Harbour Industry

This documentation describes a project at a *Cacao-Terminal in the Amsterdam Harbour.*

- UniWin is used to weigh trucks with cacao.
- These trucks are loaded with product out of a ship at the quayside
- It's important to weigh the truck as quickly as possible in order to unload the ship in a short period, so it can leave the harbour.

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

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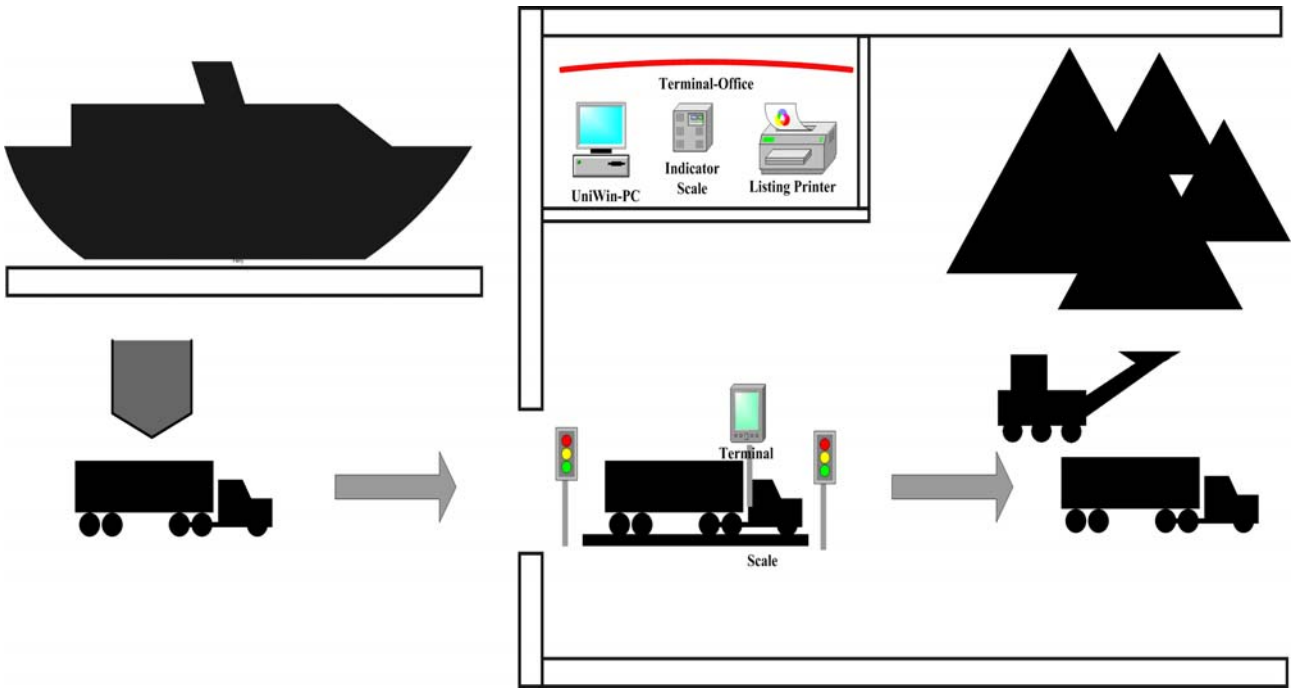

Description:

The image as shown above, provides a clear view of the general process.

- Before a ship can be unloaded, a couple of handlings need to be done.
- The trucks that are used, need to be weighed empty (tare-weighing).
- Every truck is equipped with a transponder. In UniWin each transponder is pre-programmed with important details. The reg. No of the truck, the tare of the truck, the shipname, the product, the source and destination of the product.
- The truck/transponder is ready to be used.
- After the truck is loaded at the quayside it drives to the storage-terminal.
- UniWin manages the scale, the entrance light, the exit light and the transpondersystem.
- When the scale is "0 kg", the entrance light will be green. The exit light is red.
- The truck enters the scale. The entrance light turns red.
- The truck is positioned at the scale.
- UniWin detects the transponder No. via the transponder-system.
- When a steady weight is detected, UniWin will weigh the truck and the exit light is turned green.
- The truck leaves the scale and drives to the unloading dock.
- A complete cycle from entering the scale until leaving it, takes appr. 20 seconds.

Other functionalities important for the customer:

- Different reports coming from UniWin.
- Export of weighdetails to the ERP-system.