



CHALLENGES, SUCCESSES, HURDLES IN
**USING TSP IN AN
ENTERPRISE ENGINEERING
ENVIORNMENT**

Approved for public release; distribution is unlimited

What will be covered

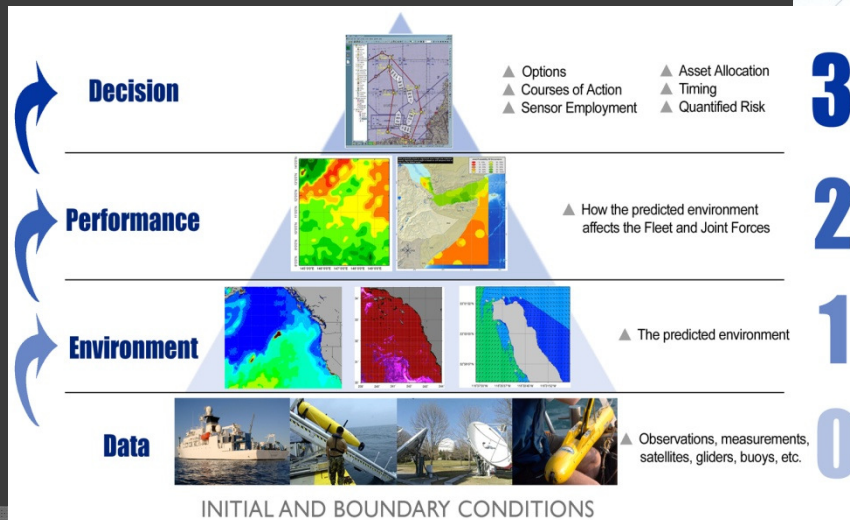
- 30 Thousand Foot View
- Where did we come from
- Our plan on become better...
- How we succeeded!
- How we failed!
- What does it mean to be a success?
- What now?!?

30K Foot View

- Enterprise Change Requests (ECR)
- Life Cycle Support (LCS)
- Direct Tasking (DIR)
- Centralized IT procurement / budget
- Requirements Validation and Endorsement
- Configuration Management
- Information Assurance

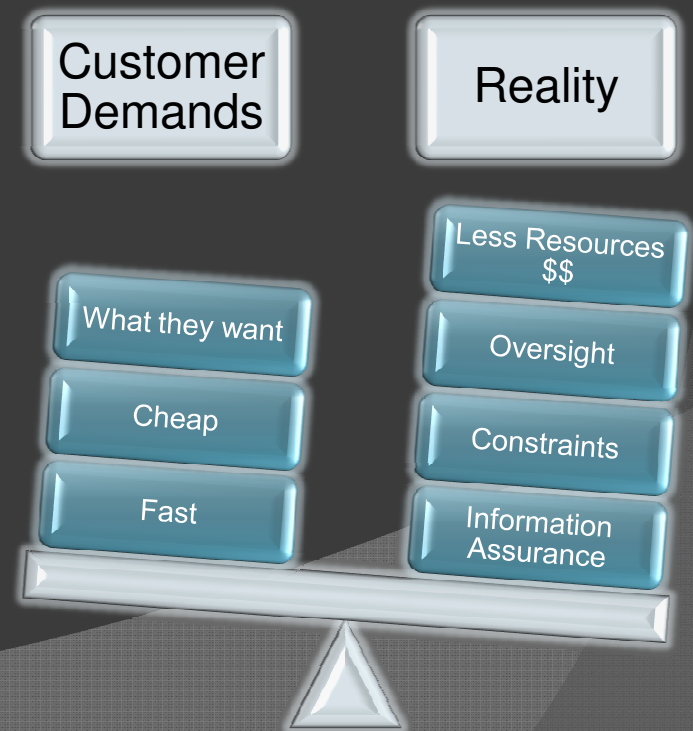


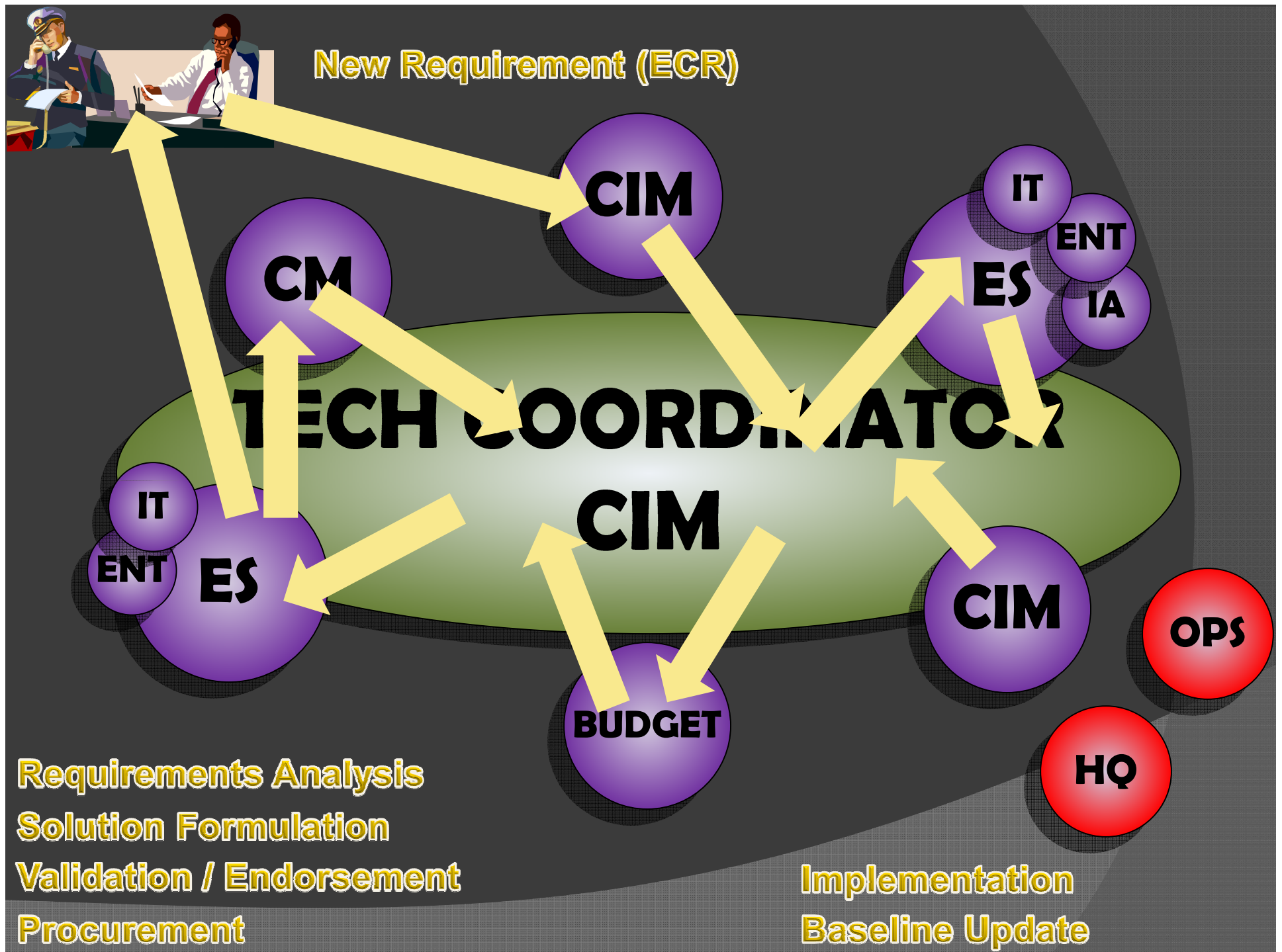
Decision Superiority: Making better decisions faster than the adversary



Where did we come from?

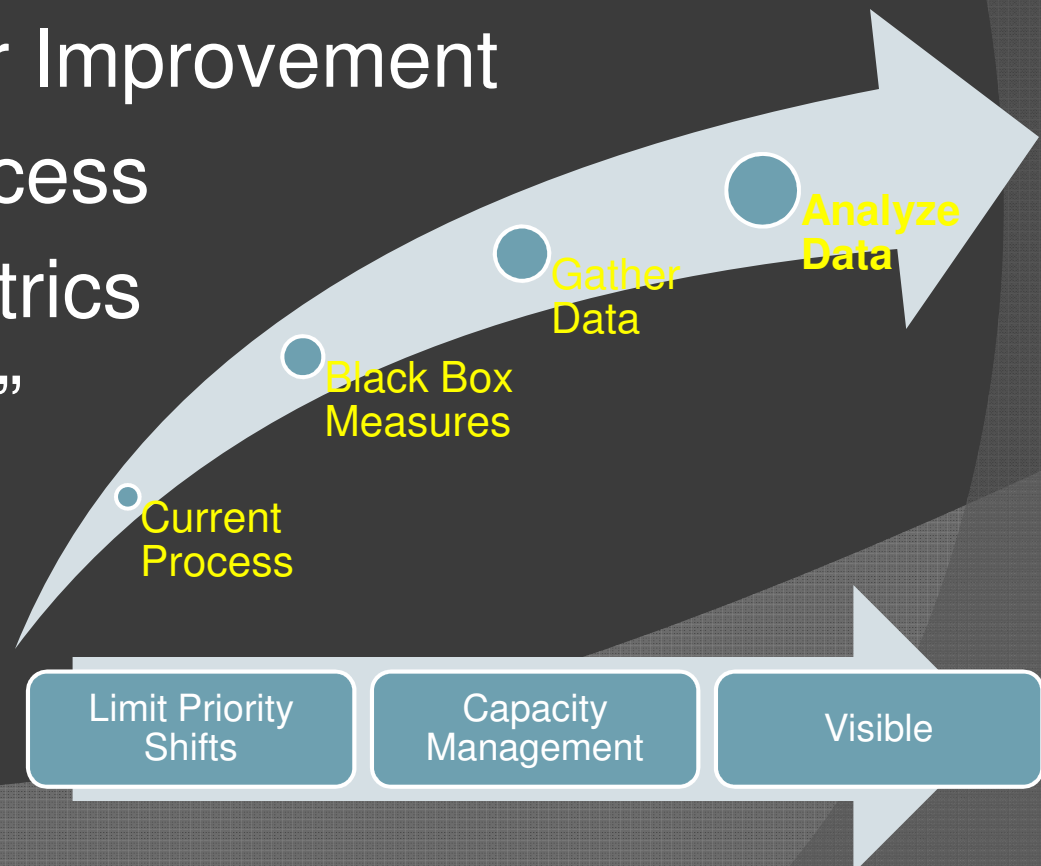
- Constant Change in Organization
- Limited Understanding of Process
 - Customers
 - Stakeholders
 - Between Teams
- Autonomous teams
- Firefighting mentality
- Great at what we do





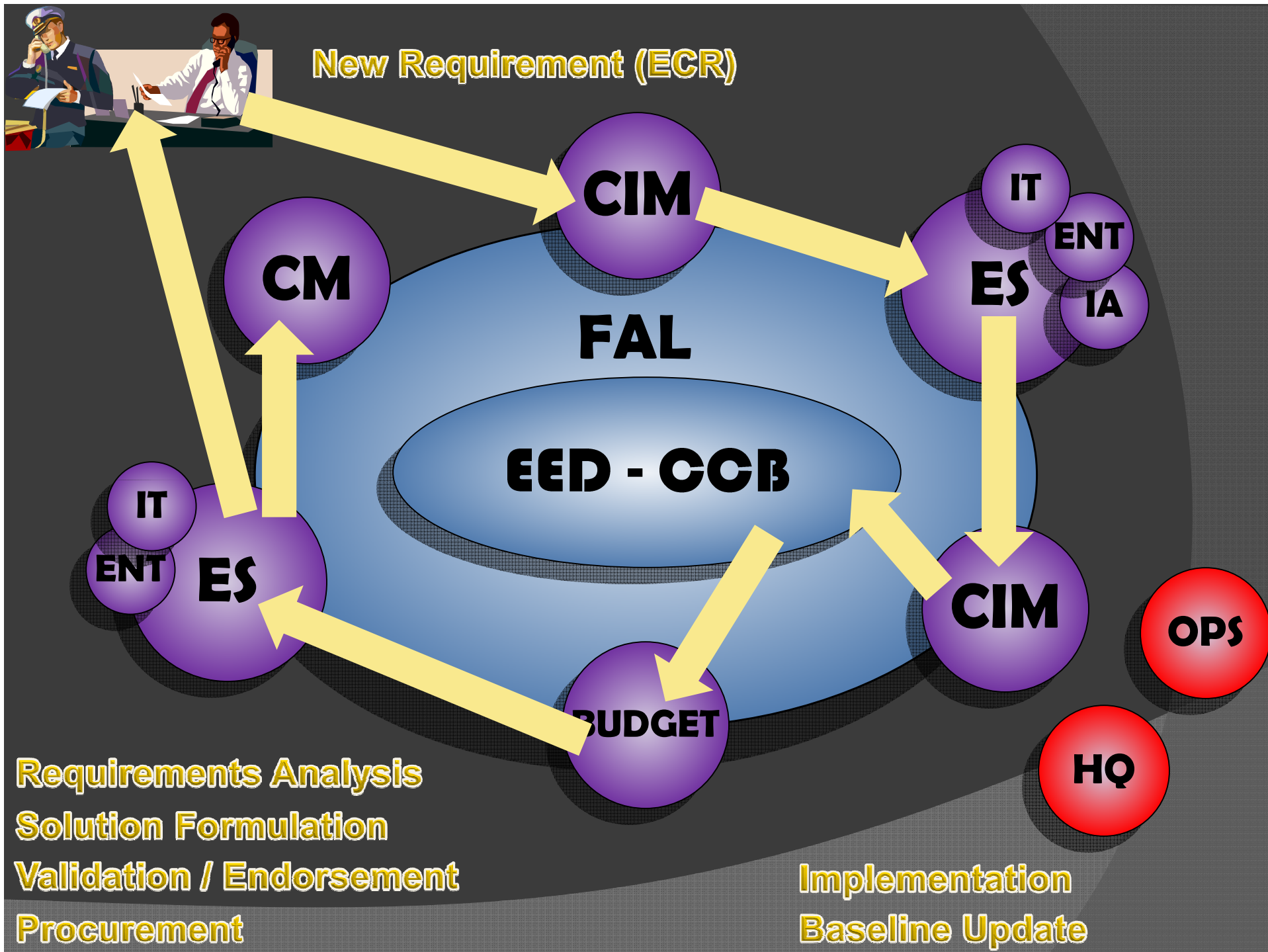
Goals of Organization

- Manage Expectations
- Accuracy vs. Consistency
- Identify Areas for Improvement
- Visibility into process
- Manage with Metrics
- Become “**fast-er**”



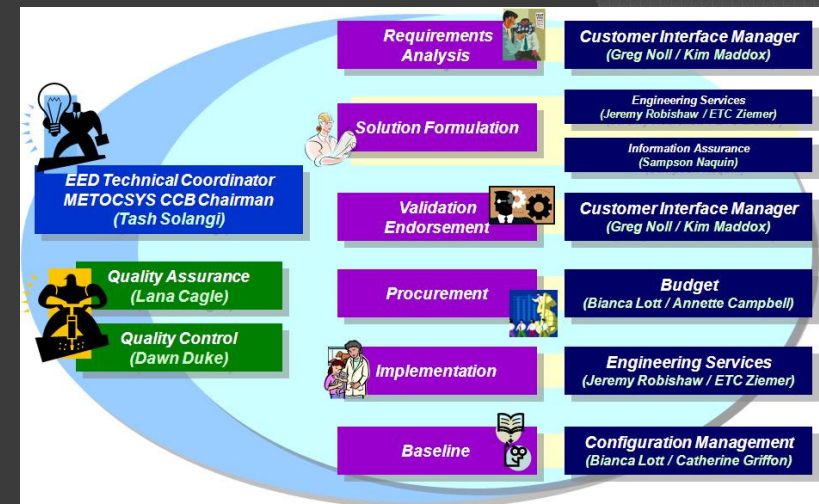
This is how we do it...

- ⦿ Functional Area Leadership (FAL) Team
 - Manage overall EED goals
 - Process hand-offs
- ⦿ Common Language
 - Streamline Data collection
 - Answer specific questions
- ⦿ Clear, Achievable goals
- ⦿ Manage with Metrics
- ⦿ Determine what is a success



We are a success!

- Setup team-of-teams
- Establish the FAL
 - Key to inter-EED communications
 - Leadership of organization
 - Ownership of EED goals
 - Manage the overall process

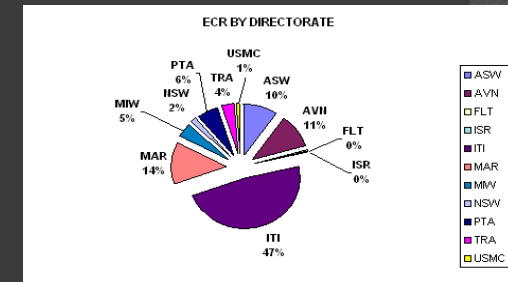
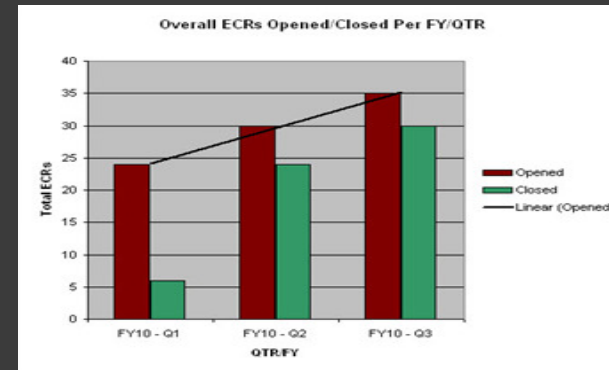


	A	B	C	K	M	P	Q	R	S	T
1	TSP Task Planning Template - Form TASK									
2	Name	Jeremy Robishaw		615.0						
3	Team	ESENT								
4	Date	8/30/2010								
5										
6	Cycle									
			<div>Generate Task List</div> <div>Update Plan</div>	Resources	Size Measure	Estimated Hours	Engrs	Plan Hours	Plan Date	Plan Week
7	Assembly	Phase	Task							
12	NOOC-AVN	MGMT	ECR2480:SYS:L:IMLEM:Precidia POSlynx Upgrades	team		4.0	1.0	4.0	12/14/2009	7
13	EED-ESIT	MGMT	CSR58181:SYS:S:SOLFORM:KEESLER MIDSNext Server RAID Battery	jro		2.0	1.0	2.0	12/14/2009	7
14	NOOC-AVN	MGMT	ECR3805:NET:L:SOLFORM:Souda Bay SWR Upgrade	jro		5.0	1.0	5.0	12/14/2009	7
15	CNMOC-ARCH	MGMT	ECR3880:SYS:L:SOLFORM:NMOC Virtualization	mv, jro, jw, ts3		40.0	1.0	40.0	1/11/2010	11
16	CNMOC-ARCH	MGMT	ECR3616:NET:L:IMLEM:Kbay CLIN6 Connections	jro		16.0	1.0	16.0	1/18/2010	12
17	NOOC-ASW	MGMT	ECR4504:IA:L:IMLEM:NOAC YOKO CLO	jro		40.0	1.0	40.0	1/25/2010	13
18	NOOC-ASW	MGMT	ECR4505:IA:L:IMLEM:NOAC YOKO HBSS	jro		40.0	1.0	40.0	2/1/2010	14
19	NAVO-ITI	MGMT	ECR2855:NET:M:SOLFORM:Keesler Remote Management	jro		4.0	1.0	4.0	2/1/2010	14
20	NOOC-ITI	MGMT	ECR3242:NET:M:SOLFORM:Marine Corps RMC Remote Management	jro		4.0	1.0	4.0	2/1/2010	14
21	CNMOC-ARCH	MGMT	ECR4608:NET:L:IMLEM:Whidbey Island CLIN6 Connection	jro		8.0	1.0	8.0	2/1/2010	14
22	NOOC-MAR	MGMT	ECR4641:NET:L:SOLFORM:ONE-NET Drops at Bahrain	jro		8.0	1.0	8.0	2/1/2010	14
23	NOOC-AVN	MGMT	ECR1152:NET:L:SOLFORM:European SWR Solution	jro		20.0	1.0	20.0	2/8/2010	15
24	NAVO-ITI	MGMT	ECR3543:NET:L:IMLEM:MIW Data Transfer from Bahrain to NAVO	jro		40.0	1.0	40.0	2/22/2010	17

- Collect **USABLE** Data
- Speak Same language (TSP ss)
- Other organizations (competitors) **don't** have data
- Manage Constraints
- Comparing past to present
- Shift resources for Emergencies

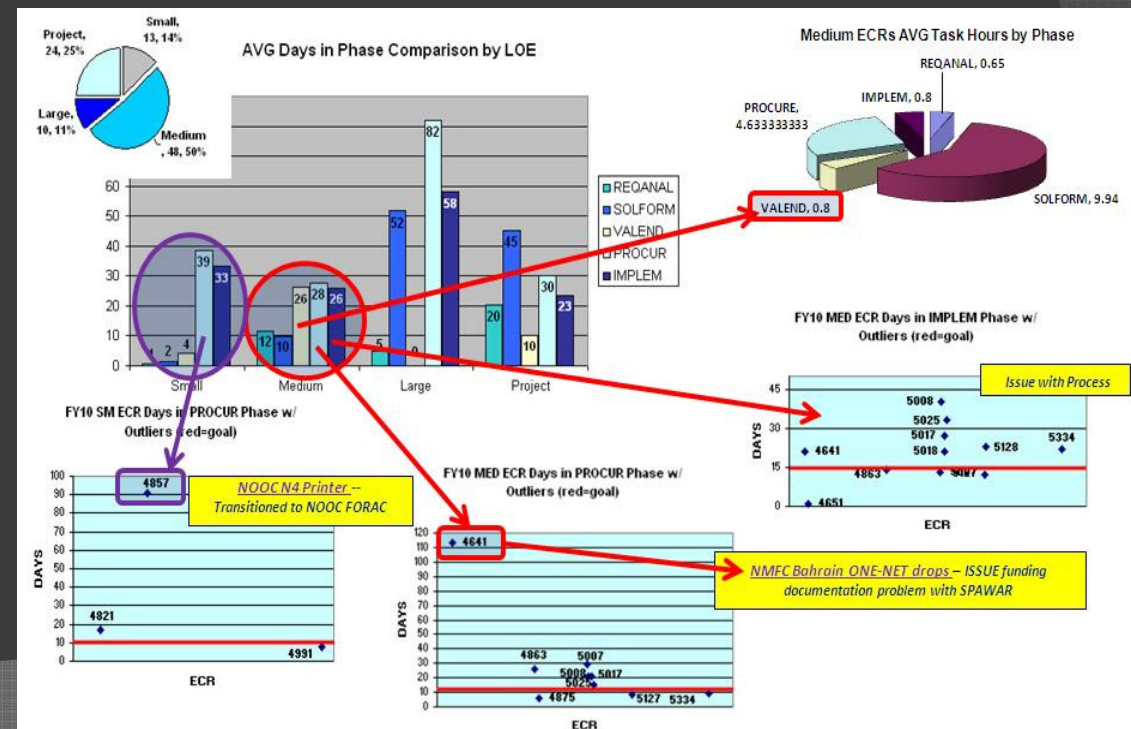
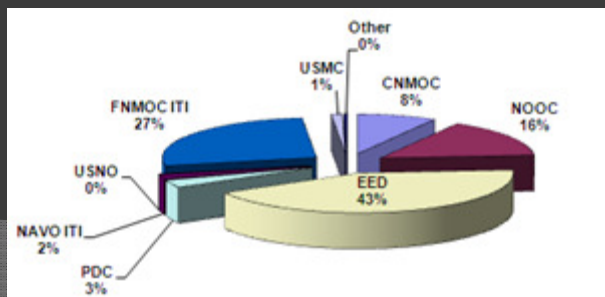
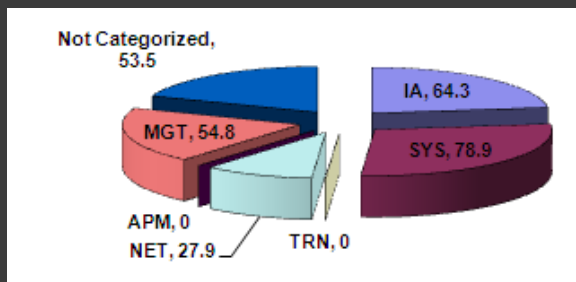
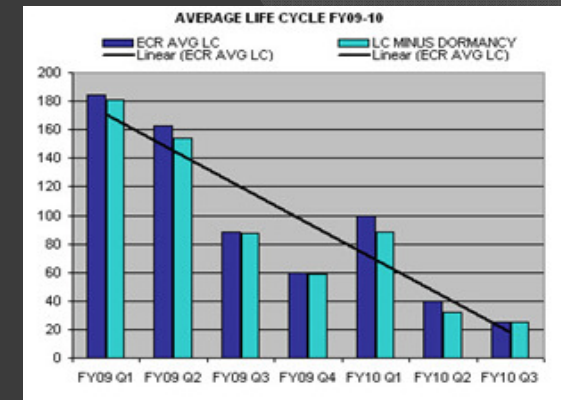
We Failed....

- Collected too much data
 - leaves open for interpretation
 - tedious
- No more smoke and mirrors
 - Mistakes and shortcomings are out in open
- Sub-Teams did not fully own process
- Sub-Teams not collecting data in same way
- TSP spreadsheets mainly used to track tasks after the fact
- TSP spreadsheets, not all groups need that granularity
- Sub-teams aren't using data to make decisions
- No clear means to plan tasks (what work gets done, what doesn't)
- Defect collection was limited; and not understood by teams



Measuring Success

- Metrics and making **“smart”** decisions with it
- Document Process & **everyone follows**
- Allows us to see problems...and a path to fix them...
- Customers are aware of work being done (no longer black box)
- Stakeholders leave us alone, **“let us do our job”**
- Faster, Better, Cheap-”er”**



What next

- ⦿ Better Questions, get better answers
- ⦿ Collect data on what we need
- ⦿ Data mine data to determine process or quality issues
- ⦿ Readjust resources; no more fiefdoms
- ⦿ We are all one EED
- ⦿ Stakeholders trust... we know what we are doing