

One of the key linkages between the Integrated Work Plan (IWP) and the Enterprise Architecture (EA) is the Enabler to Operational Activity (OA) alignment. This relationship serves to integrate two of the core NextGen Products by detailing the direct connection (or relationships) between the planned material and non-material solutions and the NextGen operational activities and subsequent capabilities that they will support.

The alignment is based on detailed analysis of the descriptions of the Enablers and the operational environment of which it will support. The guiding concept was to create alignment between solutions at the lowest appropriate level activity based on the primary functional intent of the Enabler. The architecture team worked closely with subject matter experts in this alignment effort.

The results of the Enabler to OA alignment are directly related to the development focus for FY11 EA, with specific emphasis on the Weather and Surveillance segments of the architecture. Within the architecture, the Enablers that effect or impact these segments have been fully integrated into these segments and appear on the appropriate activity model diagrams. The remaining Enabler and OA links are displayed in a standalone report that provides a holistic view of the IWP alignment throughout the other segments of the EA.

Of the remaining Enablers, many were aligned directly to the top-level operational activities of the EA. This is because several architecture segments are still evolving and require additional decomposition, therefore to account for alignment, the Enablers were aligned to the top level activities to begin accounting for their impact, and to also assist with operational and system analysis. The Enabler to Operational Activity alignment is as follows:

- Provide Airport Services: 61 Enablers aligned
- Provide Flight Operator Services: 0 Enablers aligned
- Conduct Aircraft Flight: 79 Enablers aligned
- Provide Air Navigation Services: 77 Enablers aligned
- Provide Information Services:
 - Provide Weather Information: 63 Enablers aligned
 - Provide Surveillance Information: 33 Enablers aligned
 - Provide Fixed-Object Information: 2 Enablers aligned
- Provide Risk Management Services:
 - Manage Safety Risk: 62 Enablers aligned
 - Manage Security Risk: 2 Enablers aligned
 - Manage Environmental Risk: 44 Enablers aligned
 - Manage Cyber Security: 1 Enabler aligned
- Operate in the Net-Centric Environment: 63 Enablers aligned

All of the 419 Enablers have been aligned to at least one OA, but may have relationships with multiple architecture segments. As the additional EA branches are further developed and decomposed to provide the same or complimentary levels of detail as Weather and Surveillance, the Enabler alignment will be refined and be more fully integrated into the EA models. Adding the Enabler associations to the EA diagrams will explicitly link these solutions to the activities and the corresponding information exchanges. This integrated view will aid in future analysis of the system and solution set environment by providing insight in to the level of automation utilized to accomplish the NextGen mission. In addition it will support an analysis of system to system links to ensure that the planned infrastructure will provide the necessary data to the appropriate users.