



Iris, Impacts Catalog, and iNWS

An update on
project progress



Changes since the last VLab forum

- We've begun our transition to the Integrated Dissemination Program.
- We've continued to make changes to the program architecture to support future enhancements.
- We're continuing to work with the Impacts Catalog Integrated Working Team to refine requirements for the FY16 beta test period.



Integrated Dissemination Program

- Databases have been moved and several applications are now running.
- IDP system administrators have been very helpful throughout the process.
- A weekly performance review is required for Ben Kyger each Wednesday.
- In general, IDP base software is frozen on RHEL6 supported versions, but exceptions can be made, if justified.



Integrated Dissemination Program

- We are currently in the migration phase of our project, which will conclude August 1st.
- All software must be redesigned to fit new architecture.
- All requirements must be documented and test cases written.
- Latest indications are that the project will reach operational status in the November to December time frame.



System changes since the last Vlab

- The iNWS user interface has been re-written in Javascript, abandoning the obsolete PHP-Symfony version current used.
- Observational data is now stored in Postgresql as JSON, allowing us to decode new elements as needed without changing the database schema.
- We continue to work toward a consolidated, map based Iris interface similar to EDD.
- Continued work on the Alert Monitor component of the Alert Monitor interface.



Impacts Catalog beta requirements

- Support for Aviation Weather Center.
- Impacts will have a severity level assignment.
- Opening of AWIPS firewalls to Iris framework.
- Contacts will be unique and have both permission and assignment restrictions.

Challenges

- We are still trying to solidify staffing levels for the project. Currently, most of the Iris team are NRAP members.





Challenges

- Integration of two mature projects with different user bases, and a component with new requirements requires careful analysis.
- Governance still lacking in various areas.
- For final operational capability, we will need to process large amounts of data quickly.