Systems Engineering: Designing Integrated Solutions to Complex Problems

Systems Engineering (SE) is an interdisciplinary approach to solving complex system problems through the development of integrated systems solutions. It focuses on defining customer needs and documenting requirements early in the development cycle then proceeding with designing, validating and implementing innovative solutions while considering both the business and technical needs of all stakeholders. Systems Engineers lead team efforts that integrate various disciplines through a structured development process that begins with initial concepts and leads ultimately to system production and successful operations.

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