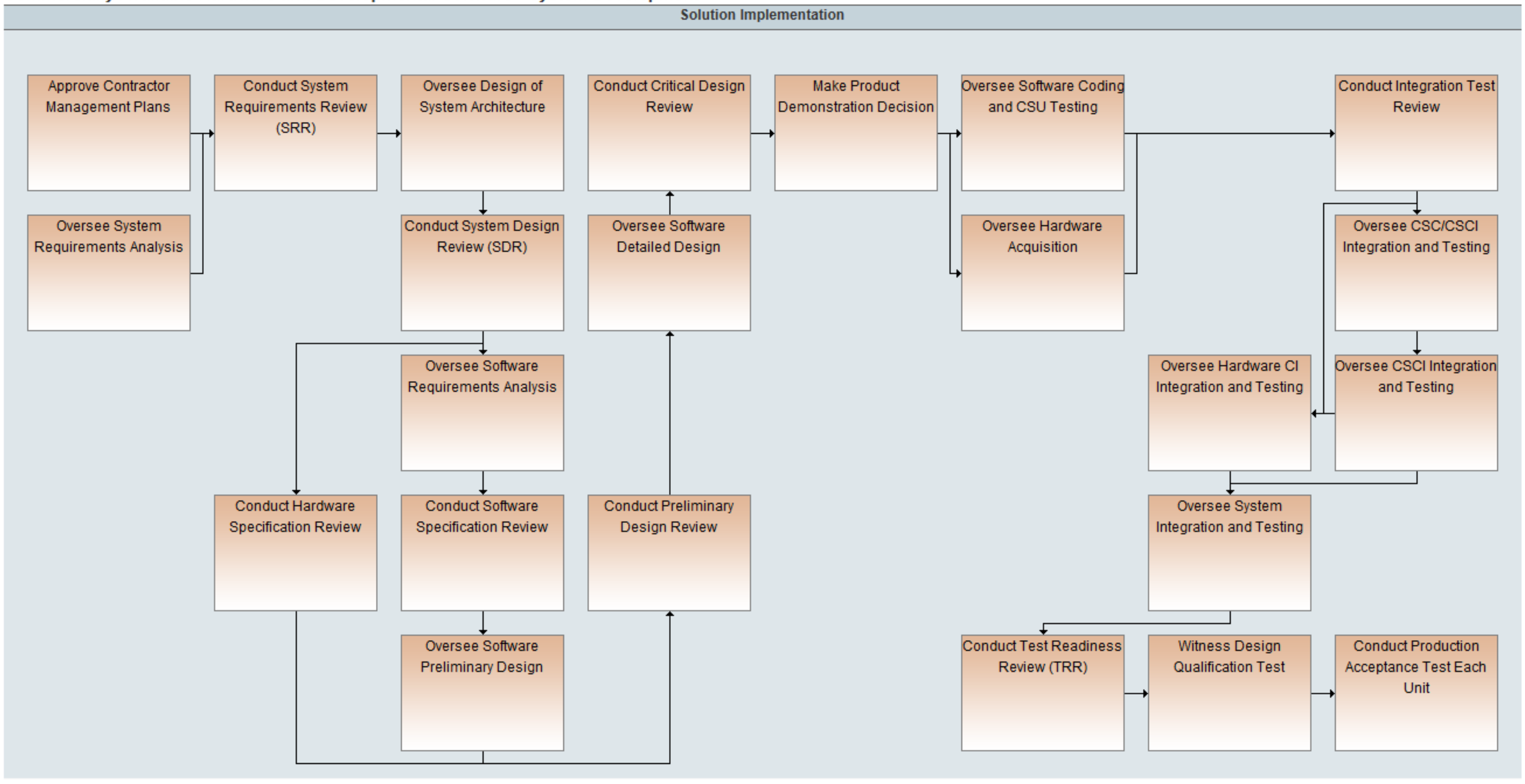Commercially Available Hardware and Developmental Software - System Development