



**Aspen DMC3™**

# Sustain Optimal Process Performance With AI-Enabled Adaptive Process Control



**Aspen DMC3 Advanced Process Control**

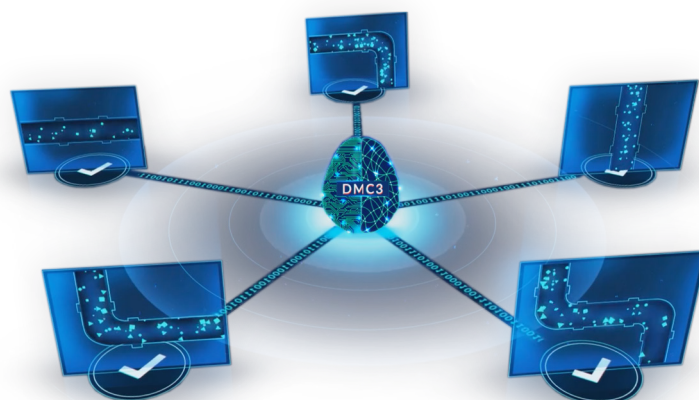
Ideal for Any Size Plant and Compatible With Any Process Control Platform

**Have You Been Looking for a Good Reason to Adopt an AI-Powered APC Solution?**

**Here Are 5 Great Reasons to Select Aspen DMC3:**

## 1 Optimize Production & Respond Faster

- Meet market demand, maximize margins and reduce energy consumption
- Achieve and sustain measurable improvements, like:
  - 2-5% increase in throughput
  - 3% increase in yield
  - 10% reduction in energy consumption
  - >50% reduction in product quality standard deviation
- Realize a surprisingly quick ROI



## 2 Leverage Powerful, Embedded AI

- Develop more accurate and sustainable APC models by combining linear and nonlinear variables in one model
- Improve ROI and energy efficiency with rapid controller deployment, continuous model improvement, and simplified workflows
- Revolutionize model building with AI and streamline controller tuning with step-by-step wizards

**3**

### Get Expert Advice With AVA (Aspen Virtual Advisor)

- Gain real-time insights into your APC controller, simply by asking
- Find hidden relationships between variables
- Analyze historical process data; assess the impact across multiple scenarios

**4**

### Enjoy APC Expertise 'In a Box' (Aspen Maestro™)

- Capture expert process knowledge and preserve the information for online deployment and sustained APC benefits
- Dramatically reduce modeling complexity and time
- Take advantage of an intuitive user interface designed to correspond to the APC project workflow

**5**

### Gain Impressive Results Without Adding Any Equipment or Personnel to Your Plant

- Vendor agnostic: compatible with Honeywell, ABB, Allen-Bradley, Emerson, Foxboro, Siemens, Yokogawa...and ANY other process control system platform
- Join others who have achieved these benefits:
  - One oil & gas company reduced operator interventions by 90%!
  - A global plastics manufacturer lowered energy usage by 20%!
  - A major chemical manufacturer saved \$1B worldwide!
  - An energy company experienced a 3% increase in yield... in only 6 weeks!



## See Where Aspen DMC3 Will Take Your Manufacturing Facility.

Contact the Experts at ECI to Learn More About Aspen DMC3, the 'Adaptive' Process Control Solution.

Founded in 1956, ECI specializes in providing best-in-class process control systems, automation products, pumps, and related solutions for manufacturing and industrial customers in the oil and gas, chemical, power, food and beverage, mining and metals, life sciences, pulp and paper, refining, petrochemical, OEM, and nuclear industries. In addition, ECI's experts and certified technicians provide reliability solutions, plant lifecycle services, process solutions, automation, and valve repair services for a wide variety of products. The company is proud to be your local Emerson Impact Partner serving Western Pennsylvania, West Virginia, Western Maryland, and Ohio.



ECI.us | 724-746-3700 | 2 Park Drive, Lawrence, PA 15055