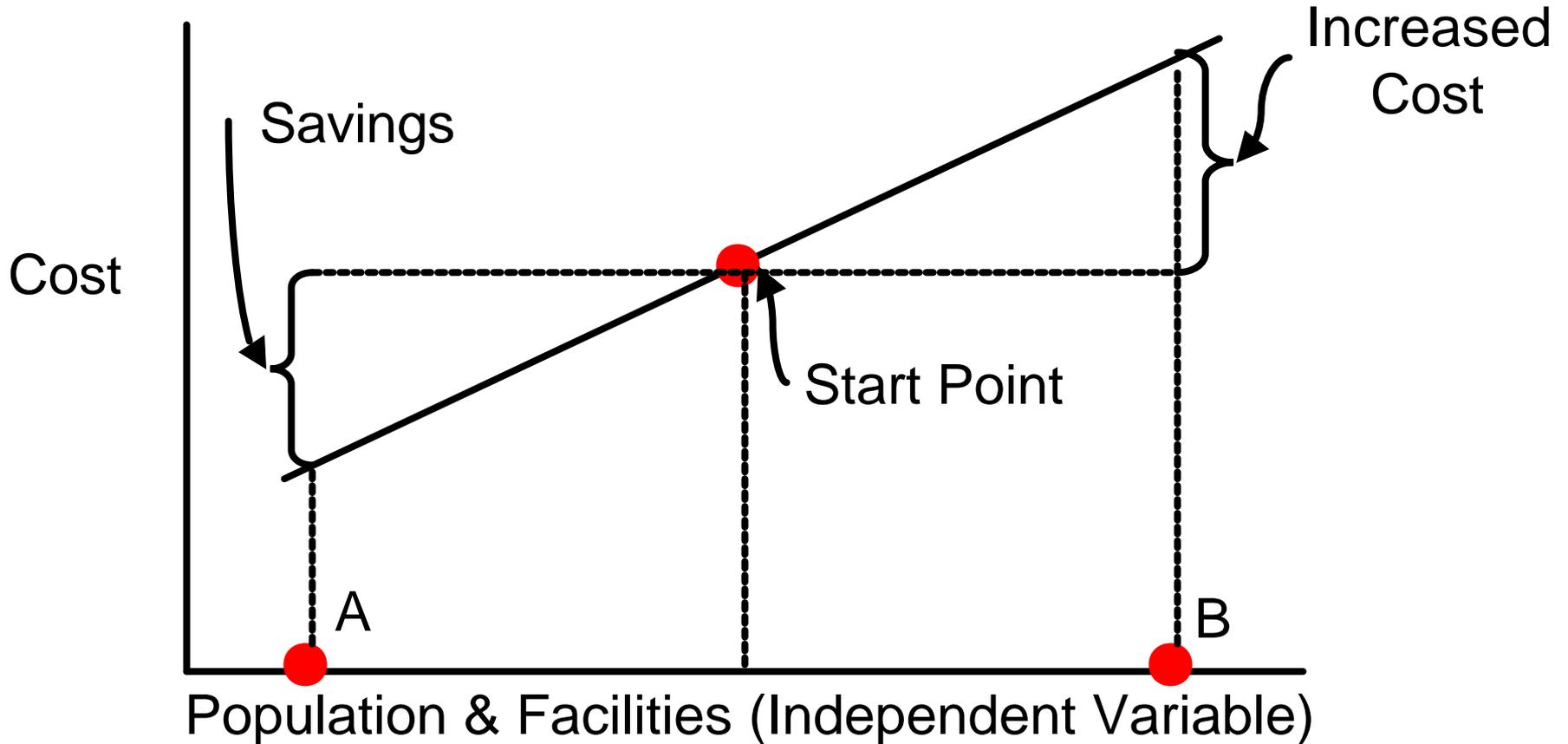
- **Unit Populations and MILCON Requirements**
- Documentation

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Required Outputs

In BRAC cost is the dependent variable



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Independent Variables

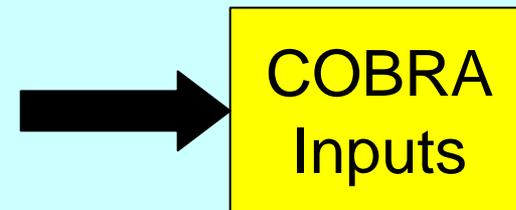
- Population.
 - Moving expenses.
 - Change in base service requirements.
 - Salary eliminations or additions.
- Facilities.
 - MILCON costs.
 - Sustainment.
 - Recapitalization.
- Changes in these two variables drive change in scenario costs.



Analyst Task

- Problem: Relocate a unit
- Given: Major unit with a set of subordinate units
- Assume: Maneuver land requirements considered outside of ASIP/RPLANS

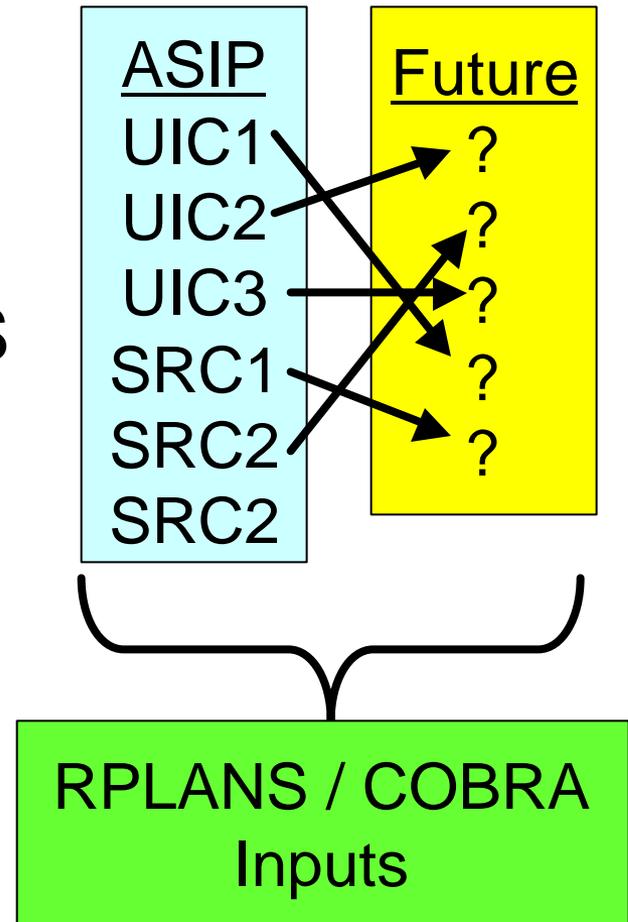
- Required outputs:
 - Unit population
 - Unit MILCON requirements





Relocate a Unit

- ASIP/RPLANS locked at FY03
- Unit “types”
 - Direct from ASIP/RPLANS
 - ASIP UIC’s mapped to transformed unit
 - Notional units developed to simulate transformed units
 - “Pre-developed”
 - Other





ASIP/RPLANS Unit

- Installation ASIP data on J: drive
 - Major unit breakdown structure (draft)
 - MACOM inputs due in June
 - ❖ **Scenario data**
- Required data
 - Officers (included warrant officers)
 - Enlisted
 - Civilians
- Students (UIC begins with I)
 - One input
 - Combines officers, enlisted, and civilians



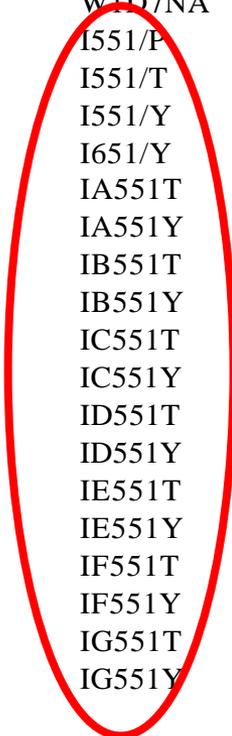
Example

- Move Transportation School from Ft. Eustis to Ft. Lee
- Data required
 - School population using ASIP
 - Required MILCON after stationing using RPLANS



Transportation School Population

UIC	DESCRIPTION	OFF	WOF	ENL	MIL	CIV
W1D7AA	SCH TRANS& AV LOG	69	16	378	463	163
W1D7NA	SCH TRANS& AV LOG	5	1	2	8	0
I551/P	TRANS SCH FT EUSTIS	0	17	0	17	0
I551/T	TRANS SCH FT EUSTIS	0	0	285	285	0
I551/Y	TRANS SCH FT EUSTIS	151	20	58	229	20
I651/Y	NCO ACAD (TRANS)	0	0	106	106	0
IA551T	TRANSPORTATION	0	0	18	18	0
IA551Y	TRANSPORTATION	0	0	2	2	0
IB551T	TRANSPORTATION	0	0	25	25	0
IB551Y	TRANSPORTATION	0	0	9	9	0
IC551T	TRANSPORTATION	0	0	29	29	0
IC551Y	TRANSPORTATION	0	0	5	5	0
ID551T	TRANSPORTATION	0	0	30	30	0
ID551Y	TRANSPORTATION	0	0	4	4	0
IE551T	TRANSPORTATION	0	0	41	41	0
IE551Y	TRANSPORTATION	0	0	3	3	0
IF551T	TRANSPORTATION	0	0	46	46	0
IF551Y	TRANSPORTATION	0	0	9	9	0
IG551T	TRANSPORTATION	0	0	43	43	0
IG551Y	TRANSPORTATION	0	0	6	6	0



↑ Student UICs

Officers	Enlisted	Students	Civilian
91	380	927	163

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MILCON

- RPLANS produces FAC requirements
- FAC types
 - Core → Automatic
 - Utilities
 - Community
 - RangesCase by case
- Proposal for DASA (IA) forthcoming



Transportation School MILCON



- Core FACs are automatically loaded into COBRA
- \$154 million in MILCON (estimate)

FAC	FAC DESCRIPTION	UM	STN NEW CONST (000)	NEW CONST/CONV (\$000)	TOTAL (\$000)
1711	General Purpose Instruction Building	SF	89	16958	16958
1712	Applied Instruction Building	SF	215	46513	46513
1717	Organizational Classroom	SF	13	2259	2259
2111	Aircraft Maintenance Hangar	SF	2	501	501
2141	Vehicle Maintenance Shop	SF	17	3281	3281
6101	Small Unit Headquarters Building	SF	85	16779	16779
6102	Large Unit Headquarters Building	SF	17	3349	3349
7210	Enlisted Unaccompanied Personnel Housing	SF	0	2620	2620
7213	Student Barracks	SF	257	49562	49562
7220	Dining Facility	SF	22	6947	6947
7240	Officer Unaccompanied Personnel Housing	SF	13	2672	2672
8521	Vehicle Parking, Surfaced	SY	61	3426	3426

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MILCON (cont.)



- Utilities
 - Assets = Allowances
 - Requirements generated by unit requirements not installation capacity
- \$19.8 million in utility costs (estimate)

FAC	FAC DESCRIPTION	UM	STN NEW CONST (000)	NEW CONST/CONV (\$000)	TOTAL (\$000)
8111	Electrical Power Source	KW	1711	2136	2136
8121	Electrical Power Distribution Line	LF	165	6177	6177
8131	Electrical Power Substation And Switchin	KV	2139	169	169
8311	Sewage Treatment	KG	291	1600	1600
8321	Sewer And Industrial Waste Line	LF	49	3076	3076
8412	Water Treatment Facility	KG	428	1588	1588
8413	Water Storage, Potable	GA	366	916	916
8421	Water Distribution Line, Potable	LF	66	2953	2953
8442	Water Storage, Non-Potable	GA	480	1200	1200



MILCON Utilities

1. Check utility requirements against installation capacity.
2. If there is sufficient capacity – stop.
3. If there is insufficient capacity – use FAC and construction requirement to build additional utilities (just like any other FAC).



MILCON (cont.)

Community

- Requirements driven by a step function
- Analyst should review to determine whether it is required
- Develop a “rule of thumb” for building

FAC	FAC DESCRIPTION	UM	STN NEW CONST (000)	NEW CONST/CONV (\$000)	TOTAL (\$000)
7333	Open Mess And Club Facility	SF	0	107	107
7345	Exchange Automobile Facility	SF	1	148	148
7347	Bank And Credit Union	SF	1	142	142
7361	Chapel Facility	SF	9	2029	2029
7371	Nursery And Child Care Facility	SF	4	975	975
7372	Family Service Center	SF	2	294	294
7415	Bowling Center	SF	7	1358	1358
7522	Athletic Field	EA	7	1536	1536



MILCON (cont.)



Ranges

- Unit of measure is firing points
- Zero range requires 142 firing points
- Develop a “Rule of thumb” for building

FAC	FAC DESCRIPTION	UM	STN NEW CONST (000)	NEW CONST/CONV (\$000)	TOTAL (\$000)
1751	Zero Range	FP	142	79	79
1752	Field Fire Range	FP	1	21	21
1753	Record Fire Range	FP	3	106	106
1758	Machinegun Range	FP	1	59	59
1764	Heavy Antiarmor Weapon Range	FP	1	3004	3004



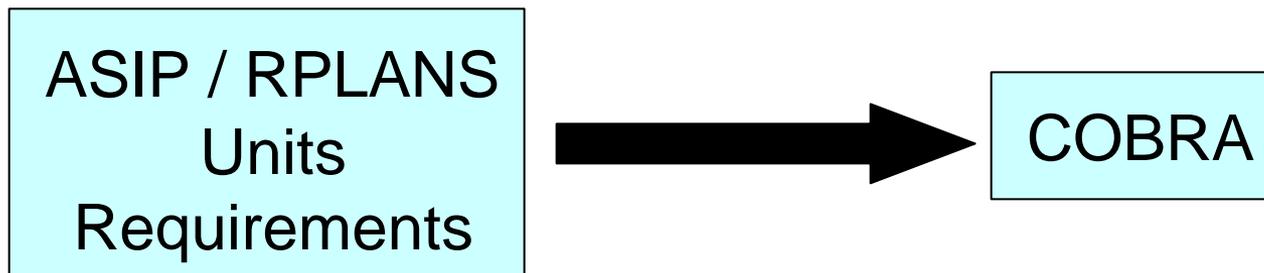
Cumulative Impact

- Individual scenario
 - Core FAC driven
 - Community and utility FAC?
- Cumulative Scenario
 - Sum of all core FACs
 - Detailed analysis of community and utility FACs



Transformed Units

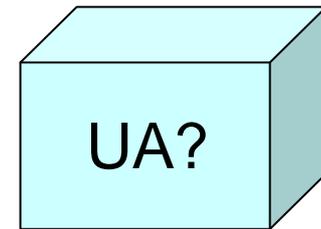
- Transform vs. Dynamic data
- MACOM scrub should close the gap
- Analyst still may have to “build” units for analysis





UIC's Mapped to Transformed Units

- Units transforming to UA structure
 - 3ID is a heavy UA
 - 10 MTN is a light UA
 - Other UA, UE, AUA, and SUA
- Build a UA
 - Attempt to “map” UIC’s to the UA
 - Break up some major units using ASIP
- Installation population is tied to FY03 ASIP
- Station based:
 - Mapped unit
 - Notional unit





Unit Identification Code (UIC)

- *Pos. 1:*
 - "W" = Approved Army UICs
 - "X/G/R" = notional Army units active/National Guard/Reserve respectively
 - "I" = schools
- *Pos. 2 – 4:*
 - Identifies the parent organization of the unit
 - Must not use either letters "I" or "O"
- *Pos. 5 – 6:* Unit description and type of unit:
 - AA = Parent unit (MTOE/TDA)
 - T0 = HQ element of parent (MTOE)
 - P0, S0 = Named specialized sub-unit
 - A0, B0, C0, etc. = Lettered organic companies
- Battalion level units and above have no populations
 - WAKKAA
 - WAKLAA
 - WD80AA



Ft. Drum UA

- Used the Custom Query function.
- Use Show Grand Total to find population.

UIC	UNIT	CO
WAAMA0	SQ CAV SQDN LID	TRP A
WAHQA0	BN 105T LID	BTRY A
WAHQB0	BN 105T LID	BTRY B
WAHQT0	BN 105T LID	HHC
WAKKA0	BN LT	CO A
WAKKB0	BN LT	CO B
WAKKC0	BN LT	CO C
WAKKT0	BN LT	HHC
WAKLA0	BN LT	CO A
WAKLB0	BN LT	CO B
WAKLC0	BN LT	CO C
WAKLT0	BN LT	HHC
WD8YAA	HHC BDE LT	
WDR5A0	BN INF DIV (LT) 10TH	CO A
WEPHA0	BN LID (-)	CO A
WGKHA0	BN DIV MSE	CO A

Officers

144

Enlisted

1764



Station Ft. Drum UA

- Load battalion level UICs into RPLANS.
- Company level units loaded according to SRCs.
- Save the stationing.

	STATIONED UNIT	STATIONED UNIT DESCRIPTION
	-----	-----
SRC	05157A000	ENGR CO ENGR BN INF DIV L
	06126L000	HHS FA BN 105MM LID
	06127L000	FA BATTERY 105MM T LID
	06127L000	FA BATTERY 105MM T LID
	11067L200	AREA SIG CO LID
	17187L000	CAV TRP (LID)
	34357A200	MI CO (DS), MI BN (LID)
		BN LT
UIC	WAKKAA	BN LT
	WAKLAA	BN FSB LID 10MTN
	WD80AA	HHC BDE LT
	WD8YAA	



Create Notional UA

- Start with UA structure
- Map new SRC to an appropriate old SRC
- Units in the UA may not exist on the losing installation
- TABS will develop a standard notional structures (w/ MACOMs / ARSTAFF)
 - UA Light
 - UA Heavy
 - Support UA
 - Aviation UA
 - UE



Light UA

STATIONED
UNIT

STATIONED
UNIT DESCRIPTION

STATIONED UNIT	STATIONED UNIT DESCRIPTION
05157L000	ENGR CO ENGR BN INF DIV L
06102L000	HQB, DIV ARTY, LT INF DIV
06127L000	FA BATTERY 105MM T LID
06127L000	FA BATTERY 105MM T LID
06530FA00	TGT ACQ HQ TEAM
07016L000	HHC INFANTRY BN (LIGHT)
07016L000	HHC INFANTRY BN (LIGHT)
07017L200	RIFLE CO INF BN (LT)
07017L200	RIFLE CO INF BN (LT)
07017L200	RIFLE CO INF BN (LT)
07017L200	RIFLE CO INF BN (LT)
07017L200	RIFLE CO INF BN (LT)
07017L200	RIFLE CO INF BN (LT)
07017L200	RIFLE CO INF BN (LT)
07018L000	ANTIARMOR COMPANY(-)(LID)
07018L000	ANTIARMOR COMPANY(-)(LID)
07457L000	LRS COMPANY, MI BN
11068L200	SIG SPT CO LID
17186L000	HHT CAV SQDN (LID)
17187L000	CAV TRP (LID)
17187L000	CAV TRP (LID)
34117F300	SURVEILLANCE TRP-BCT
34357A200	MI CO (DS), MI BN (LID)
34538AD00	AERIAL SVL TEAM
63215C000	FWD SPT BN, LID
63907L000	FORWARD SPT CO (ABN)
77042L000	HHC INF DIV BDE (LID)
77042L000	HHC INF DIV BDE (LID)

Notional
OFF – 266
ENL - 2878

Actual UA
OFF – 308
ENL - 2957

- Notional ≠ Actual
- Need to standardize
- Can apply to other unit types



RPLANS Issues

- Assets = Allowances
 - Utilities
 - Other A=A FACs
 - Tank plant
 - RTD&E
- Ranges
 - RPLANS unit of measure is firing points
 - Mission Team update in June class
- Some FACs will directly load into COBRA
- Community FACs
- Contract UICs do not generate admin FACs



ASIP Issues

- ASIP and RPLANS do not contain all of the same SRC's.
- Populations are based on FY03 lock.
- Use ASIP “P/C” to find subordinate units.
- Battalion level units do not have population numbers in ASIP.
- Small units unsure of disposition sent to “Base X”.



Other Considerations



Base X

- Notional base
 - Equal distance from every other installation
 - Average BOS
 - No MILCON since the units are small
- Destination for small units that are not eliminated
 - “Rule of Thumb”
 - Generates moving costs
 - COBRA requires all population moved off a closing installation
 - DO NOT eliminate personnel unless a deliberate decision is made to deactivate the unit



Base X Units

Disposition determined during implementation

UIC	DESCRIPTION	OFF	WOF	ENL	MIL	CIV
-----	-----	-----	-----	-----	-----	-----
W4LX03	OFC CONTRACT REG.N	2	0	0	2	30
W4LX13	ACT FORSCOM FLD SPT	0	0	1	1	0
!0UV42	DOD AGY	0	0	0	0	1
W6AZAA	CTR USAE JT DEPL TNG	4	0	0	4	0
W49042	CTR DFAS INDIANAPOLI	0	0	6	6	0
!49042	DOD AGY	0	0	6	6	27
!0UV46	DOD AGY	10	0	0	10	0
A7019	DOD AGY	0	0	0	0	8
W3YB1E	HQ USA FORSCOM	0	0	0	0	1
W0GF33	HQ FORSCOM UNIT SPT	0	0	6	6	0

Are the circled units still required elsewhere?
If the answer is “don’t know” send to Base X



Contractors

- Contract termination costs
 - Housing
 - Utilities
 - Service contracts
- Mission support contracts
 - Streamlined business process – savings from combining activities
 - Privatized missions – contract costs counter personnel reductions
- DO NOT include contract personnel in populations (exceptions)



Contractor Laden Units

- Develop a new RPLANS unit
 - Choose “TDA Type Unit”
 - Choose “03 Tenant TDA”
 - Input contractor population under “other civ”
 - Choose required FAC’s
 - Admin buildings – 6100
 - A=A FACs will not generate a requirement
 - Build MILCON according to losing installation
- Station new unit at gaining installation

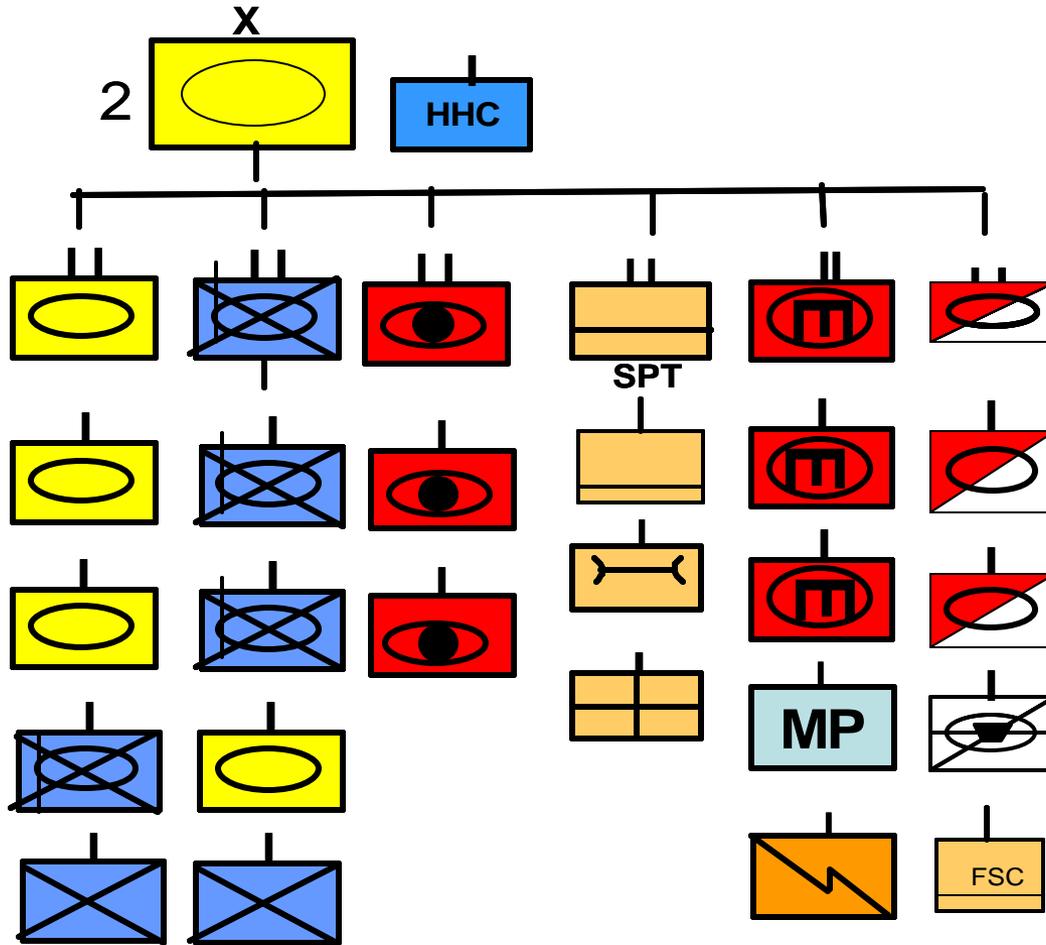


PE

- Using the units in the 3ID at Ft. Stewart
 - Map existing units to a heavy UA
 - Determine population
 - Officers
 - Enlisted
- Station your UA at any location
- Notional for training only



Heavy UA Design Base TOE



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