

Ogden Air Logistics Center



U.S. AIR FORCE

User Perspective on New Technology Adoption

September 1, 2009

Wayne Patterson

809 MXSS/CLA

DSN: 775-2992

Com. (801)775-2992

wayne.patterson@hill.af.mil

BE AMERICA'S BEST

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 01 SEP 2009		2. REPORT TYPE		3. DATES COVERED 00-00-2009 to 00-00-2009	
4. TITLE AND SUBTITLE User Perspective on New Technology Adoption				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Ogden Air Logistics Center,809 MXSS/CLA,Hill AFB,UT,84056				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES ASETSDefense 2009: Sustainable Surface Engineering for Aerospace and Defense Workshop, August 31 - September 3, 2009, Westminster, CO. Sponsored by SERDP/ESTCP.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 12	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



Overview



OGDEN AIR LOGISTICS CENTER

- **Projects “from the beginning”**
 - **DOD Multi-Service**
 - **The Plan**
- **Management & Quicker/Cheaper/?Required?**
- **The Employee-- Ease Of Use –Taste Test-**
- **We want Success too!!!**
- **WHAT is Success**
- **Lessons Learned aka: Oops or Cool**
- **Conclusion**



Projects

OGDEN AIR LOGISTICS CENTER

■ Success will be determined by involvement

- Everyone
- Team Effort
- Keep Informing
- Multi Service where possible



■ Proven technology

BE AMERICA'S BEST



Projects Cont.

OGDEN AIR LOGISTICS CENTER

■ Vendors—Application—Field Repair—Disposal

■ Vendors

- Supply— batches –on time—etc.

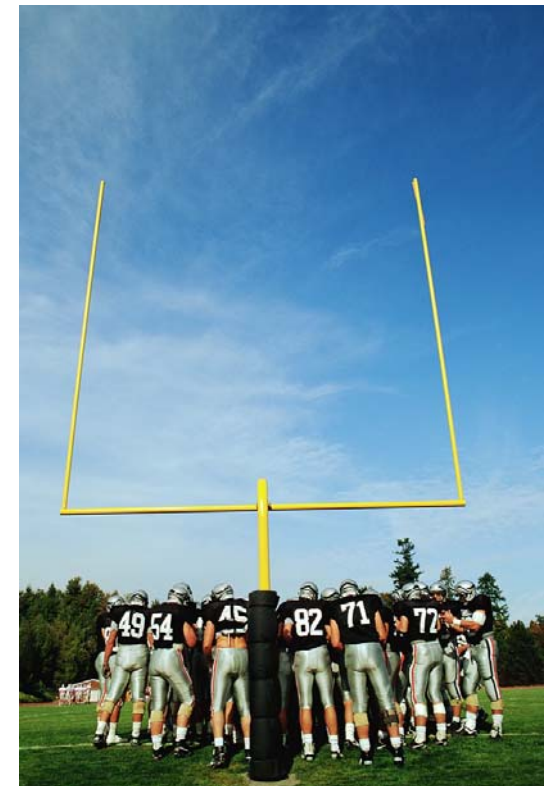
■ Application

■ Field Repair

■ Disposal

■ Cost

■ Once again Team Effort



Cradle to grave view point

BE AMERICA'S BEST



The Plan aka “road map”



OGDEN AIR LOGISTICS CENTER

- **Engineering**
 - Life Expectancy
 - Historical Data
 - Technical Orders
 - No “one size fits all”
- **Maintenance**
 - Ease of use
 - Repairability
- **Leadership**
 - Motivation
 - Quicker Cheaper Required



BE AMERICA'S BEST



Management

OGDEN AIR LOGISTICS CENTER

- **Production Facility**
- **OSHA, EPA, State or local Requirements**
 - **We will Follow requirements**
 - **No one wants fines etc.**
- **Implementation Time**
 - **Proper research been done**
 - **For the most part we can't afford research at Depot Level – that's "AFRLs calling"**
- **Theories**
 - **Brick wall, if it ain't broken...etc.**
- **Quicker—Cheaper--Required**



Management/Employee



OGDEN AIR LOGISTICS CENTER

- **Demonstration/Validation?**
- **Do those involved like it?**
- **Does Management like it?**
- **Can the Field Repair it?**
- **Can your waste treatment facility treat it?**
- **Cost!!!!**



Employee



OGDEN AIR LOGISTICS CENTER

- Do they like using the new technology
- Are Employees safer?
 - Environment—Senses
 - Taste—Smell—Hear—See—Touch—



Success



OGDEN AIR LOGISTICS CENTER

- **We actually would like the projects to be successful too!!**
 - **Better environment to work and live in**
- **Don't be surprised at low success rates**
 - **Our Forefathers used the best they had to work with replacing it in some cases won't be easy but may be necessary**
- **We are always improving and learning**
- **Time the true test**



What is success

OGDEN AIR LOGISTICS CENTER

- Removal or reduction of Chromium, Cadmium
- Etc.
- We have a mission to complete
 - How good do we need to be?
 - How long are we going to have the systems?
 - Mission Requirements
- Determination and Perspiration
 - Penicillin—Alexander Fleming
 - Computers version 1 thru ??????

***–science and technology is forever evolving,
changing and improving–***



Lessons Learned



OGDEN AIR LOGISTICS CENTER

■ Publish results

■ Positive or Negative

- Maybe it has another application



■ Sometimes things just won't transition

■ Not necessarily a bad thing

■ Positive or negative we learn and learn and learn

BE AMERICA'S BEST



Questions

OGDEN AIR LOGISTICS CENTER

Wayne Patterson
809 MXSS/CLA
Hill AFB, Utah
DSN 775-2992
Com. (801)775-2992
wayne.patterson@hill.af.mil