



Operations Research Analyst Washington, DC

Description: Novonics Corporation is seeking highly motivated individuals to formulate and apply mathematical modeling methods to develop and interpret information that will support National Airspace System (NAS) architecture efforts.

Tasking:

- Provides expertise and supports the conduct of investment analyses or other complex system operational analyses.
- Provides expertise and supports the conduct of the full range of investment analysis activities including market survey, cost analysis, benefit analysis, risk analysis, economic analysis, requirements definition, schedule development, and tradeoff studies.
- Provides expertise and supports evaluation and presentation of alternatives.
- Provides operational analysis support to all phases of the Life Cycle Acquisition process.
- Conducts operational analyses of existing air traffic systems using subsystem performance measures, criteria, and standards to determine requirements for needed changes.
- Evaluates, selects, and uses tools of modern operations research (such as commercially available decision and analytical support software tools) to conduct system-wide analysis of the NAS.
- Supports NAS architecture efforts including economic analysis of architecture alternatives, architecture issue resolution, and affordability analysis.

Education:

Must have a Bachelor's Degree in an applicable field of study and ten (10) years of relevant experience OR twenty (20) years of relevant experience. More senior position requires a Masters Degree in an applicable field of study and ten (10) years of relevant experience OR a Bachelors Degree in applicable field of study and fifteen (15) years of relevant experience OR twenty-five (25) years of relevant experience.

Experience/Knowledge:

- Must have experience in conducting quantitative analysis using operations research tools, economics, and other quantitative techniques.
- Must demonstrate competence in the rigorous methods of scientific inquiry and analysis
- FAA experience is desired.

Travel: Some travel may be required.

EOE/M/F/D/V/AA