

Symphony IndustrialAI's Performance 360™ Shortlisted for 2021 Mining Magazine Awards

The recognition highlights Symphony IndustrialAI's proven solution for increasing yield and enabling sustainable mining

Woburn, MA – January 4, 2022 – Symphony IndustrialAI announced today its Performance 360™ has been shortlisted for the 2021 Mining Magazine Awards for software.

Performance 360™ is a process performance management solution that combines process condition insights, performance metrics, and process history to improve industrial process performance. Performance 360 uses industrial Internet of things (IIoT) solutions, curated AI, and deep learning technologies to predict how a process will perform in the future and identify potential process disruptions, quality issues, and trip conditions. Performance 360 delivers these capabilities with enough time to proactively avoid process trips, lost batches, decreased quality, and lost revenue due to reduced yield.

“We’ve deployed Performance 360 to complement the advanced plant control system at the grinding circuit for one leading mine, as one of many examples,” said Dominic Gallelo, CEO of Symphony IndustrialAI. “Net savings on a sustainable daily basis include more than a million liters of water, enough for a small town. Energy reduction amounts to 4 million units of electricity. This has been delivered together with increased production throughput of more than one percent, generating more than three million dollars of top-line growth on an annual basis.”

Since the introduction of Performance 360, Symphony IndustrialAI has responded to demand from a broad range of users, from mining to chemical to aluminum and more. Performance 360 also won the 2020 Oil & Gas Magazine Product of the Year and is the grand winner for Control Engineering Product of the Year and Hydrocarbon Processing Product of the Year.

Performance 360 differentiators include –

- **Shifting from time-consuming process modeling to an AI-driven data model** - Instead of large teams taking six months to get specific computations to run online, templates put processes online in weeks. Physics-based models also require training and retraining based upon different conditions. Performance 360™ continually adapts to the dynamics of the process using an AI engine.
- **KPI trending to process health and anomaly detection** - With KPIs, efficiencies of a compressor, for example, are defined by trends to see if it is moving out of limits. Performance 360™'s anomaly detection captures the interdependence of multiple events and highlights anomalies even if previously unknown.



- **Moving from static, rules-based advice to dynamic, AI-driven optimizers** – Rules-based expert systems limited by initial configuration can quickly run out of efficacy. Performance 360's AI-driven optimizers are live and continuously adapt to any change in process condition.
- **Advancing from empirical models and rules to supervised and unsupervised AI**
- Models are trained to find a range of known conditions or process faults. The Performance 360™ AI model continuously learns and separates unknown unknown operating zones from known operating zones and highlights them to the operator in a tangible manner.

About Symphony IndustrialAI

Symphony IndustrialAI is an innovator in industrial insight, accelerating autonomous plant operations. The industry leading EurekaAI/IoT platform and industrial optimization solutions connect tens of thousands of assets and workflows in manufacturing plants globally and process billions of data points daily, pushing new plateaus in operational intelligence. Symphony IndustrialAI digital manufacturing solutions connect devices, processes, people, and systems enabling harmonizing plant automation and control. Symphony IndustrialAI plant performance applications span asset predictive maintenance and process health and optimization, maintaining high availability of equipment, extending the life of capital assets, and reducing process variability. Symphony IndustrialAI solutions provide high value to its users by driving variability out of processes and optimizing operations for throughput, yield, energy efficiency, and sustainability.

About SymphonyAI

SymphonyAI is building the leading enterprise AI company for digital transformation across the most critical and resilient growth verticals, including life sciences, healthcare, retail, consumer packaged goods, financial services, manufacturing, and media. In each of these verticals, SAI businesses have many leading enterprises as clients. SAI is backed by a \$1 billion commitment from Dr. Romesh Wadhvani, a successful entrepreneur and philanthropist. Since its founding in 2017, SymphonyAI has grown rapidly to a combined revenue run rate of more than \$300 million and over 2,200 talented leaders, data scientists, and other professionals.

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