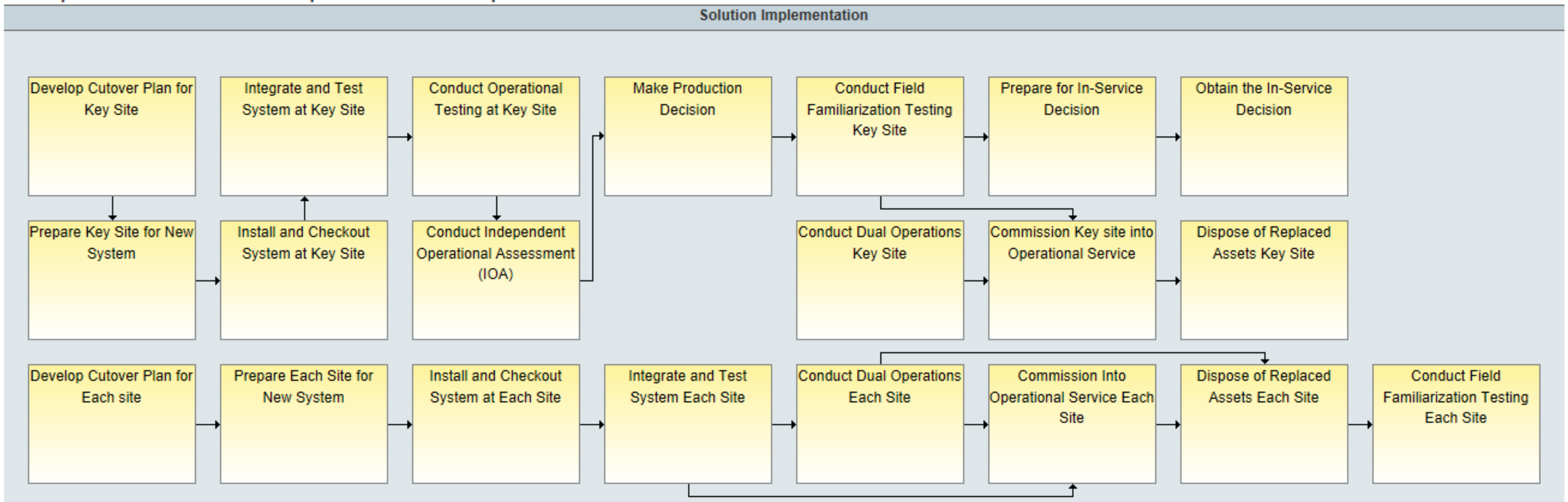Developmental Hardware and Developmental Software - Implementation