



**Client:** Metal Industry Manufacturer  
**Project:** Asset Tracking Solution for Storage Facility

# Asset Tracking Solutions for Slab Yard in the Metal Industry

## ASSET TRACKING

## MATERIAL ID

GO2 Partners has worked with many of the nation's largest metal producers, providing invaluable expertise and solutions for asset tracking in the industry.

### Our Challenge

A longtime customer of GO2's struggled with tracking assets in its storage facility.

This manufacturer not only produced its own slabs, but brought in slabs from other facilities as needed or as opportunities arose. When the slabs arrived, the manufacturer would retag them with a polyester label on a metal plate that was nailed to the slab.

Several years ago, as sales grew and more slabs were needed, the storage process changed. Inbound slabs with the polyester label were stored near the made slabs that still had radiant heat from the production process. This heat would cause the polyester to melt and the label would become unreadable. If a label was unreadable, the slab would need to be reidentified in the metallurgy lab. It was estimated that this was costing the manufacturer as much as \$200,000 or more every year.

### Our Solution

GO2 was asked to review the situation with the facility staff. At the time, there was no product on the market that would solve the problem.

The GO2 team worked closely with a supplier to develop a new product for the customer. A high-temp adhesive was used on a label with an aluminum base and a ceramic coating. This made the label more resistant to high heat. In addition, the label was designed to work with standard thermal transfer printers.

The team ran a small-scale test before taking the solution to the rest of the facility. The initial implementation was so successful, the labels were rolled out to the inbound port facilities, where they were applied to slabs as they were received and before they arrived in the manufacturer's slab yard.

## Our Results

As the years passed, GO2 has continued to support the manufacturer.

New materials and adhesives are now available, which GO2 has used to develop a higher-heat label. The new labels have also solved another potential problem for the manufacturer — contaminants. There was some concern of contamination if the aluminum-based label was used in the rolling process. The new labels eliminate that risk and also use a material that is more readily available with a slightly lower cost.

Today, the metal producer continues to rely on GO2 as a partner. It is estimated these solutions have saved the manufacturer more than \$4 million over the years.

