Human-System Interface Assessment Tool

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Abstract: We find the main weakness of the Hierarchical Task Assessment (HTA) is that it takes one day per technology to conduct, and therefore limits the amount of technologies it can assess per Technical Support and Operational Analysis (TSOA) event. We determine the best solution is to develop a new usability assessment: we call Soldier Feedback Survey (SFS). The purpose of the SFS is to be used in concert with HTA in order to evaluate more technologies per assessment event. The current SFS prototype consists of twelve questions that are answered by a combination of objective ratings and subjective responses. In addition, the survey possesses an opportunity for soldiers to provide the technologies with improves and sustains. The SFS provides a less comprehensive, yet useful, standardized assessment that can reach a greater amount of technologies per TSOA event than the current HTA.

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