



# Precision Mensuration Manager (PMM)

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# PMM



## Project Overview

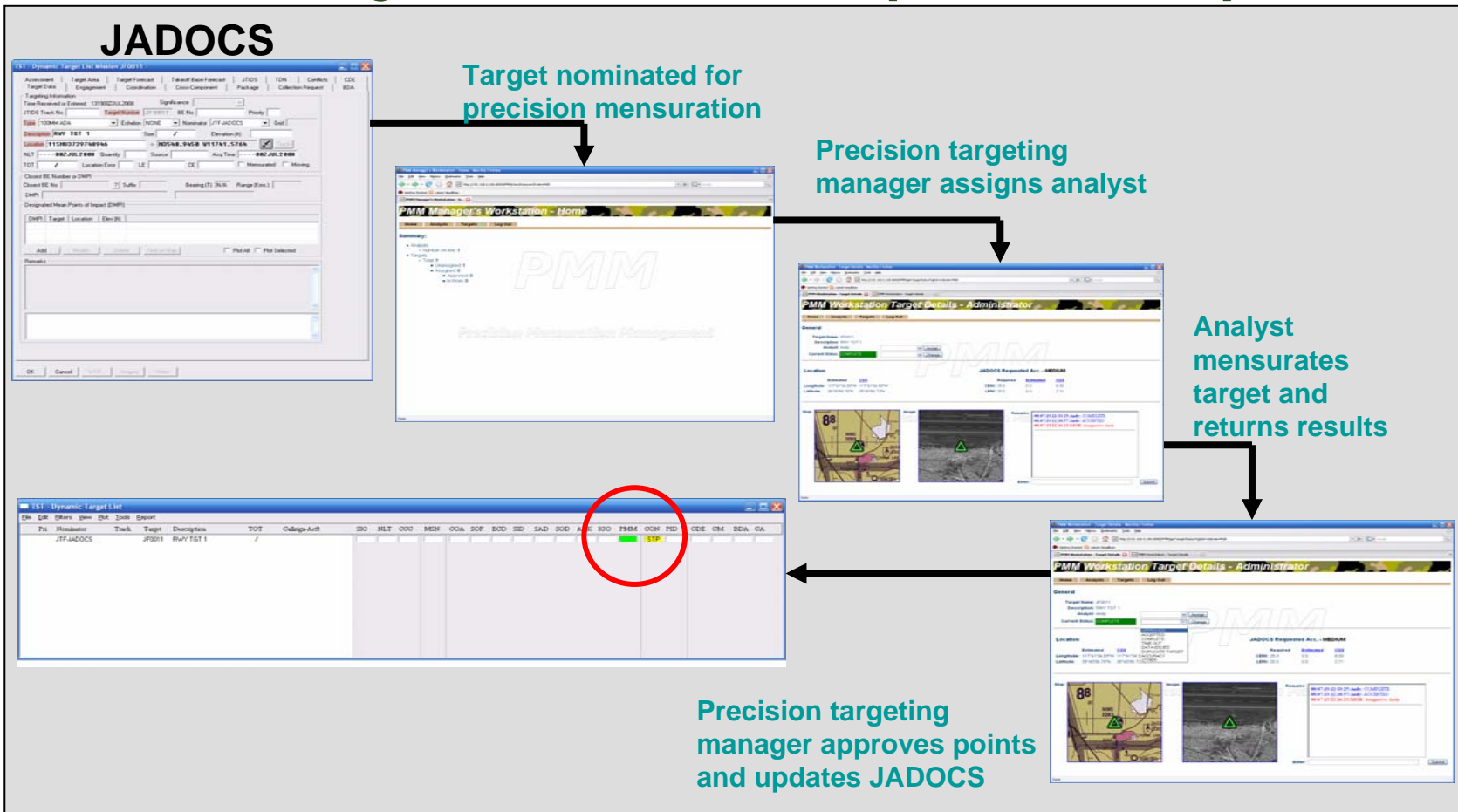
Operational Statement: The Precision Mensuration Manager (PMM) automates and distributes aimpoint generation tasking through database integration and agent technologies.



# PMM



## Project Overview (CONOPS)





# PMM



## Program Details

- PMM server integrates directly with the Joint Automated Deep Operations Coordination System (JADOCs) to provide the combatant commander's targets of interest to the targeting group
- If these targets are designated for precision coordinate generation, PMM sends the request to a precision targeting manager
- Precision targeting manager who either assigns the target for further processing or rejects the target for aimpoint generation



# PMM



## Program Details Continued

- Targeting manager is allowed to assign the target of interest to any available analyst
  - Analysts are automatically notified of any incoming aimpoint requests
  - Analysts have immediate access to the target's description, latest tactical image, context map, and potential image solutions for mensurating the geo-coordinates
  - Cursor on Target (CoT) XML message is sent to initiate the Common Geopositioning Services (CGS) workstation's CoT workflow





# PMM



## Program Details Continued

- When working within a time sensitive environment, PMM sets expiration times on targets of interest while also prioritizing high value targets automatically
  - Regardless of priority, a time stamp is applied to each step of the process; when an aimpoint request is received, assigned or rejected, accepted by the analyst, completed by the analyst, and approved by the manager
- After a targeteer completes an aimpoint, a CoT message is back to the target manager for review and approval





# PMM



## Conclusions

- Eliminates a key bottleneck in the time critical targeting process by coordinating and distributing the power of multiple targeteers working synergistically against a common threat
- Bridges a communication gap between operators and the intelligence specialists supporting them
- A viable solution for distributed and coordinated targeting within the time-sensitive environment