



10TH ANNUAL V & V SUMMIT

PUSHING TIN with NextGEN

Terminal Automation Branch Operational Test and Evaluation Team (ANG-E57)

Tom Zaccheo and Mike Lyman

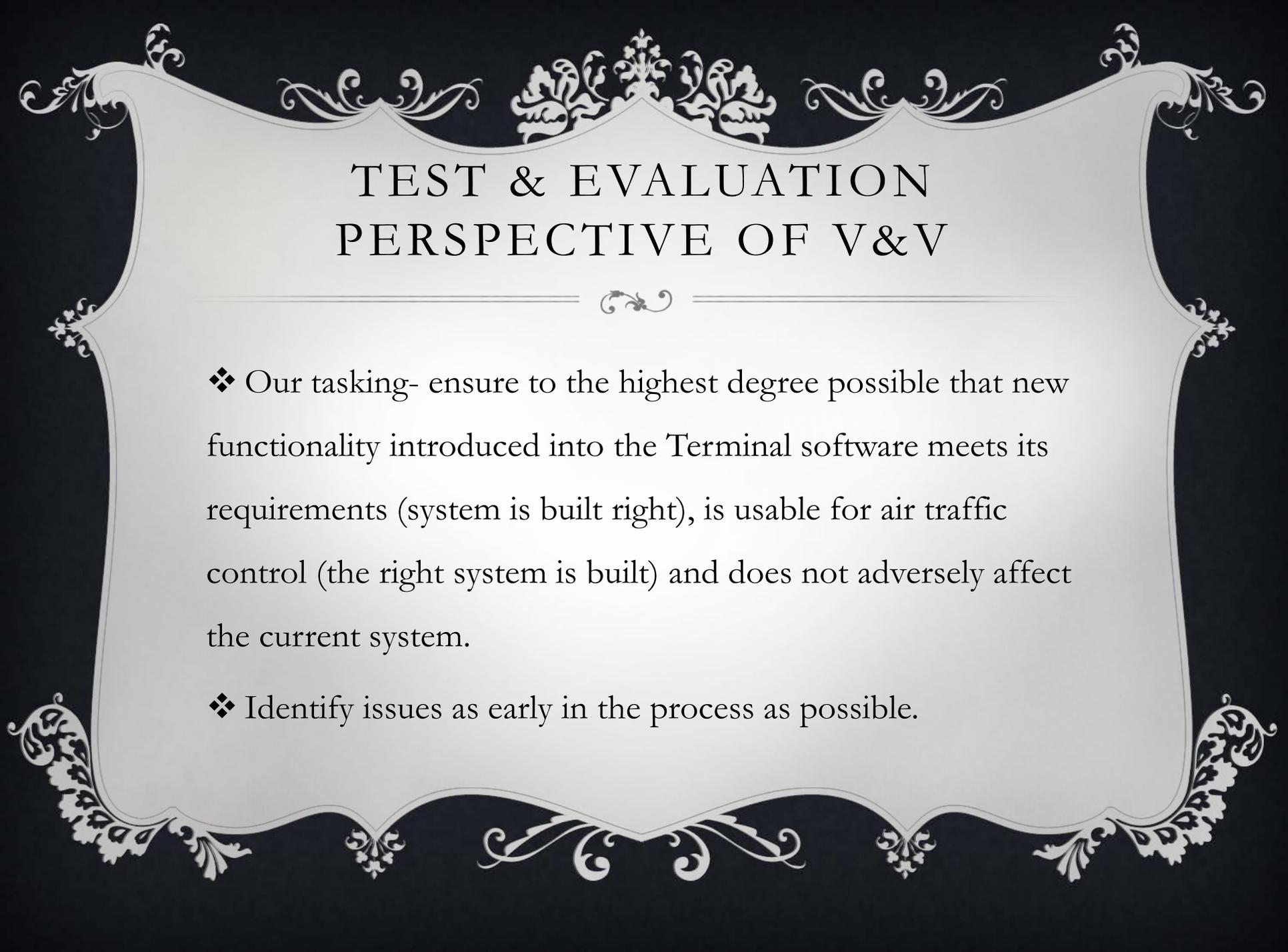


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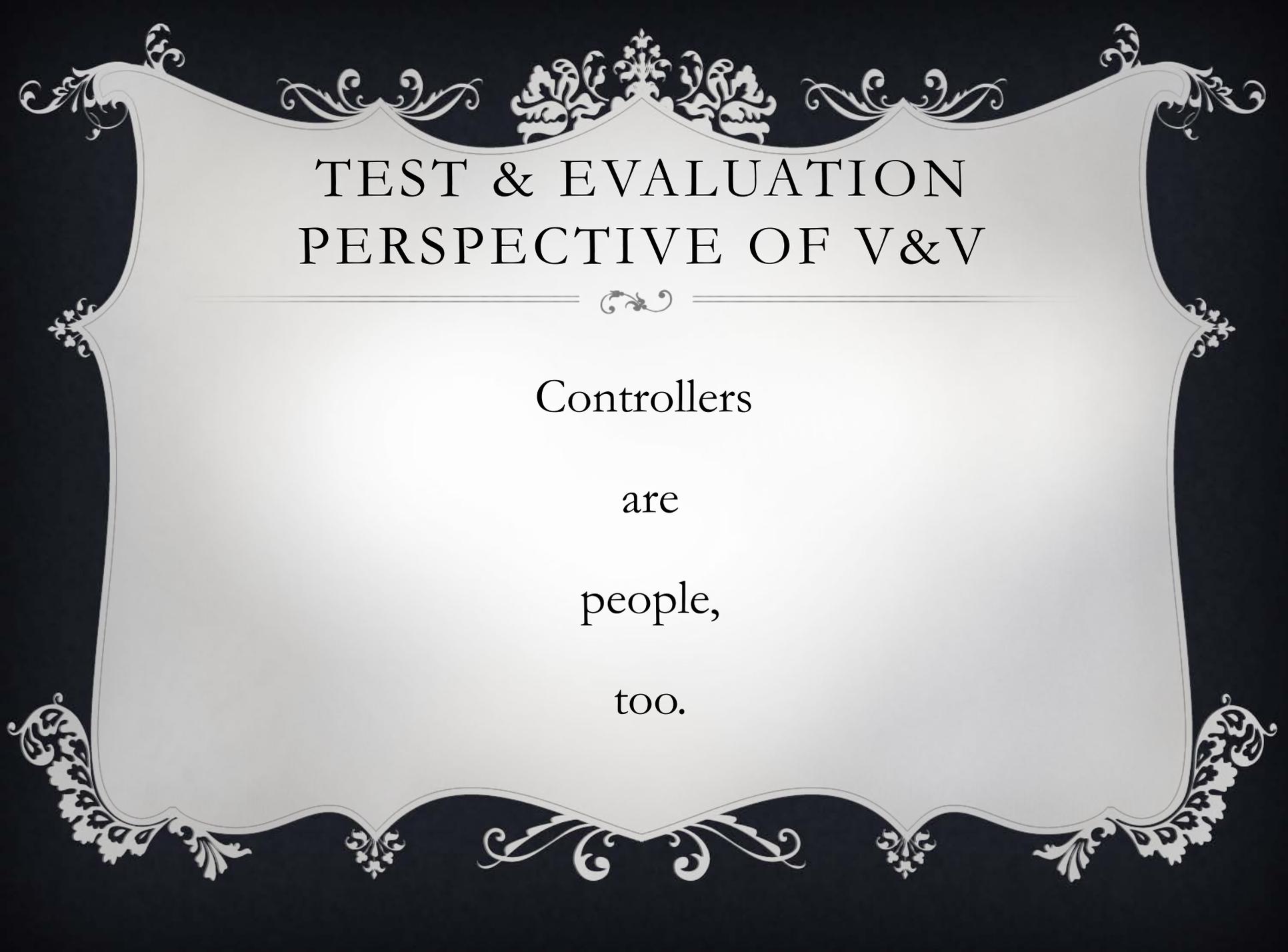
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TEST & EVALUATION PERSPECTIVE OF V&V

- ❖ Our tasking- ensure to the highest degree possible that new functionality introduced into the Terminal software meets its requirements (system is built right), is usable for air traffic control (the right system is built) and does not adversely affect the current system.
- ❖ Identify issues as early in the process as possible.



TEST & EVALUATION
PERSPECTIVE OF V&V

Controllers

are

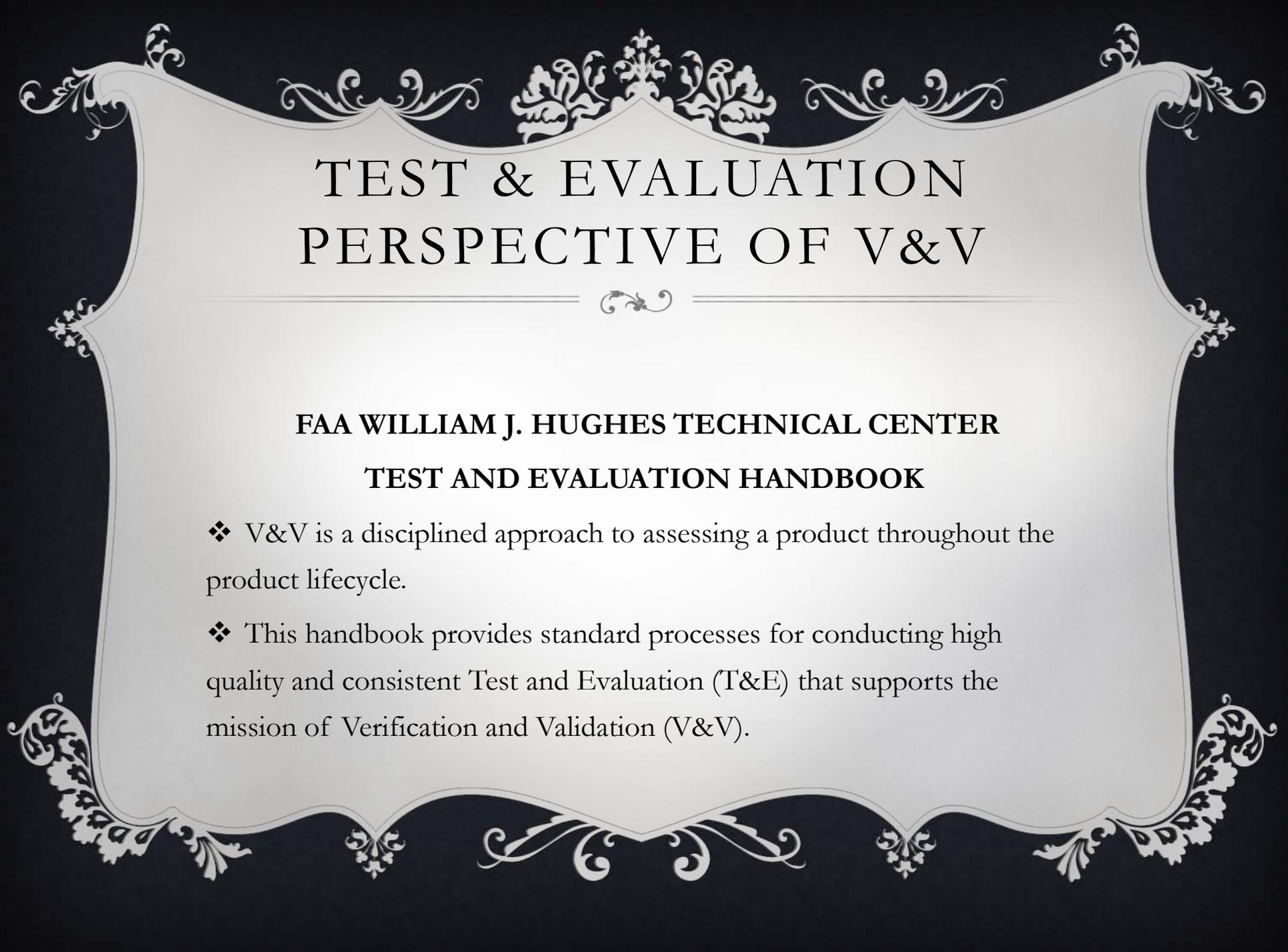
people,

too.



TEST & EVALUATION PERSPECTIVE OF V&V

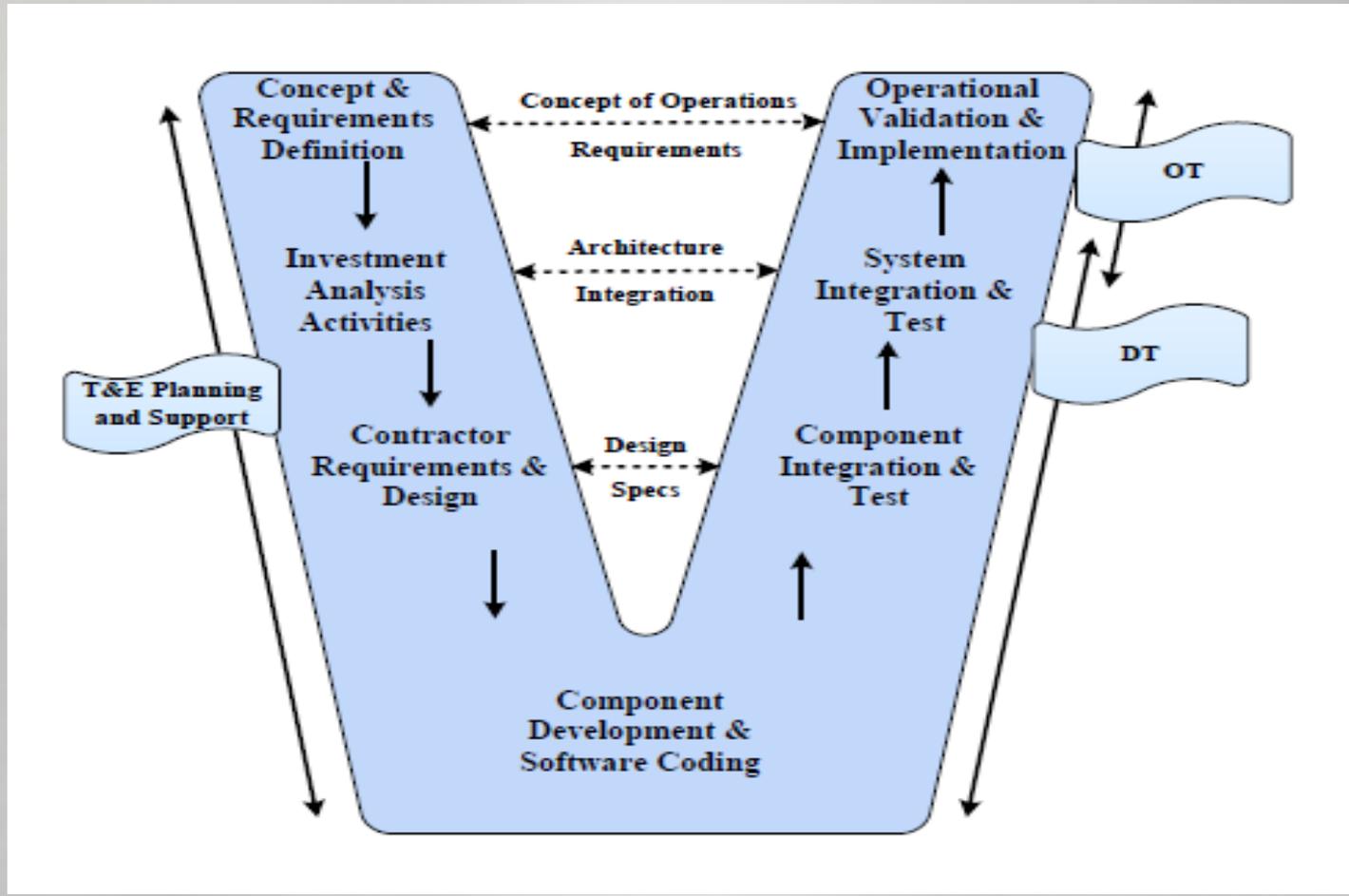
- ❖ Implemented:
 - Final Monitor Aid – FMA
 - Precision Runway Monitor – PRM
 - Automatic Terminal Proximity Alert – ATPA
- ❖ In development:
 - Terminal Sequencing and Spacing - TSS
 - Data Comm

A decorative white scrollwork border frames the entire page. At the top center, there is a crest-like floral ornament. Below the main title, a horizontal line with a small scrollwork flourish in the center separates the title from the subtitle.

TEST & EVALUATION PERSPECTIVE OF V&V

FAA WILLIAM J. HUGHES TECHNICAL CENTER TEST AND EVALUATION HANDBOOK

- ❖ V&V is a disciplined approach to assessing a product throughout the product lifecycle.
- ❖ This handbook provides standard processes for conducting high quality and consistent Test and Evaluation (T&E) that supports the mission of Verification and Validation (V&V).





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THANK YOU!

QUESTIONS