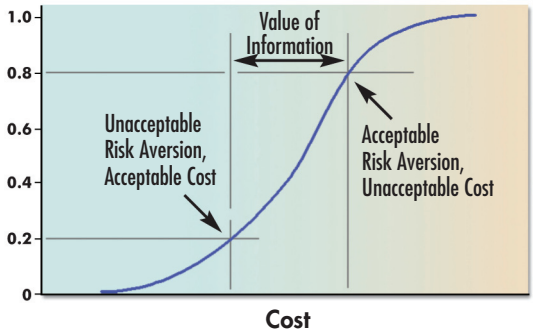
Independent Cost Estimation

Futron provides independent cost estimates (ICE) for complex technical systems being developed by government and commercial clients. Futron applies parametric and engineering cost estimating techniques for all phases of a project from conceptual design through operations and project closeout. In performing these assessments, Futron applies its risk assessment expertise to identify and quantify cost risks associated with the project. The resulting estimate provides a comprehensive assessment of cost, schedule, and technical risks.

Futron's cost analysts employ in-house and commercially available models and databases in the performance of their estimates. The validity of their tools and approaches has been proven through such efforts as:



- ICE of shuttle-derived launch vehicles for space exploration information collected at each stage.
- Life-cycle-cost estimates (LCCE) of competing launch vehicle options, including trade analyses supporting decisions by the government.
- ICE of space transportation architectures to meet future NASA and DoD launch requirements.
- ICE of proposed upgrades for the Space Shuttle to support extending Shuttle service until 2020.
- ICE in support of a variety of launch vehicle studies, including Shuttle-C, X-33, Advanced Launch Systems (ALS), and various commercial launch vehicle concepts.
- Development of an Operations Cost Model for Space Shuttle and Shuttle-derived systems.

Futron uses its cost estimating and analysis capability to provide its clients with the information needed to make decisions at program inception and throughout its execution. Up-front trade studies of cost/risk/performance implications of engineering proposals are used to support design decisions. Risk-based cost estimates provide a sound basis for establishing budgets for new programs. Continuous monitoring and forecasting cost changes enable decisions at each phase of a program.

Services

- Independent cost estimates
- Life-cycle cost estimates
- Cost risk assessments
- Cost/risk/performance trade studies
- Business case analysis
- Cost model development

Futron Corporation
ISO 9001 Registered
7315 Wisconsin Avenue, Suite 900W, Bethesda, MD 20814
www.futron.com • info@futron.com • 1.800.807.4927