

### Digital transformation of the metal industry: Indofen leverages Siemens Xcelerator to drive efficiency, sustainability, and scalability

- **With Performance Insight, an Industrial Edge based solution from the Siemens Xcelerator portfolio, Indian furnace manufacturer Indofen accelerates the digital transformation for their customers**
- **Scalable model for adopting Industrial Edge solution for data-driven decisions in aluminum recycling and foundry operations**
- **Real-time data insights enable smarter, cleaner, and more efficient metal processing**

In a significant step towards digital transformation, Indofen Furnaces LLP, a premium furnace manufacturer from India specialized in advanced furnace systems for the aluminum recycling and die casting industry, has deployed Siemens' Industrial Edge solution to modernize operations. This strategic move is enabling Indofen to unlock new levels of efficiency, sustainability, and scalability for their customers - setting a precedent for the aluminum recycling and foundry sector.

In an industry where fuel consumption, process variability, and unplanned downtime can significantly impact profitability and sustainability, Indofen's adoption of edge computing and real-time analytics has delivered measurable improvements in operational transparency, process control, and decision-making speed. With this integrated solution from Indofen, companies can optimize fuel usage, reduce unplanned downtime, and maintain consistent product quality- all while meeting stringent environmental and regulatory standards.

“Siemens Performance Insight provides our customers a comprehensive view of furnace performance – including production data like metal charging and metal bale-out, fuel usage, temperature through real-time data, enabling operational transparency and swift informed decision-making,” said Ezhil Kumar, Managing Director, Indofen.

“Digitalization is the key to unlocking the full potential of India’s manufacturing sector. This collaboration is a great testimony to how the Siemens Xcelerator portfolio is enabling India’s small and medium enterprises to thrive in a digital-first economy by delivering scalable, intelligent, and future-ready solutions. We are proud that Indofen has chosen our Siemens Xcelerator portfolio to make data-driven decisions, enhance productivity, and scale sustainably.” said Suprakash Chaudhuri, Head of Digital Industries, Siemens Limited, India.

“To be more efficient and sustainable in operation, and staying competitive in the global market, we must make better use of data. The collaboration between Indofen and Siemens is one of the best references of how operators improve their processes based on the data generated from their installation,” said Yusuf Gündüz, Global head of Vertical Markets Paper & Metals, Digital Industries, Siemens AG.

Siemens Performance Insight is part of the **Siemens Xcelerator** portfolio—an open digital business platform that accelerates digital transformation across industries. For the aluminum recycling and foundry sector, where energy intensity, process variability, and quality control are constant challenges, such solutions offer a clear path to sustainable and profitable growth.

#### **Key Benefits for the Aluminum Recycling and Foundry Sector:**

- **Operational Transparency:** Real-time monitoring of furnace parameters such as fuel usage, metal charging, and temperature enables better control and consistency in output.
- **Energy Efficiency:** Data-driven insights help reduce fuel consumption and emissions, aligning with global sustainability goals and regulatory requirements.
- **Reduced Downtime:** Predictive alerts and performance analytics minimize unplanned stoppages, improving throughput and equipment lifespan.

- **Scalability:** Modular digital solutions allow them to support and scale operations without compromising quality or efficiency.
- **Regulatory Compliance:** Enhanced traceability and reporting support adherence to environmental and safety standards.

You can find this press release as well as a press picture at:

<https://sie.ag/3zkMmi>

More information about Siemens collaboration with Indofen at:

<https://www.siemens.com/in/en/company/topic-areas/digital-enterprise/references/indofen.html>

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**Siemens Digital Industries (DI)** empowers companies of all sizes within the process and discrete manufacturing industries to accelerate their digital and sustainability transformation across the entire value chain. Siemens' cutting-edge automation and software portfolio revolutionizes the design, realization and optimization of products and production. And with Siemens Xcelerator – the open digital business platform – this process is made even easier, faster, and scalable. Together with our partners and ecosystem, Siemens Digital Industries enables customers to become a sustainable Digital Enterprise. Siemens Digital Industries has a workforce of around 70,000 people worldwide.

**Siemens AG** (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. A leader in industrial AI, Siemens leverages its deep domain know-how to apply AI – including generative AI – to real-world applications, making AI accessible and impactful for customers across diverse industries. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a leading global medical technology provider pioneering breakthroughs in healthcare. For everyone. Everywhere. Sustainably.

In fiscal 2024, which ended on September 30, 2024, the Siemens Group generated revenue of €75.9 billion and net income of €9.0 billion. As of September 30, 2024, the company employed around 312,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at [www.siemens.com](https://www.siemens.com).