



## SOLUTIONS FOR THE MANUFACTURING COMPANIES

Ovis is a software company that has become a leader in providing Data Capture solutions to manufacturing companies. Their applications collect data directly from the machines. All relevant data are sent to the host system in order to provide the information to the management. The data is captured through Captor Industrial Terminals. These are connected to the Capnet, an industrial network. This network is safe and reliable and very suitable for this application.

The main Ovis products are:

### **OnTrack: the automation of the back-coating line for the carpet industry**

OnTrack is a data capture solution, extended with a controlling device. It was developed for a back coating line in the carpet industry. The application controls the use of latex per square meter, depending on the type of the carpet. Graphics show how the parameters of the machine are changed depending on the captured data. A shift report and several other statistics are available.

Some of the sites where OnTrack is installed are: Balta, Beaulieu, Euro-Tapis in Belgium, Al Sorayai in Saudi-Arabia ...

### **Dacar: shop floor data capture for carpet and rugs industry**

The purpose of Dacar is the data capture of the looms, finishing machines and packing machines on the shop floor and the detection of the material flow. The data which is captured, is:

- ✓ The production time
- ✓ The stops
- ✓ The stop reasons (through wiring of by entering on a keyboard)
- ✓ The produced meters and square meters
- ✓ The average speed of the machine
- ✓ The number of carpets, that were produced
- ✓ The efficiencies

The detection of the material flow follows these steps:

- ✓ Planning of the looms considering customer orders and finishing information
- ✓ Detection of the number of produced carpets per loom
- ✓ Printing of the production sheets
- ✓ Printing of the individual carpet labels
- ✓ Putting a new label on the plastic
- ✓ Monitoring / Controlling of the shipping of the finished goods through reading of the carpet labels.



Some of the references where Dacar is installed are: Steverlynck Velours, Microfibres, Osta, Bulckaert, and Euro-Tapis in Belgium.

### **Loom-Monitoring: monitoring of the looms**

Loom Monitoring is an application for the monitoring of the looms considering following items:

- ✓ The number of produced pics
- ✓ The halts and their reasons
- ✓ The production time, the halt time and the efficiency
- ✓ The statistics per shift, per day and per period

On the computer you can see an overview of the production hall by icons. A green icon stands for a machine that is running, a red icon indicates a long stop on the machine. By clicking on an icon, the data of the loom are shown. By clicking on a 'stop'-button you can see the details of the stops of the active shift. Several statistics are available.

Some of the references where Loom-Monitoring is installed are: Escolys, Saudi Carpets, Tavelmo



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### **Harvest: monitoring of the tufting department**

The purpose of this application is the registration of the efficiencies of the tufting machines. Harvest registers the running meters, the stops for each shift and the working hours per operation.

The program gives also an overview of the reasons for the stops.

The worker identifies the produced rolls with their specific length and the used backing material. It is possible to send this information to the main system.

Some of the references where Harvest is installed are: Balta, Forbo Tapijt, ITC Tielt