

# C3ISR Engineer: Associate Principal C3ISR Engineer

---

Researches, designs and develops command, control, communications, intelligence, surveillance and reconnaissance (C3ISR) systems that analyze electronic signals from command centers (air, ground, space and sea) for real-time situational awareness and responses. Analyzes and develops system requirements, develops and tests system architectures, modeling and simulations.

## **Discretion/Latitude**

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

## **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 their field of specialization.