ADVIZOR In Manufacturing

ADVIZOR® Solutions' data discovery and analysis software enables people to make better and faster fact-based decisions from their business data without relying on others to prepare or interpret the results. Powered by patented data visualization, leading edge predictive analytics, and in-memory-data-management technology, ADVIZOR is world-class in empowering people to display, analyze, and share their business information.

Proven Benefits for Manufacturing

ADVIZOR is in use today across a wide range of Manufacturing disciplines because it helps people get timely access to the information they need to make key decisions.   Planners and Analysts, Floor Managers and Supervisors, Heads of Sales & Marketing, Product Management Directors, and General Management have all found the freedom to quickly get answers to questions that had been previously bottlenecked by overloaded IT staff, or for which information was simply not available.   ADVIZOR supports the Manufacturing sector in a number of key areas:

- Shop Floor Performance
- Scheduling
- Production Planning
- Customer Insight

- Product Management
- Market Research
- Human Resources
- Administration

"Before ADVIZOR we were responding to events on the floor. We could not easily look at trends and statistics to determine what was causing good and poor performance. Reports were limited and it was impossible to conduct comparative analyses with any degree of speed, sophistication or flexibility! We needed to change the whole process in order to continue to lead our industry."

Matt Delawder, VP of Fastener Sorting, SWD Inc., Chicago

ADVIZOR provides information in clear displays with dynamic interaction so that managers quickly get fact-based answers to their key questions. It includes predictive modeling for understanding causal factors and for creating scored and prioritized lists.
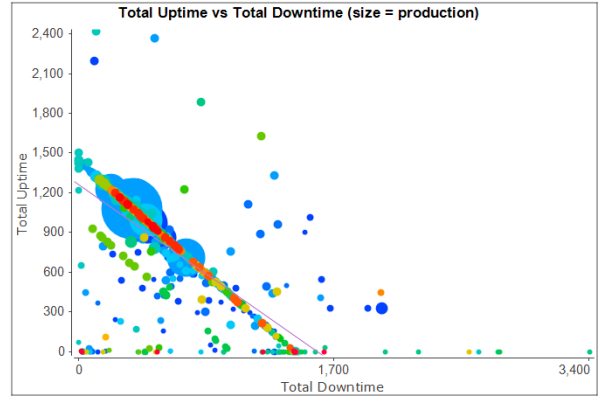
Operations

Shop Floor Performance

Understanding the patterns and "stories" in operational systems' data is critical to improving efficiency and effectiveness. Today much information is available, but it is often presented in rolled-up and/or summarized form, and cannot be easily dissected by those managing the floor. The result is two fold: (1) suboptimal decision making, and (2) delays and excess IT work to produce additional reports upon request

ADVIZOR provides a highly intuitive display and interaction capability that facilitates easy answers to questions such as: (1) "which machines are performing the best and under what circumstances?"; (2) "which operators are performing the best and why?"; (3) "what categorizes my most productive versus non-productive jobs"; or (4) "which tooling sets are performing well and why?"

Total Uptime vs Total Downtime (size = production)

Scheduling
Getting the right product on the right machine at the right time is key to profitability. ADVIZOR's interactive visualizations, combined with predictive modeling, quickly highlights what matters most and allows people to prioritize scheduling and operations.

Production Planning
Product planning is a balancing act between a whole range of conflicting interests and pressures. ADVIZOR makes it easy to work with multidimensional associations that are difficult to see and handle in reports and spreadsheets.

Sales and Marketing

Customer Insight
Critical understanding about which customers are responding to which promotions and with what actions is easily identified with ADVIZOR. Cut by unprofitable and declining customers, segment based on behaviors. Use ADVIZOR's predictive modeling to identify segments and action plans.

Product Management
Use ADVIZOR's portfolio displays and analytics to analyze your product portfolios. Understand the tradeoffs in price, performance, cost, promotion, and sell through. This type of multi-dimensional analysis is often done in Excel Pivot Tables, a format that is difficult to use, has limited scale, and a is poor format to show results and desired actions to management.

Market Research.
ADVIZOR creates a visual dashboard that is highly intuitive, excellent at crosstabs, and faster, and easier to work with. Communication and decision making are greatly accelerated.

Management & Administration

ADVIZOR is ideal for a variety of other applications in manufacturing including human resources and staff planning, financial analysis, and general administration / planning.

Transform Decision-making with Visual Discovery

Visual Discovery is the core patented technology that drives ADVIZOR's unique display, interaction and authoring capabilities. Leveraging an extensive algorithmic underpinning, business people are able to explore and understand their business data. ADVIZOR's unique display and interaction capabilities address key manufacturer needs.

With ADVIZOR, the visual display becomes the window to understanding, which leads to better business decision-making and improved performance.