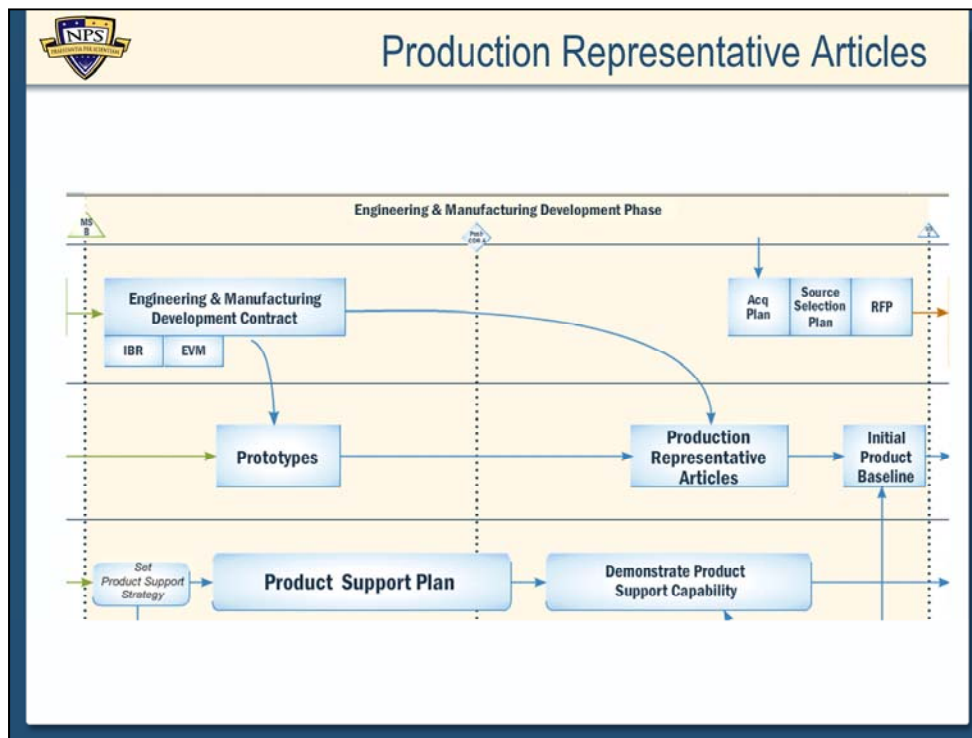




**Major Products  
Production Representative Articles**

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In Module 8, we talked about the Engineering and Manufacturing Development Contract. That contract led to the development of prototypes in the Contracting view of the EMD phase. And prototypes lead to Production Representative Articles and the Initial Product Baseline.

Remember, one of the objectives of the EMD phase is to reduce the risks associated with both integration and manufacturing. Another objective is to ensure that the system is designed for producibility. That means the system needs to demonstrate effective and efficient manufacturing processes that are timely and affordable and that what is produced and delivered to the Warfighter is a quality product.

So, in order to support the manufacturing objectives of this phase, the contractors need to demonstrate the ability to produce more than just prototypes. They need to demonstrate a production capability for the articles that eventually will be tested. The production articles will align with the Initial Product Baseline that was developed during the EMD Systems Engineering Process and the Critical Design Review.

In most cases, HSI practitioners are not directly involved in these production and manufacturing activities, but they should try to monitor them as closely as possible. This is the best way to ensure that all of the HSI requirements that were written into the JCIDS and other acquisition documents actually made their way into the production version of the systems.