



Manufacturing

## Manufacturing Cost Management

Akoya announced the commercialization of its analytical software, Akoya CMA (Cost Management Analytics), which is designed to help manufacturers reduce product costs by identifying opportunities for better design, sourcing and manufacturing processes. According to the company, it is currently difficult and time consuming for manufacturers to break down products into cost elements and to understand what drives these costs from a design and manufacturing perspective. Compounding the problem, manufacturers must manage hundreds of thousands of parts at a time.

Akoya's software reportedly analyzes feature information from a manufacturer's product design CAD files and purchasing information, identifies the specific characteristics that have the greatest affect on the costs of the products and determines how to reduce overall costs of the products through better design, sourcing and manufacturing practices.

The company reports that Akoya Cost Management Analytics includes the following capabilities:

- **Deep Visibility:** Akoya CMA reportedly drills down deeper and more rapidly into parts data to the specific features to identify specific cost drivers around procurement of parts.
- **Fast Execution:** The company reports that Akoya CMA enables cost modeling on large amounts of individual parts in a fraction of the time, often from days to hours and months to weeks.
- **Increased Accuracy:** According to the company, Akoya CMA provides critical inference into root causes for cost misalignment -- this means no more speculation or guesswork.
- **Collaboration:** Akoya CMA reportedly provides a common language, which increases collaboration between purchasing and engineering.
- **Efficient Supplier Relations:** Akoya CMA reveals new insight into the best-fit supplier for a particular part or group of parts, as well as highlights cost realignment opportunities.
- **Scalable:** Users can tailor Akoya CMA to meet growing business demands.
- **Evolving Value:** The company also reports that Akoya Cost Management Analytics can evolve to provide a smarter, more efficient means of cost management in the introduction of new parts.