



National Weather Service

AWIPS II Governance Vision Team

May 20, 2008

Systems Engineering Center



Goals for this Meeting



- **Review of Local Software Pilot Team status**
- **Discuss adding a forth team**
- **Review of action items**



Local Applications Team Status



- Formed Requirements, Development, Test and Integration, and O&M teams
- Meeting with each team for status updates
- Schedule
- Draft documentation from each group by May 30, 2008
- Create draft policy by June 13, 2008
- Complete Governance Vision team review of Local Applications Policy and Standards by July 3, 2008
- All groups have raised concern about resources and the deadline
 - *Governance Vision team should review each area and see if there is an effective way to stagger the work*



Local Applications Team Status



- **Policy Generation (Mandel)**

- **Requirements**

- *Developing Process Flow (draft attached)*

- Requirement Definition
- Development and Approval for Installation
- Promotion of local application to AWIPS baseline
- Identifying areas to monitor and enforce compliance with policy
 - » *Compliance with Development, Integration and Test and O&M Standards and Guidelines*
 - » *Compliance with Registration Process*
 - » *Need to define automated methods and concise summary reports*



Local Applications Team Status



- **Standards Generation (Tran)**

- **Development**

- *Development, Testing, and Operational Environment (AIFM Section 2.1 – 2.4)*
 - *System restrictions (AIFM Section 2.3.6)*
 - *Coding and Internal Documentation Standards (AIFM Section 3.0)*
 - *User Interface Standards (n/a)*
 - *Development Process (i.e., Peer Reviews) (n/a)*

- **Integration and Testing standards**

- *Test procedures (n/a)*
 - *Method to measure and evaluate system impact (AIFM Section 2.3.5)*
 - *Installation standards (AIFM Section 2.3.4)*
 - *Initiation standards (AIFM Section 5.0)*
 - *Interface standards (AIFM Section 4.0)*
 - **Data access policy**
 - **Standard APIs**

- **Operations and Maintenance**

- *External documentation Standards (AIFM Section 3.8 and Appendix 4)*
 - **Including localization and configuration information**



Local Applications Team Status



- **Infrastructure to support policy (n/a)**
 - *Configuration management of software and documentation*
 - *Subversion repository?*
 - *Upload/ download capability to support code sharing of approved local applications*
 - *Bug tracking for maintenance programmers*
 - *Report Generation*
 - *Inventory (LAD Summary) and search capability*
 - *Compliance with Development, Integration and test and O&M Standards and Guidelines*
 - *Compliance with Registration Process*
- **Note: AWIPS I uses the Local Applications Database (LAD)**



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. Add NCEP to baseline app team (Mandel -5/6)**
- 3. Collect existing governance documents for Software Baseline Applications Pilot team (Mandel – 5/6)**
- 4. 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



- **June 3, 2008**
- **12:00pm Room 14246**
- **Topics**
 - *Review of Local Software Pilot Team status*
 - *Software Licensing discussion*
 - *Review actions*