



Logistics Enterprise Architecture (LogEA)

“Providing a single authoritative strategic map of future Logistics business practices, systems, and organizations”

Why transform?

The United States Air Force logistics environment is one of the largest and most complex supply chain (logistics chain) management environments in the world, involving millions of parts, thousands of business and production processes, and hundreds of information systems. There are significant opportunities to improve Logistics performance and cost. Current processes, organizations and systems limit the ability to realize dramatic improvement. This requires a revolution in thinking and action.

There are many disparate on-going initiatives within the Logistics community that seek to improve Logistics performance. While all of these initiatives are moving toward good goals, they are not necessarily moving toward common goals. There is not a common awareness or understanding of how these initiatives must integrate in a coordinated fashion to meet AF corporate goals. Further, multiple architectures are being developed at the OSD level, AF level, Command Level, and Air Staff level that require Logistics involvement and compliance.

What is LogEA?

The Logistics Enterprise Architecture (LogEA) seeks to provide a single authoritative strategic map of future Logistics business practices, systems, and organizations. LogEA is a compilation of Operational Architecture, Systems Architecture, and a Transition Plan that will provide the overall future state direction for Logistics. LogEA will define and implement the guiding principles for the Logistics Transformation via the implementation of business processes, systems, and organizations. In addition, it will provide the framework to meet future POM requirements

(BMMP/BMEA), become the Logistics Enterprise Governance document, become the guide for centrally managing the implementation of Enterprise wide initiatives and provide EA guidelines for de-centralized implementation of initiatives.

What are other successful Supply Chain operations doing?

Successful Supply Chains within and outside the DoD community have defined future state architectures that guide their transformations. To successfully meet organizational goals, a clear definition of the desired end state, the path to reach the end-state, and the means by which to reach it must be clearly articulated. Companies such as Boeing, Lockheed Martin, Procter & Gamble, and Eastman Kodak have defined future supply chain architectures, to guide their transformations by detailing the steps necessary to achieve the end-state, the resources required, and how to marshal those resources via a series of initiatives to deliver on the organizational goals. Further, organizations use Enterprise Architecture to ensure that a holistic view is adopted.

What are our goals?

- 20% increase in equipment availability
- reduce annual O&S cost by 10% (\$3.5B) NLT FY11

Future Supply Chain Operations Vision:

- Flexible, responsive, scalable, modular, expeditionary capability tailored to meet the full range of mission need

- Well-led, motivated, skilled people with the tools to get the job done.
- Centralized, enterprise focused, iterative planning process
- Dynamic, unified, and cascading goals
- Network-centric operations – centralized planning, decentralized execution, real-time C3I
- Integrated supply chain across the AF and partners (suppliers, DoD, customers)

What is different in the future state?

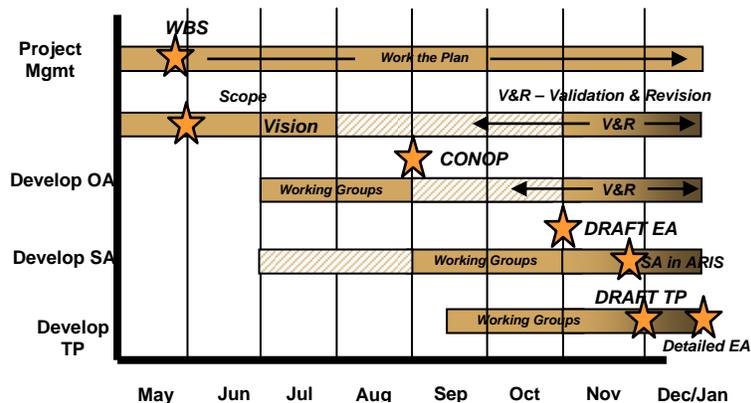
We will manage the logistics enterprise as a single enterprise and eliminate the vertical stovepipes of the past by re-aligning organizations, where necessary. We will enable our logistics chain management with best practice solutions wherever possible and leverage fully integrated and web enabled systems. We will codify our single end-to-end focus on customer support using a performance driven culture focused on enterprise mission goals. We will manage the process in real-time with a focus on proactive/anticipatory management with business intelligence, event-driven modeling and visualization systems, and supply chain dashboard capabilities. We will adopt management by responsibility, accountability, and authority rather than through many metrics and oversight. We will redefine the Air Force logistics structure to become network centric with dynamic C3I and instant feedback permitting rapid supply chain reconfiguration - in other words, a plug and play logistics network for maintainers, suppliers (including organic), inventory managers, etc. We will enable this network structure by transitioning to strategic planning and enterprise management based upon a common operating picture and by centralizing our planning and distribution functions, while maintaining decentralized execution. We will ultimately bring into alignment our logistics systems, processes, procedures, organization, infrastructure to create a responsive, reflexive

and robust logistics chain.

We will adopt transformational postures relative to integrating the logistics chain. We will eliminate or outsource those functions, organizations, or processes that do not support our core competencies while focusing on becoming the best in class for Air Force core competencies. We will fully integrate the core competencies of other organizations – public or private – into our logistics processes and exploit the core competencies of other organizations by leveraging partnerships wherever possible.

What is our timeline?

The LogEA was initiated in April 2003. The draft architecture is expected to be complete in October 2003 with the LogEA being complete in Dec 2003/Jan 2004.



How can I learn more about LogEA?

For more information, we invite you to visit our eLog21 website at:

<https://www.my.af.mil>

AF Home > Transformation > eLog21

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