

All industrial companies strive to maximize their asset performance. To do this, it is important to first understand the maximum asset capabilities (MAC) in production operations and assess the gap between the current and maximum potential asset performance. A thorough assessment will put these opportunities into financial terms, making future investment choices clearer.

ARC's Plant Performance Assessments are based on years of experience using available asset metrics and stochastically modeling abnormal events representing real-life performance.

## Operations Investment Strategy

Using Six Sigma tools and work processes, ARC analysts will begin with an in-depth assessment of your current investment in process automation solutions. Identifying operational areas with less-than-optimal asset performance will then reveal the opportunity gaps that could be addressed by future investments in process automation. ARC analysts can also work with your team to develop a comprehensive implementation strategy and roadmap for incrementally improving production operations through improved automation.

During the evaluation process, executives and managers develop a common understanding of the incremental value of automation improvements versus the total cost of ownership. With an economically justified roadmap defined, your company can be confident that it has a value-based investment strategy that will carry it into the future.

## Benefits

- Identify Value Creation Opportunities
- Reduce Operating Costs
- Reduce Unscheduled Downtime
- Improve Asset Performance



## Typical Challenges to Overcome

Industry is at an inflection point, starting to move beyond the old way of doing things:

- Investments are no longer being made on technology merit alone. Investment choices must be made on a Return on Asset (ROA) basis.
- In today's competitive environment, it's no longer adequate for assets to perform "good enough", they must perform at their maximum asset capability.
- Executive leadership holds multiple and inconsistent views of the needed changes.
- Internal staffs often don't have the time or the experience to perform unbiased analysis and assessment of the available opportunities to create incremental value.



Do all your plants operate at maximum asset capability?

## Prepare Now for the Future

Today, your operations may be operating well. You are producing product and your customers are satisfied. Reducing costs is always a goal, but sometimes difficult to achieve. What if you were able to view available options that could

improve the bottom line by improving the value created? What's important and what's not? What's real and what's too futuristic? What steps should you take now to be prepared for the future? All good questions...

ARC's Plant Performance Assessment services provide a structured way to:

- Compare your current production operations to modern/future practices and to other companies
- Determine a next-generation technologies strategy for production operations that supports your business goals
- Plan to manage organizational change issues
- Identify a logical series of steps to take in order to move from your "as-is" to your "to-be" state
- Identify and select appropriate technology/solution partners for the journey

For more information, please visit [www.arcweb.com](http://www.arcweb.com) or call 781-471-1000.