

Ecopetrol Extends Investment in Aspen Technology Solutions to Accelerate Digital Transformation Initiatives

Colombia's Largest Petroleum Company Deploys Aspen GDOT Software to Optimize Margin in Cartagena and Barrancabermeja Refineries

BEDFORD, Mass. – March 18, 2021 – [Aspen Technology, Inc.](#) (NASDAQ:AZPN), a global leader in asset optimization software, today announced that [Ecopetrol](#), the largest petroleum company in Colombia, has selected Aspen [GDOT](#)™ dynamic optimization software as part of its digitalization initiative to improve refining margins at its two refineries in Cartagena and Barrancabermeja, and upgrading to Aspen [DMC3](#)™ advanced process control software in Barrancabermeja refinery.

“Optimizing production and increasing margins in today’s downstream business environment requires digital technology that enables refineries to see the entire process and make adjustments based on real-time data,” said Francisco Trespalacios Vergara, digital downstream champion at Ecopetrol. “This combination of AspenTech solutions gives us unparalleled visibility and control so that we can respond to changes in market conditions and align our planning, optimization and control strategies at our Cartagena and Barrancabermeja facilities with our global models. These solutions also fit in with our corporate digitalization initiative that we call ‘Best of the Best,’ which is an effort to deploy the ideal technology solutions to meet our needs across the organization.”

Aspen GDOT and Aspen DMC3 join other AspenTech solutions currently used by Ecopetrol, including [Aspen PIMS-AO](#)™ for planning, [aspenONE® Engineering](#) for process optimization, [Aspen Petroleum Scheduler](#)™ and [Aspen Refinery Multi-Blend Optimizer](#)™ for scheduling, and [Aspen Operations Reconciliation and Accounting](#)™ for mass balance reconciliation. With Aspen GDOT, Ecopetrol aims to improve performance and margin by closed-loop coordination of multiple refining units in real time. Ecopetrol will use Aspen DMC3 to sustain optimal performance with adaptive process control technology that enables simultaneous process optimization, background model maintenance and testing.

“Ecopetrol is applying a truly innovative, state-of-the-art approach to production optimization and closing the gap between planning, scheduling and operations,” said Alex Muro, Vice President of Regional Sales for Latin America at Aspen Technology. “These solutions will

give these Ecopetrol facilities the agility and operational flexibility they need to adapt to customer demands and will allow Ecopetrol to achieve greater time to value by integrating with the AspenTech software already in place.”

Supporting Resources

- [Aspen GDOT™](#)
- [Aspen DMC3™](#)
- [Aspen PIMS-AO™](#)
- [aspenONE® Engineering](#)
- [Industrial AI](#)

About Aspen Technology

Aspen Technology (AspenTech) is a global leader in asset optimization software. Its solutions address complex, industrial environments where it is critical to optimize the asset design, operation and maintenance lifecycle. AspenTech uniquely combines decades of process modelling expertise with artificial intelligence. Its purpose-built software platform automates knowledge work and builds sustainable competitive advantage by delivering high returns over the entire asset lifecycle. As a result, companies in capital-intensive industries can maximize uptime and push the limits of performance, running their assets safer, greener, longer and faster. Visit [AspenTech.com](https://www.aspentech.com) to find out more.

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