



Updates for the NWS_CHAT

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NWSChat Overview and History

- Began ~ 2008
- Need to quickly communicate between NWS offices and their partners
- NWS staff helped to create the original platform for NWSChat using existing Open Source code and libraries
- Became a critical tool over the years and exceeded the ability to support it in the existing form
 - Outages started happening more frequently

NWSChat Overview and History cont.

. 2019 - NWS commenced to stabilize and replace NWSChat

 Stage 2 is now in progress as Slack was selected to be the platform on which NWSChat 2.0 would reside

• Expected full implementation and replacement of the existing NWSChat system is planned for Summer 2023.



NWSChat 2.0 Benefits

- Increased Reliability
- Additional features:



- Video Calls
- Digital Whiteboards
- Cross-Platform Availability and Compatibility
- Secure cloud based system that is scalable to meet user demand



Implementation and Lessons Learned

- NWSChat has > 15 K users
- It is used daily in real-time significant events
- Expedited implementation

- Need to ensure all users are trained and have the knowledge they need to use the new system
- Need to ensure system is configured properly and supported

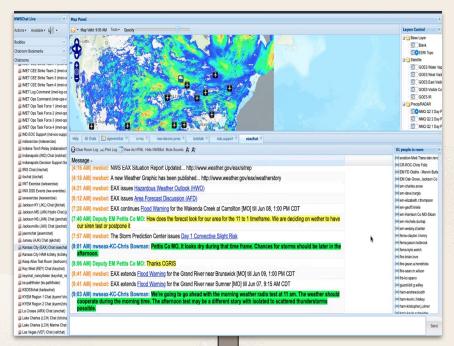


Implementation and Lessons Learned cont.

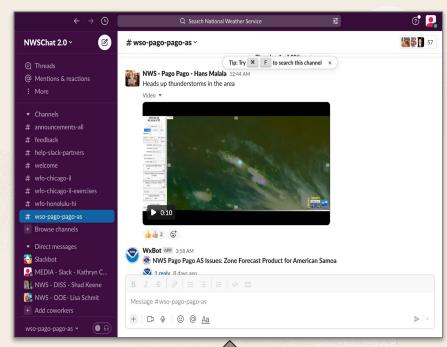
- Use of existing tools, contract vehicles, etc. helps to save a lot of time and effort
- Need a good team with wide ranging experience
- Has to be an effort that includes all parties working together with group ownership of all involved
 - E.g. Users of the new system need to be involved and active in the spin-up and need to have constant dialogue between different groups like Slack and NWS



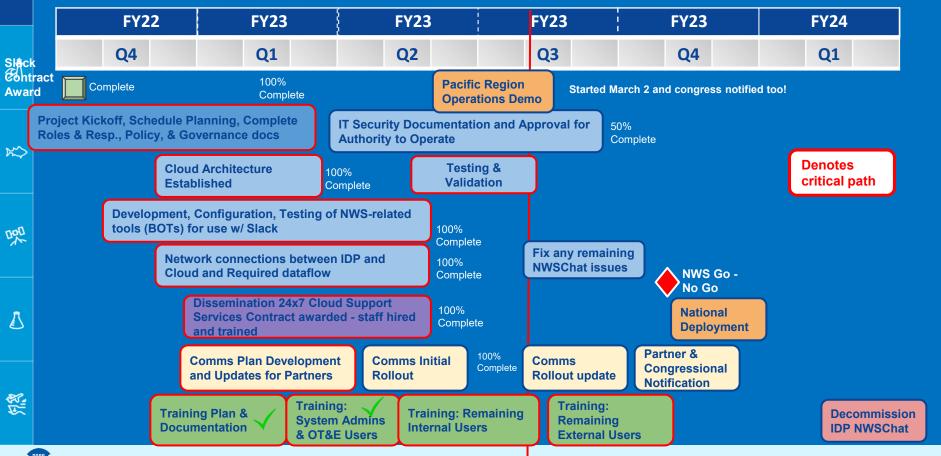
NWSChat 1.0



NWSChat 2.0



NWSChat 2.0 Timeline



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Next Steps







Final thoughts-

- Translation for the instructions will be needed. As with the original NWSCHAT, we'll need to work with ICAO NACC to put this in place
- POCs for questions etc will need to be established
- It has taken us 4-5 years to get where we are in the region with the current NWSCHAT, particularly with the Volcanic Ash program, we don't want this new implementation to take as long

Thank You

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