

## Case study

# Avcorp



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### Profile

*Avcorp Industries Inc. is a leading supplier of engineering design and manufacture of parts, sub assemblies and complex major assemblies for aircraft manufacturers. Established in 1986, Avcorp is a Canadian public company (symbol AVP on the Toronto Stock Exchange) with over 40 years' experience, a highly-skilled workforce of approximately 400, and a state-of-the-art 300,000ft<sup>2</sup> manufacturing facility.*

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### Further info

[www.avcorp.com](http://www.avcorp.com)

Building on an initial process mapping project for regulatory compliance, Avcorp has extended their use of Corporate Modeler to create an assessment system for prioritizing process projects across the enterprise. This approach enables Avcorp to define a critical path for projects that reduces risk and improves efficiency quickly.

### Challenge

Rapid growth, evolving manufacturing philosophies and tightening regulatory pressures have each brought their own demands on Avcorp. The company identified a need for a method to sort and rank improvement opportunities across three realms of the business. As part of this new focus on processes, Avcorp concluded they would benefit greatly from a central process modeling tool.

### Solution

Avcorp chose a multi-user installation of Corporate Modeler to map a substantial part of their organization. After analyzing each activity, they identified a 'degree of formality' for each – how established the way of working was. An interview protocol was developed to collect more detailed tactical information on each of these activities – including the 'risk of failure' for each.

Avcorp collated this information into a 'Cost Risk Assessment Matrix' establishing the likelihood of failure, and what the subsequent cost and impact of that failure would be to the business.

### Results

Corporate Modeler has helped Avcorp rank their processes by material cost, labor cost, risk and cost of failure. This method of analysis provides a level of quantification to cost risk, which, in a change management environment, provides a 'critical path' for scheduling process improvement activities.