

Protective Policy Presentation by SKARG's Seven

# DS-7 Longer Lifespans, Stronger Security

## Problem Statement

- Given: "...a better way to determine the lifespans of explosive detection and X-ray equipment for over 2,000 worldwide units in order to reduce cost and increase time efficiency to fortify the physical security of U.S. embassies and consulates. "
- New: "Create a brand-new policy that is general enough to last a multitude of years, hopefully in 12 FAH, but is specific enough in performance data to ensure that accurate and timely human analysis is possible."

## Our Story

- Began semester by identifying issues with data collection.
  - 42 Interviews with STSs, SMEs, SEOs, RSOs, Electronics Engineers, and many deliverables later...
- According to our recommendations, our problem sponsors improved the work orders to ensure that proper data collection can now take place.
- Unfortunately, this process is not official---we have pivoted to a policy-based MVP that we will be presenting today.

## Current Process our MVP Policy will cement



**STS or local guard force performs work on machine.**



**STS fills out work order form for x-ray or itemizer maintenance.**



**Work order is sent to proper SME for review.**



## Current Process our MVP Policy will cement



SME checks sent form for accuracy and ensures this information is entered into CMMS.



When form is approved, the work order is closed and complete.



If form is not approved, it will bounce back to STS for proper completion, and the process is repeated.

## Our MVP

- [MVP for In-Class Presentation 11.1.23.docx](#)
  - Open and share screen to present



# Moving Forward

- Working with our problem sponsors to finalize our MVP for approval and distribution
  - Algorithm framework
  - Learning record development
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# Conclusion

- Recap of the semester
- Diagram on our solution
- MVP presentation
- Future plans