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Achieving Affordability Through SoS Integration

There are three basic approaches for achieving affordability. The most common approach is to pursue cost efficiencies, which is both necessary and valuable. The second approach is to prioritize capabilities and trade off requirements, ensuring that the portfolio budget is optimally allocated. The third approach, one that not pursued as often, is to integrate systems to realize SoS capabilities as a substitute for single-system capabilities. The reason this approach is not often used is that when we start to integrate systems to produce capabilities, things get complicated. Looking at the problem from an SoS perspective is very advantageous in navigating these complexities.