
What Are the Benefits of VA?

Value Analysis will improve your ability to manage projects, solve problems, innovate, and communicate.

A VA program in your organization will provide your staff with a definitive tool to improve value in any product, project or process.

Cost savings, risk reduction, schedule improvements and even improved job satisfaction can and have been the outcomes of VA studies.

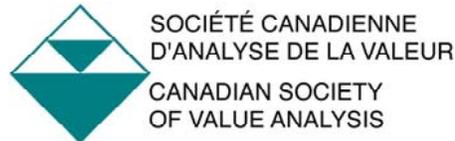
A VA typical study involves a multi-disciplinary team at a workshop lasting 3 to 5 days. The payback from the investment in VA typically exceeds 10:1.

Join the Canadian Society of Value Analysis (CSVA)

The CSVA is a professional society dedicated to the advancement of VA in Canada. The CSVA provides a forum for information exchange on VA techniques, VA applications and VA management.

Your membership in the CSVA gives you opportunities for career growth, professional development, information, contacts, new ideas, involvement and recognition. All this lays the foundation for greater career success!

The Canadian Society of Value Analysis mission is to promote the application of the value methodologies in Canada for the benefit of governments, industry, practitioners and society.



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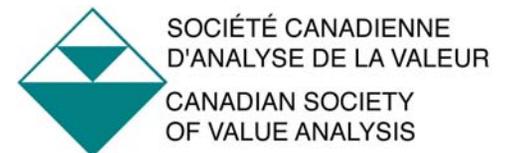
<http://www.scav-csva.org/>

Cette publication est aussi disponible en français

Value Engineering



Value Analysis



What is Value Analysis?

Value Analysis (VA) (also known as Value Engineering, Value Methodology, or Value Management) is a systematic and function-based approach to improving the value of products, projects, or processes.

A VA study involves a team of people following a structured process. The process helps team members communicate, understand different perspectives, innovate, and analyze.



What is Value?

Value is a personal perspective of your willingness to pay for the performance delivered by a product, process or project.

Good value is achieved when the necessary performance can be accurately defined and delivered at the lowest life cycle cost.

What Does Value Analysis Do?

Value Analysis improves value. Improvements to value might include reducing cost in an automotive part, improving the life cycle cost of an airplane or building, increasing the efficiency of a water treatment plant, restructuring a government department or improving a transportation project.

VA focuses on delivering the product or service at the best price by incorporating those value characteristics deemed most important by the customer.

Value Analysis uses a combination of creative and analytical techniques to identify alternative ways to achieve objectives.

The use of Function Analysis differentiates Value Analysis from other problem solving approaches.

How does Function Analysis work?

In **Function Analysis**, an active verb and a measurable noun describe a function. As an example, the function of this pamphlet is to “inform reader”.

How Does VA Work?

Value Analysis follows a structured thought process to evaluate options. Every VA session goes through a number of steps:

Gather Information

What is being done now?

Analyze Functions

What must be done?

What does it cost?

Generate Ideas (Brainstorming)

What else will do the job?

Evaluate Ideas

Which ideas are best?

Develop Ideas

What are the impacts?

What is the cost?

Present Ideas

Sell Alternatives