



INDUSTRY SOLUTIONS

Metals

Helping Metals Manufacturers Build Strength

Global competition, rising energy costs and the need to optimize production are but some of the challenges facing the steel, aluminum and specialty metals industry.

To stay ahead of the competition, metals manufacturers continually look for ways to improve the performance, output and maintenance operations. In truth, performance that was good enough a few years ago may not be good enough today.

InSource Solutions helps businesses gain strength with solutions that improve productivity-based processes across manufacturing operations, enabling manufacturers to:

- Pinpoint root causes of downtime and equip plant personnel with data to rectify poor performance
- Execute real-time control and maintain critical process parameters to respond to diverse customer demands
- Produce more uniform, high-quality metallurgical properties
- Enhance existing intelligence systems through flexible technology solutions — both software and hardware
- Increase yields and minimize energy costs through meticulous, real-time monitoring and quality controls

Total Process Enhancement

While many industrial automation solutions focus on improving the actual control of processes, few allow for the critical overview of the processes themselves. To avoid fractional improvement without re-evaluation, InSource helps you answer these critical questions:

- How do you get your arms around what you really need, and evaluate your options for manufacturing automation, performance monitoring and reporting?
- What new solutions, features, benefits and options are available?

- Will they integrate and collaborate with my existing legacy systems?
- How can I obtain a roadmap for implementation and be assured of its proper execution?

It's All About the Data. Creating a Plant-wide Data Deployment System

Our team of consultants and implementation strategists are seasoned in helping metals manufacturers design a road map to streamline production through data capture, trending and reporting controls. By applying these data capture and analysis tools, your manufacturing environment can achieve:

- Enhanced efficiency of production processes
- Improve repeatability and quality
- Reduction of scrap volume
- Better management of resources
- Process data verification to meet customer specifications
- Enhanced plant-wide communications
- Better collection and maintenance of compliance data
- Reduced costs

Establishing a Plant Intelligence Solution

Thousands of software and hardware solutions exist on the market today to help metals manufacturers gain better control of their materials process and handling, infrastructure facilities, information systems, environmental management (including air quality) and remediation and assessment of existing resources.

InSource can guide your business to the right mix of products and services to help you achieve your short-term goals — without compromising your long-term objectives. Whether a point solution, aimed at better control for one aspect of your operation, or a series of controls providing you better oversight of your manufacturing objectives, we can help you determine the best solution to fit within your plant information system.

Metals Manufacturers Client List

Alcoa	JW Aluminum Company
Allvac	Logan Aluminum
AmeriSteel	Mac Steel
Chaparral Steel	Nucor Steel
Franklin Aluminum	Phifer Wire Products Inc
International Steel Group	SMI Steel