Business Process Transformation Mission

	As Is	To Be
Product: Remediation Language Information Classifier (ReLIC) **Partner:** Washington Headquarter Services (WHS)	Manual review of 41,000 forms @ apprx. 5 mins. Each for OMB compliance	Expert system reviews 41,000 forms, total time savings 1300 hours
Product: AI-enabled RPA **Partner:** Office of the Deputy Assistant Secretary of the Army (ODASA) for Financial Information Management (FIM)	Robotic Process Automation platform resolves transaction matching errors, but some errors are complex/non-logi and require human intervention	ML model learns to resolve unmatched transaction errors and is integrated into RPA workflow
Product: Policy Analysis Tool (Game Changer) **Partners:** OUSDI&S and WHS	Policy analysts manually search existing policy issuances to identify relevar information, find relationship between policies and ensur new policies do not conflict with existing issuances.	Use NLP to turn unstructured text into structured data that can be used to build models for automating policy review; minimize the time it takes to issue new policies through knowledge maps and semantic analysis of policy topics.
Product: Correspondence Generator **Partner:** Air Force Executive Secretariat	Correspondence is manually reviewed for consistency with existing format guidelines at every level of chain of command prior to being advanced. Review of one memo for accuracy could take up to 15 minutes.	**Part 1:** Automate through logic-based expert system template and grammar rules in Air Force correspondence guidance, reduce time spent on correspondence by 50 percent. **Part 2:** Use ML to learn correspondence routing based on text.
Product: ONI Acquisition Alert Automation **Partners:** ONI and ODNI	IC contracting data should not be posted to public facing websites like FPDS, unlike other contracting efforts, but many service intelligence agencies use non-IC contracting offices that are not aware of this rule.	Use RPA technology to routinely web-scrape FPDS for text that might be indicative of IC contracting, alert FPDS and the contracting office automatically via email.
Product: MyNavy HR **Partner:** OPNAV N1	Personnel Support Detachments (PSD) manually process thousands of pay related actions to facilitate personal changes in sailors' lives (marriage, PCS, childre etc.). They are unable to quickly resolve these actions due to volume	Use RPA technology to automate document processing and data updates in Navy personnel systems to enable PSD staff to focus on more challenging cases.