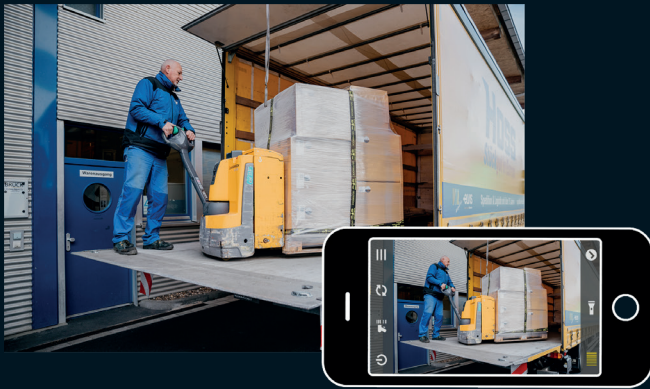


# GEUTEBRÜCK



## Logistics

### MOBILE DATA ACQUISITION AND VIDEO DOCUMENTATION – GAPLESS TRACK & TRACE

#### THE CLIENT

Our client is a medium-sized freight forwarding company with its own hubs for the distribution of goods on the main transport routes between the hubs and the reloading onto delivery vehicles, which deliver to customers in the area around the hubs.

In addition to warehouses for parcel goods, the hubs also have extensive open-air storage facilities where transport goods are also reloaded.

#### THE CHALLENGE

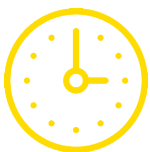
The customer works under enormous time pressure in order to be able to meet the fixed delivery deadlines for just in time production companies. At the same time, it must be always ensured that the transported goods, mainly production material, reach the customers undamaged and in the right quantity. This is an enormous demand on the quality management of the forwarding company. The company already has a Geutebrück video system with many stationary IP cameras and the connection to its own enterprise

resource planning system. However, on the extensive premises of the hubs, also due to the constant transfer of goods, monitoring gaps occur that cannot be covered by the stationary cameras. As a result video documentation of loading operations is not always possible especially in the outdoor area and possible errors during the loading processes aren't traceable. Complaints almost always generate costs at the expense of the freight forwarder.

#### THE REQUIREMENT

The freight forwarder was looking for a practical solution to be able to monitor and document loading processes on the entire site with an appropriate viewing angle in addition to the stationary cameras. It should also be possible to assign these video images to the transport orders in the enterprise resource planning system. A further requirement is the capture of barcodes of these goods and linking them to the video images.

“Does Geutebrück have a solution for these seemingly not so easy tasks?” The answer: “Yes!”



Time saving for complaint cases



Cost savings through avoidance of errors during loading

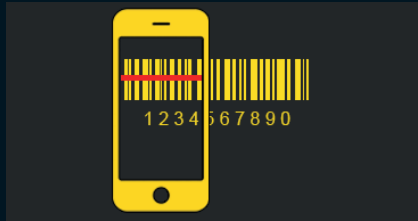


Interface to the existing ERP system



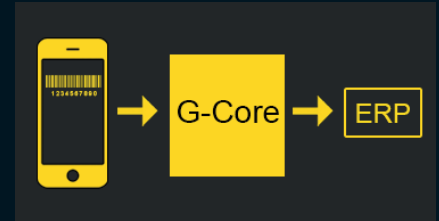
#### Mobile capture of loads

The cell phone camera sends images to the G-Core video management system.



#### Integrated barcode scanner

Barcodes are linked to the video images as search criteria.



#### Data exchange with ERP system

Barcodes are forwarded from G-Core to the ERP system.

### THE GEUTEBRÜCK INDIVIDUAL SOLUTION

The new Geutebrück **SmartphoneConnect** app enables freight forwarding employees to send video images captured by the camera on an Android smartphones to the G-Core video management system, where they can be stored. The flexible, mobile use of the smartphone camera offers the advantage of recording targeted video images of loading operations and other incidents regardless of the overall location on the site. The local WLAN is used to transmit the images. In addition, an LTE connection can be used so that delivery to the customer can also be documented by the driver.

With the barcode scanner integrated in the app, the barcodes of the goods can also be scanned and assigned to the video images as search criteria. At the same time, data is exchanged with the ERP system via G-Core.

Another advantage of the app is the ability to trigger alarms or events, for example, to forward sudden events such as vehicle collisions on the site to the control center.

### SERVICE AND SUPPORT

- Complete project management with Planning, installation and maintenance
- Patch management, warranty and maintenance
- Personal Geutebrück contact person

SOFTWARE

HARDWARE

SERVICES  
SUPPORT

Geutebrück offers everything from a single source..

### THE BENEFITS

- The flexible use of the smartphone camera saves costs compared to setting up and dismantling stationary cameras at changing locations.
- Increased relevance of the recorded video images, as the user can target the camera to the scene.
- Practical application, as camera and barcode scanner are combined in the smartphone (in one hand).
- Significant reduction in general complaints due to location-independent quality control.
- Higher satisfaction and more trust on the part of customers, thanks to the reduction of errors to a minimum.
- Employees have less pressure, as correct working methods can be proven.
- The Geutebrück solution enables many other application scenarios, such as mobile data collection for inventory purposes or support for security personnel.

### IN A NUTSHELL:

- Mobile video documentation of e.g. loadings
- Integrated barcode scanner
- Data exchange with ERP system
- WLAN and LTE usage
- Time and cost savings through preventive error avoidance