

# Communications Systems Engineer: Communications Systems Engineer III

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Analyzes, models, designs and simulates communications systems, subsystems, and algorithms for communication networks, data links, digital radio, battle management, and command and control systems such as wide and local area networks, point-to-point systems, secure systems, signal coding and modulation schema, digital radio/communications technology and network architecture design.

## **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 and Abilities**

Complete understanding and wide application of technical principle, 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 or erroneous decisions or recommendations would typically result in serious program delays and considerable expenditure of resources.

## **Liaison**

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 BS in designated Engineering or related field.