

# Senergy Holdings – Advanced Process Control (APC) Brochure

## 1. What is APC?

Advanced Process Control (APC) is a technology that optimizes refinery and petrochemical operations through predictive modeling and automated adjustments. Senergy integrates APC to maximize yields, reduce energy consumption, and improve product quality.

## 2. APC Benefits

- Increased throughput and efficiency
- Reduced variability in processes
- Lower operating costs
- Enhanced energy efficiency
- Improved compliance with product specifications

## 3. APC Applications

- Distillation columns
- Catalytic cracking units
- Hydrocrackers
- Blending operations
- Utilities optimization

## 4. Why Senergy APC?

Our APC solutions are backed by deep process expertise and advanced algorithms, ensuring tangible improvements in refinery profitability and sustainability.