



This document describes the project: **Harsco Metals, Dolvi, India (JSW Ispat Steel)**

Harsco Metals provides logistics and environmental services for the steel-industry. One of these services is offering steelmakers a recovery/recycling service for slag, which is waste created during the steelmaking-proces.

UniWin is used to manage the following activities:

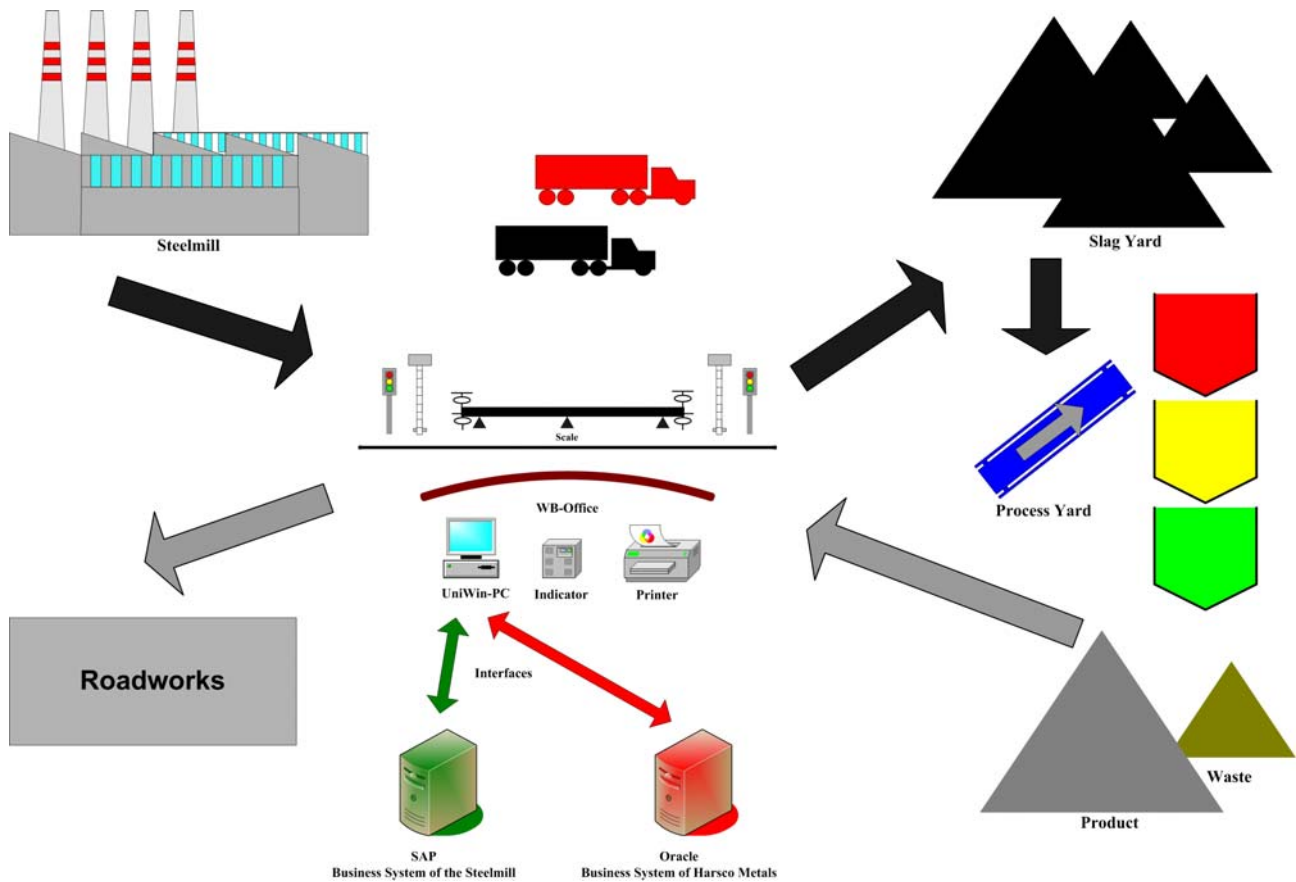
- Weighing of slag-product, transported by internal trucks.
- Weighing of external transports. Product that is sold to the roadworks-industry.
- Providing extensive reports to the steel company.
- Interfacing with the business system of the Steelmill (SAP) and Harsco Metals business system (Oracle).

At the backside of this document, you will find an extensive description of this project.

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Description:

The image as shown above, provides a clear picture of all components involved.

The work-flow is as follows:

- The internal trucks are weighed empty once a day.
- After the slag is loaded at the steelmill, the truck drives to the weighbridge to get weighed.
- After the weighing, the product is unloaded in the yard.
- After this the slag is processed into product for sale to roadworks.
- External truck weigh empty upon arrival.
- Next they get loaded with processed product.
- After that, they go back to the weighbridge to be weighed. As a result a weightticket is printed.

Extra functionalities of importance:

- Providing extensive reports, which can be made available for Excel.
- Interfacing data real-time with 2 business systems, being the steelmills (SAP) and Harsco Metals (Oracle).