



Electronic Technical Work Document (eTWD) Implementation

Electronic Technical Work Document (eTWD) is a reengineering solution of the way public Naval Shipyards will plan, execute, and certify numerous work documents pertaining to ship maintenance. This innovation transitions the hard copy paper environment to a paperless environment using electronic document management via a handheld tablet. The implementation team's mission was to identify and implement the engineering, production, and quality assurance process changes required to use eTWD at Norfolk Naval Shipyard, one of the four public shipyards. Additionally, the team was tasked with testing new IT equipment and developing deployment and training strategies.

Shifting to electronic document management eliminates non-value added efforts to manage/maintain paper copies, reduces entry data errors, and reduces the time required to disseminate information and improves efficiency by changing the process of certification to an electronic function that authenticates proper completion of all work and tests in real time vice "after the fact" methodology currently employed.