

Systems Architect Engineer: Associate Principal Systems Architect Engineer

Designs and develops system architectures and defines key capabilities and performance requirements. Defines total systems design and technology maturity constraints in accordance with mission requirements. Develops systems and system element architecture and design and interface definitions. Defines system implementation approach and operational concept. Develops models and architectural guidelines for current and future system development. Ensures requirements are met and evaluates performance with customer.

Discretion/Latitude

Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Completed work is reviewed from a relatively long-term perspective, for desired results.

Knowledge, Skills, & Abilities

Applies extensive technical expertise and has full knowledge of other related disciplines. Answers technical questions regarding products and services and may take part in putting together proposals, configurations and product offerings.

Problem Solving

Develops technical solutions to complex problems that require the regular use of ingenuity and creativity.

Impact

Regularly called upon to function in a project leadership role. Erroneous decisions or recommendations would typically result in failure to achieve major organization objectives

Liason

Represents the organization as the prime technical contact on contracts and projects. Interacts with senior external personnel on significant technical matters often requiring coordination between organizations.

Minimum Education and Experience

10-12+ years with a BS in designated Engineering or a related field. Employees usually have an advanced degree in field of specialization.