

# Human Systems Integration Test and Evaluation

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## Preface

This document provides a foundational overview how leveraging artificial intelligence (AI) in DoD capabilities will influence human systems integration (HSI) test and evaluation (T&E) considerations in DoD T&E Strategies (TESs).

The HSI T&E of AI-enabled capabilities (AIECs) is necessary to build justified confidence that DoD warfighters can utilize their technology to execute their missions successfully.

## T&E Strategies for AIECs

This Section:

- Specifies the role of the current document within the larger framework
- Provides an overview of the framework for the test and evaluation of AI-enabled capabilities produced by CDAO Assessment and Assurance

## HSI T&E is important

This Section:

- Provides a brief overview of human systems integration (HSI) and explains why it is critical to do it well
- Justifies the importance of HSI in a world of autonomy and AIECs and discusses how operationally relevant context impacts technology utilization
- Introduces the OODA loop as a heuristic for thinking through program-specific HSI implementation