



*Figure 1.3.1. Joint Capabilities Integration and Development System and Defense Acquisition*

There are several key points portrayed in Figure 1.3.1.. First, Joint Capabilities Integration and Development System is based on a series of top-down analyses ultimately derived from formal strategic-level guidance, including the National Security Strategy, National Military Strategy, Joint Vision 2020, and the report of the Quadrennial Defense Review. Second, these analyses assess existing and proposed capabilities in terms of their contribution to emerging joint warfighting concepts. Moreover, rather than focusing on the capabilities of individual weapon systems in isolation, the analyses assess capabilities in the context of integrated architectures of multiple interoperable systems. Third, from these overarching concepts, the Joint Capabilities Integration and Development System analysis process identifies capability gaps or shortcomings, and assesses the risks associated with these gaps. These gaps may be addressed by a combination of materiel and/or non-materiel solutions (non-materiel solutions would be changes to doctrine, organization, training, leadership and education, personnel, and facilities). Fourth, recommended materiel solutions, once approved, lead to acquisition programs. For such programs, at each acquisition milestone, Joint Capabilities Integration and Development System documents are provided that will guide the subsequent development, production and testing of the program. Further information on the Joint Capabilities Integration and Development System analysis process, as well as the nature and role of each of the Joint Capabilities Integration and Development System documents, can be found in CJCS Instruction 3170.01, Enclosure A.

For Acquisition Category I and IA programs, and other programs designated as high-interest, the Joint Requirements Oversight Council (JROC) reviews and validates all Joint Capabilities Integration and Development System documents under its purview. For Acquisition Category ID and IAM programs, the