



This documentation describes the following project: **Harsco Metals, Canada.**

Harsco Metals is a service provider at steel companies around the world. Activities are internal transport, storage and stock-management.

UniWin is used to manage the following activities:

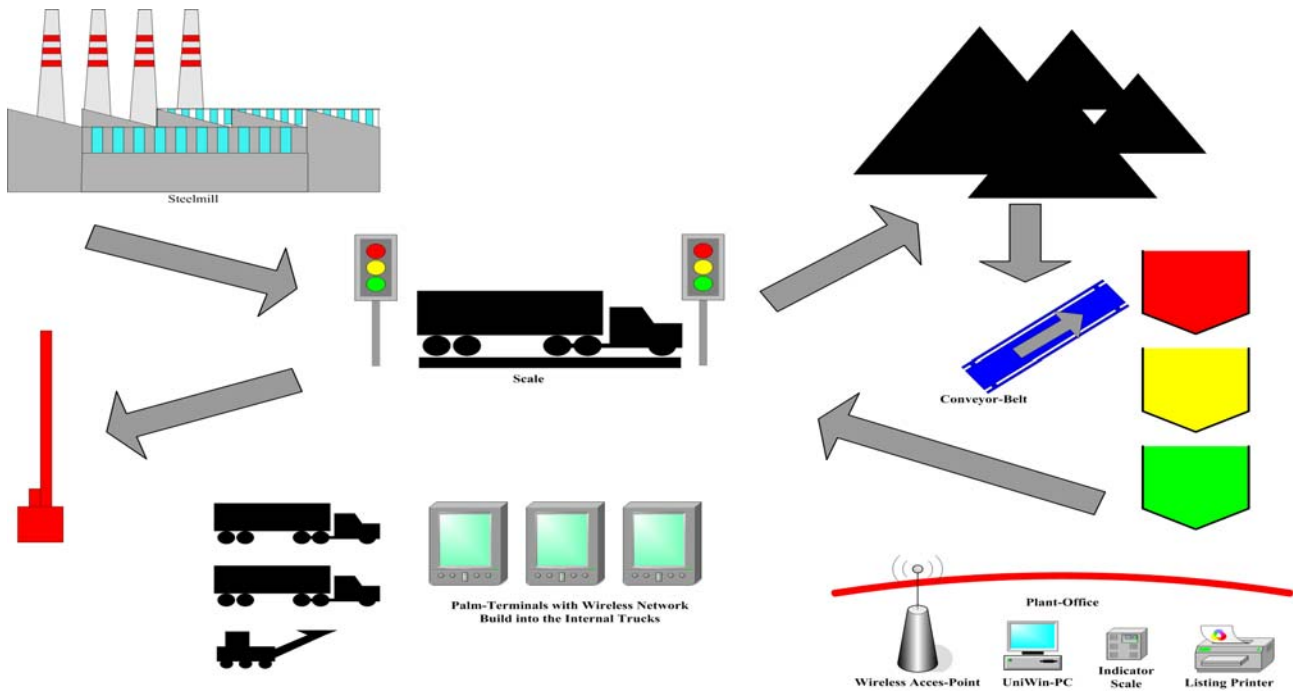
- Weighing of internal transports at the steel-plants.
- Weighing of external transports. Rest product is sold to the asphalt-industry.
- Providing extensive reports to the steel company.
- Synchronization of all 5 plants with a central system at the head-office.

This project is unique because truckdrivers are capable to make the internal weighings themselves. Used is a palm-terminal that is mounted into the truck. The terminal is wireless connected to the central UniWin.

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 with palm-terminal are light-weighed once a day.
- After the waste-product is loaded at the steelmill, the truck drives to the weighbridge.
- The truckdriver selects the loaded product at the palm-terminal.
- Next a gross weighing is made.
- UniWin calculates the net weight with the use of the stored tare weigh. The transactions is stored in the database.
- Also the trafficlight is turned green, to indicate the weighing is done.

Extra functionalities of importance for Multiserv.

- Providing extensive reports and statistics to the steel company.
- Synchronization of weigh details with a central UniWin-system.
- From the central system an export to the ERP-Invoicingprogram.