

# Systems Architect Engineer: Systems Architect Engineer III

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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**

Works under only general direction. Independently determines and develops approach to solutions. Work is reviewed upon completion for adequacy in meeting objectives.

## **Knowledge, Skills, & Abilities**

Complete understanding and wide application of technical principles, theories and concepts in the field. General knowledge of other related disciplines.

## **Problem Solving**

Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable and consistent with organization objectives.

## **Impact**

Contributes to the completion of specific programs and projects. Failure to obtain results and/or erroneous decisions or recommendations would typically result in serious program delays and considerable expenditure of resources.

## **Liason**

Frequent inter-organizational and outside customer contacts. Represents the organization in providing solutions to technical issues associated with specific projects.

## **Minimum Education and Experience**

5-8+ years with a BS in designated Engineering or a related field.