

Global mining leader leverages AI to save 121,000+ hours annually

121K+
hours saved annually

89%
faster discovery

\$5M
saved



Challenge

Vale needed to improve efficiencies—fast. A significant increase in purchase volume was forecasted that would overload the team if operations weren't streamlined ASAP.

Solution

Vale used Automation Anywhere's AI-powered Process Discovery to rapidly identify areas to optimize. Advanced computer vision and AI monitored employees' actions, recording and analyzing more than 370,000 events to uncover how processes work across people, systems, and data. Based on this complete picture painted by Automation Anywhere, generative AI pinpointed five key processes for automation that would have a major impact. This gave Vale the momentum it needed to fast-track its next automation initiative.

Outcome

Thanks to Automation Anywhere and the power of AI, Vale was able to discover, prioritize, and automate at the high speed that circumstances demanded. In fact, the discovery process was an astounding 89% faster than previous efforts using Automation Anywhere's AI-powered Process Discovery. The five high-impact automations identified and implemented helped Vale get ahead of the purchase surge, saving more than 121,000 hours of labor and \$5 million per year.

“ Our discovery process typically took about 3 months. Now with Automation Anywhere's Process Discovery, it's just 10 days—and the AI process agent never forgets anything because it records everything. It's very detailed.

Alexandre Pigatti
Head of Artificial Intelligence
and Data Democratization
Vale



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