



National Weather Service

AWIPS II Governance Vision Team

April 22, 2008

Systems Engineering Center



Goals for this Meeting



- **Review actions**
- **Review of Local Software Pilot Team status**
- **Begin to discuss approval process**
- **Begin to discuss repository for documents**
- **Review of new action items**



Pilot Sub Teams Leads and Members



- **Software Local Applications**
 - *Requirements, Development, Release, Install, and System*
 - *Lead – Thuy Tran (OST/SEC)*
 - *Members*
 - Raytheon - Doug Lawson, Karen Tepera, Sean Webb
 - Government - Jay Morris (OPS), Local Applications Regional Representatives (ER, CR, SR, WR, AR, PR, National Centers), Ed Mandel (OST/SEC)



Local Applications Team Status



- **Established Local Applications Pilot team**
 - *Finalizing members – need members from AR, PR, WR, and NCEP*
- **Prepared Charter**
- **Kickoff meeting held on April 10**
 - *Focus on Requirements, Development Paradigm, Release Process, Installation and System Standards*
- **Near Term Activities**
 - *Review existing Governance documents for Local Application Area (4/11/08 – 4/18/08)*
 - *Local Application Policy and AIFM Sections 2, 3, 4*
 - *Review and update AWIPS II Governance Decisions (4/18/08 – 4/24/08)*
- **Long term**
 - *Draft policy, standards and guidelines by July 2008*



Approval Methods



- **Definitions**

- ***Policy Directives***

- *Direct orders from the AA for the NWS*
 - *Used to initiate or define NWS activity*
 - *Used to regulate authority and responsibilities with the NWS*

- ***Procedural Directives***

- *How to implement policy directives*
 - **Instructions or manuals**

- ***AWIPS Governance***

- *How we make internal AWIPS decisions*
 - *Process*
 - **Method of accomplishing a goal**
 - **What, who, how, and when**
 - *Standards*
 - **Defines criteria to be followed by AWIPS users**
 - *Guidelines*
 - **Defines guidelines that would best practices methodology to guide AWIPS users**



Repository



Area			Decision	NWS Policy Directives	NWS Procedures Directives	Process Governance	AWIPS Standards	AWIPS Guidelines
Software	Local	Requirements	Decide what local applications to develop					
Software	Local	Requirements	Decide what requirements can be satisfied with the existing baseline software					
Software	Local	Requirements	Decide how to collaborate development activities between sites and regions					
Software	Local	Requirements	Decide how to identify areas requiring development by looking at where local applications are filling the gaps in functionality					
Software	Local	Requirements	Decide how to promote nationally used local applications to the baseline					
Software	Local	Development	Decide on the approval of software for integration into the site operations					
Software	Local	Release	Decide how to release local applications					
Software	Local	Release	Decide when to release local application changes					
Software	Local	Release	Decide how to manage local application distribution					
Software	Local	Release	Decide how to CM local applications					
Software	Local	Installation	Decide when to install local applications					
Software	Local	Installation	Decide where to install local applications					
Software	Local	Installation	Decide how to minimize the breakage of local applications with each software release					
Software	Local	System	Determine what coding standards are acceptable					
Software	Local	System	Decide what development (design) guidelines are acceptable					
Software	Local	System Standards	Decide on what infrastructure to provide for collaborative development					
Software	Local	System Standards	Decide who and how to monitor, track and enforce local applications the above decisions that require monitoring, tracking and enforcement					



Closed Action Items



1. Identify team members for Governance Vision team (Welles, Ashby – 3/7)
2. Identify team members for the Local Applications team (Welles, Ashby – 3/7)
3. Provide existing coding standards used by Omaha staff (Raytheon – 3/31)
4. Collect existing governance documents for Local Applications (Mandel – 3/31)
5. Review Local Application Decisions (Governance team - 4/1)
6. Identify regional focal points for local applications group (Tran, Mandel - 4/8)
7. Review Governance Roadmap and provide comments (Governance Team - 4/8)
8. Complete Roadmap (Mandel – 4/9)
9. Provide team members to Software Baseline Applications Pilot team (Gov't and Raytheon - 4/8)
10. Provide comments on Governance Website outline (Governance Team - 4/15)



Open Action Items



- 1. Does hardware have a Development Paradigm aspect (Mandel – 4/22)**
- 2. Collect existing governance documents for Software Baseline Applications Pilot team (Mandel – 5/6)**
- 3. Make sure each team knows to include monitoring and enforcement in the policies, standards and guidelines they document. Include this in the team charters. Add to scope for each sub team (Mandel - continuing)**



Next Meeting



- **May 6, 2008**
- **12:00pm Room 14246**
- **Topics**
 - *Review actions*
 - *Review of Local Software Pilot Team status*
 - *Finalize approval process*
 - *Finalize tracking*
 - *Begin to discuss repository for documents*