

**Nuclear Weapons Complex
Integration Committee
(NWC-IC)
Activities**

Dave Beck

September 18th, 2008

NWC-IC

NWC-IC Purpose

To enable NWC M&O collaboration to effectively integrate NWC Sites to transform to a more responsive, flexible & efficient NWC, in alignment with & supportive of the NNSA Federal Authority & strategic direction.

NWC-IC Objectives

- Complete specific Initiatives to achieve purpose
- Ensure adequate Initiative portfolio support (w/ resources)
- Monitor Initiatives to deliver intended benefits
- Maintain linkage to “Get It Done” & multi-site incentives
- Maintain supportive working relationship with customer
- Periodically review overall value & adjust as needed

NWC-IC Charter

Developed & signed by all eight M&O Site Senior Mgrs

NWC-IC Integration Strategy

Establish/Maintain trust within senior NWC managers

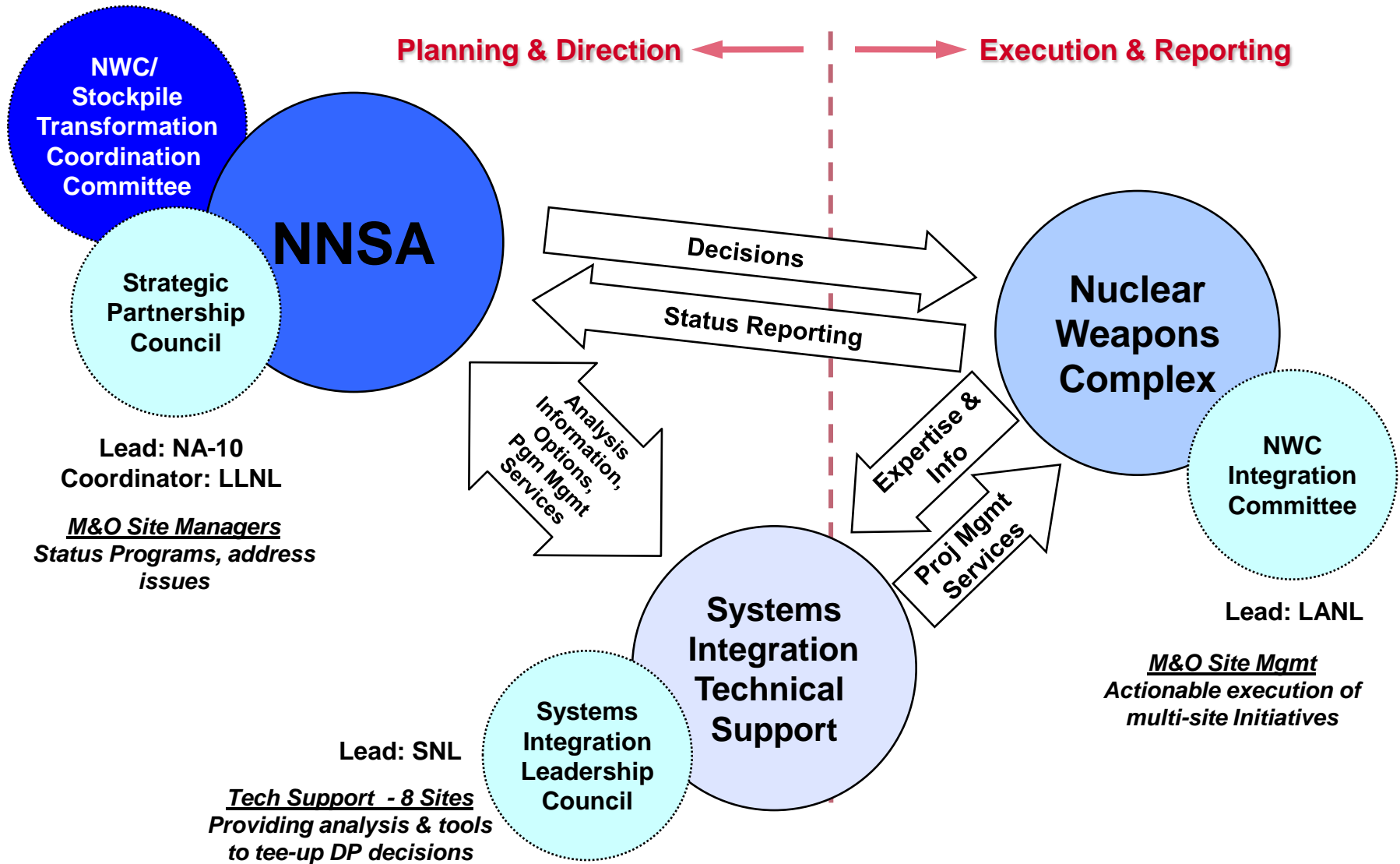
Strengthen “Team Work” among M&O Sites

Address DP Goals & Objectives

**Identify & execute “Actionable” multi-site activities (Initiatives)
Assist existing Programs to achieve their Goals & Objectives**

**Utilize “Graded-Application” of systems engineering &
project mgt processes, techniques & tools**

Nuclear Weapons Complex Integration



M&O Sites FY08 Targets & Initiatives (Sites/Leads)		Status (Sept16)	
NNSA Multi-Site Targets (fee associated)			
1	Resolve W76-1 CSA Issue & Attain FPU (LANL / B. Knapp)	↑	
2	Deliver B61-7/11 LEP Quantities to DoD On Time per P&PD (PX / J. Woolery)	↔	
3	Achieve Approved W88 SS-21 HAR (PX / J. Woolery)	↑	
4	Complete Complex 2030 NEPA Process by 31AUG08 (SRS / D. Hayes)	Complete	
5	Complete WR1 RRW Phase 2A by 31AUG08 (LLNL / H. O'Brien & SNL / R. Miller)	Canceled	
6	Conduct Dismantlements as Scheduled (PX / J. Woolery & Y-12/J. Christman)	↑	
7	Continue to Deliver Our Products for DoD On Time Per P&PD (PX / J. Woolery)	↔	
8	Implement a NNSA Supply Chain Management Center (SCMC) (KCP/S. Ackley)	↑	
9	Implement Gas Sampling Activities using Powerless Pump Module (PPM) (PX / J. Woolery)	Complete	
10	Implement IT Elements From FY07 developed Multi-Site Enterprise IT Plan (SNL / A. Hale)	↑	
11	Implement RMI Phase II Implementation (SNL / A. Schauer)	Complete	
12	Implement ASC TriPoD Initiative by 30SEP08 (LLNL / M. McCoy)	↑	
13	Build Six New W88 Pits & Install Equipment in FY08 (LANL / C. Beard)	↑	
14	Implement Physics-Based Energy Balance Model by 30SEP08 (LLNL / C. Verdon)	↑	
15	Remove 11 metric tons of SNM From NNSA Sites by 30SEP08 (Y-12 / D. Kohlhorst)	Complete	
NWC-IC Proposed Initiatives (no fee associated)			
A	Best Practices Sharing & Implementation (LANL / D. Beck)	↔	
B	Secure Wireless Communications (Y12 / D. Kohlhorst)	↔	
C	Optimal Use of Milestones (LLNL / J. LeMay)	↔	
D	NTS Throughput Improvement Plan (NTS / Chris Nelson)	↑	
E	UPF Evaluation (Y-12 / J. Howanitz)	Complete	

NWC INTEGRATION *Recognition Award*



**~ 300 Individuals
received awards
at eight sites**

*To Debbie L. Hunter, for effectively advancing the
"Evaluate Security Requirements Initiative"
Presented by the
Nuclear Weapons Complex-Integration Committee*

Approvals:

[Signature]
KCP

[Signature]

[Signature]
NCS

SRS

[Signature]
LANL

[Signature]

[Signature]
PX

Y12

[Signature]
LLNL

[Signature]

[Signature]
SNL

Progress to Date

Enhanced Cooperation & Trust

- M&O site management working as team solving tough issues
- NNSA “Top 10” linked to sites at-risk fees (10%) and completed
FY07 & FY08 > 95% Success
- Restoring stakeholder confidence in NNSA/ Complex

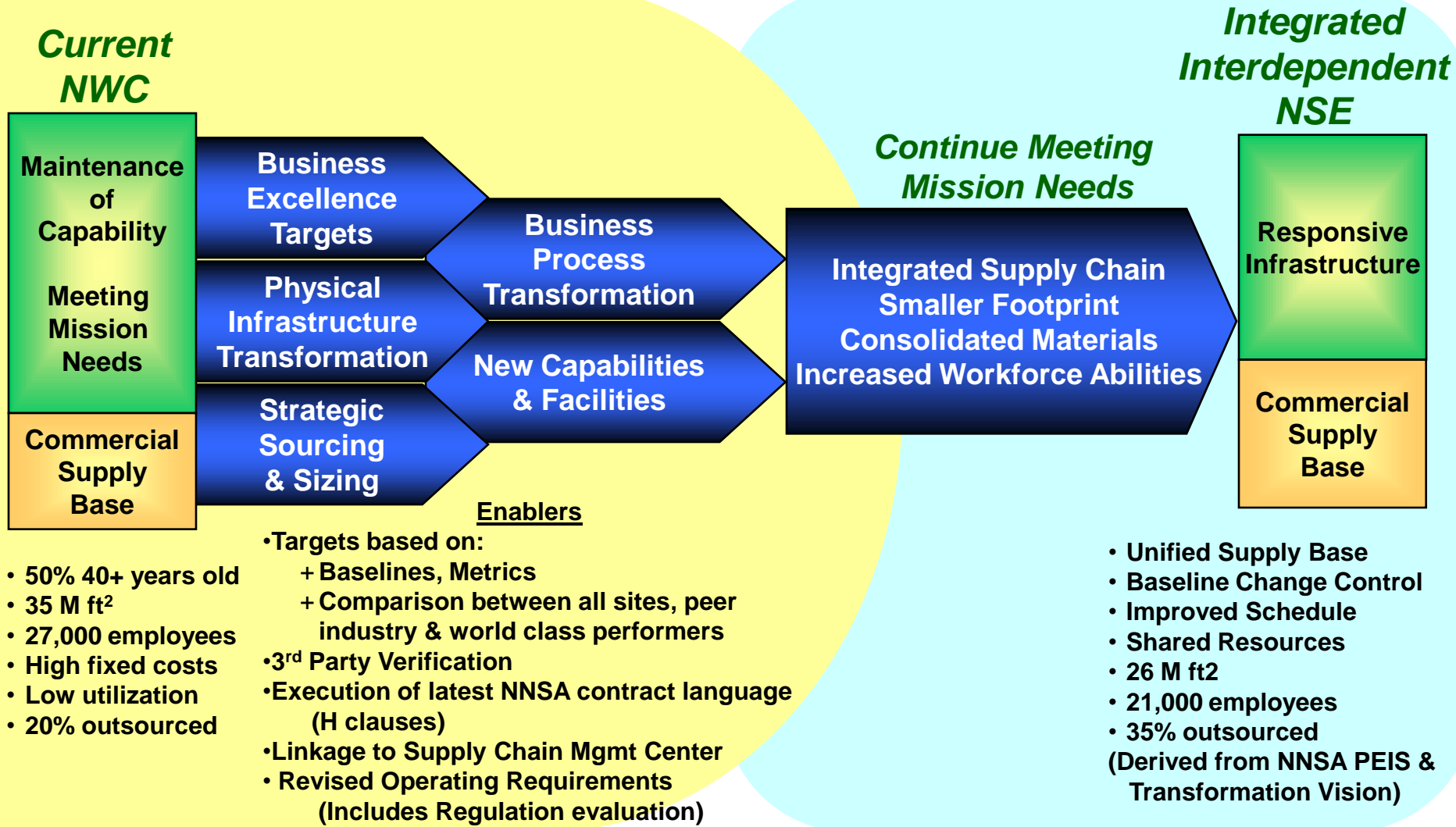
Enhanced Nuclear Weapons Complex Communication

- NWC-IC Initiatives Status Board and Sites Contact List
- Engaging Federal leads as “Initiative Champions”
- Complex wide awards
- Increased “teaming” across company/site lines

Customer and Stakeholder Feedback

- Numerous NNSA & contractors providing positive feedback
- Strong NNSA & contractor support for increasing
Accelerating Complex Transformation (ACT) execution

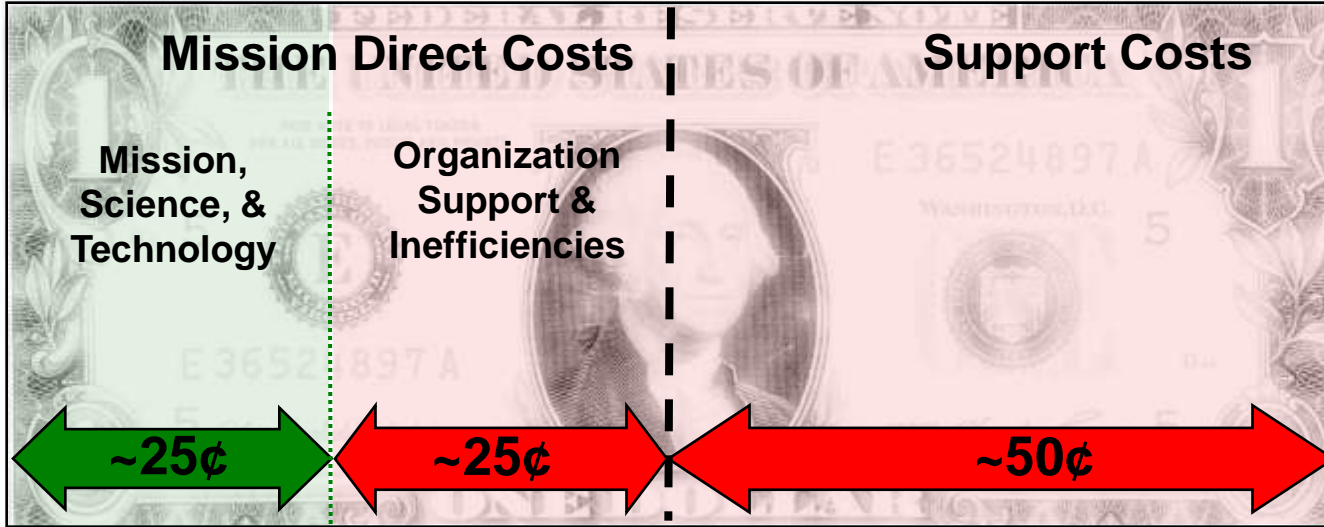
ACT: Improving Complex efficiency and effectiveness



ACT: An H Clause Strategic Initiative Accelerating Complex Transformation

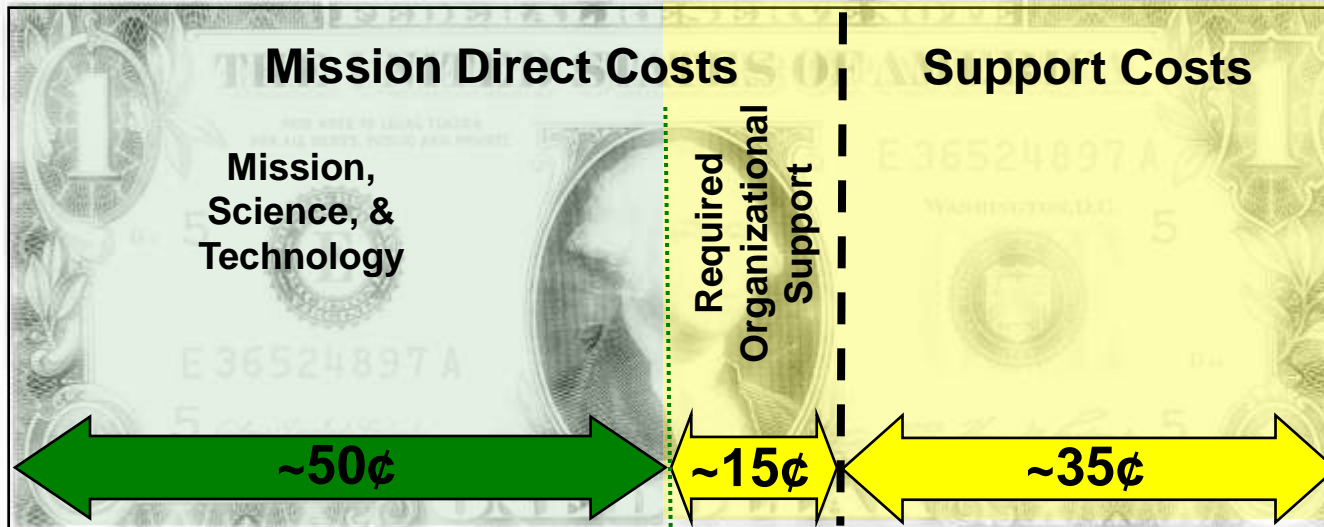
ACT Supports Increasing Value of Every Dollar

Current State



* Note: FY-07 Support Cost variance at Sites ranges from ~ 36% - 70%

Potential/Desired State

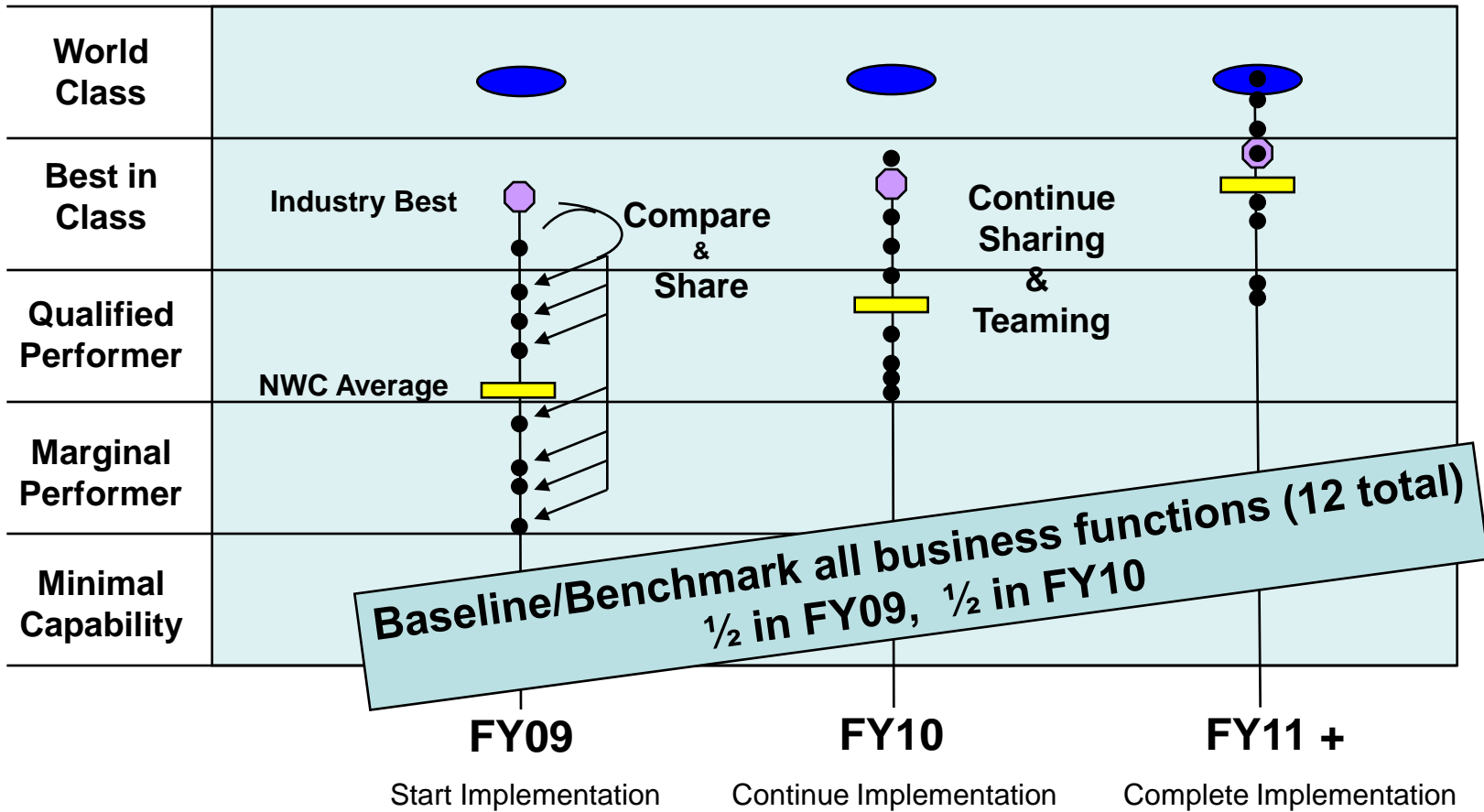


Baseline & Benchmark
Entire Business
 (Direct & Indirect
 Functional Areas)

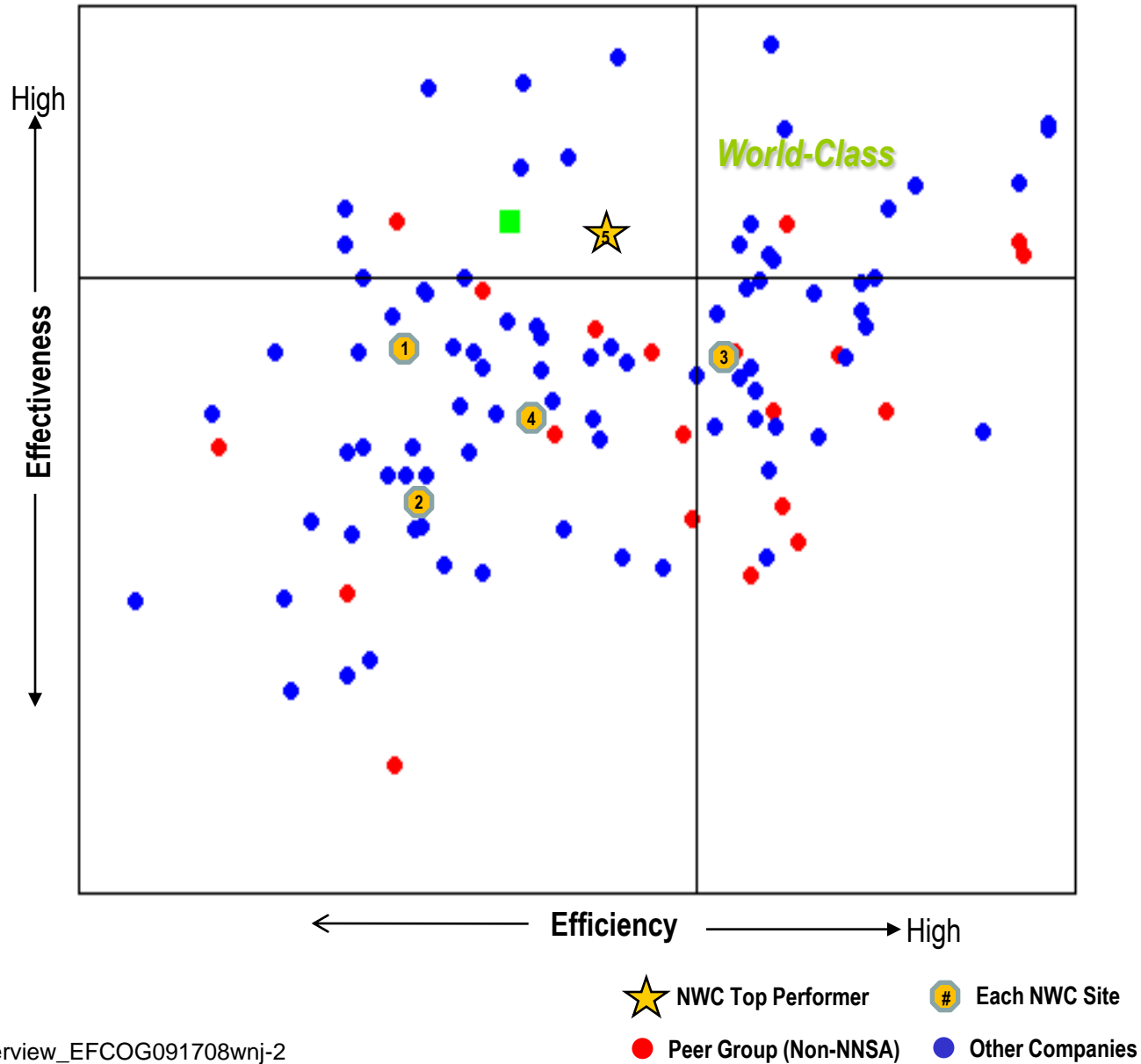
12 Functional Areas

1. **Production**
(Manufacturing Operations)
2. **Science/Computing**
3. **Engineering**
4. **Program/Project Mgt**
5. **Human Resources**
6. **Procurement**
7. **Business Ops**
(Legal, IA, EEO, etc.)
8. **Env., Safety, Health**
9. **Safeguards & Security**
10. **Facility, Maintenance & Utilities (i.e. RTBF)**
11. **Quality**
12. **Information Tech.**

ACT Macro Baseline Approach



ACT Detailed Functional Benchmark Results



Summary

Teamwork equals mission success

Decisions requiring multiple site integration are being successfully executed by the NWC-IC

Increased teamwork and integration makes the National Security Enterprise vision achievable