

## Seeing is believing

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## Digitalization in logistics

We are increasing the effectiveness of our plants and the efficiency of our production processes through the use of digital technologies and data. With mobile devices, we have access to relevant information for our daily work. The tight integration of production and business processes allows us to make better and faster decisions.

A new integrated storage and logistics concept will help BASF significantly reduce logistics costs. The transport volume at the Ludwigshafen site is around 20 million metric tons per year. Since the transport links at the Ludwigshafen site account for a considerable share of costs, this is the focus of the concept.

### (01) Innovative, mobile tank concepts

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Ludwigshafen site. It includes an automated tank container terminal, the world's largest patented tank containers as well as an autonomous and teleoperated vehicle. Together they will supply production plants faster and at lower costs. It will soon only take one hour from order to delivery instead of 24 hours.

### Automated guided vehicles (AGV)

The AGV is a worldwide first. Together with the VDL Group, BASF developed this autonomous vehicle which is 16.5 meters long and has a payload of 78 metric tons. The AGV is steered via transponders embedded in the road surface.