



DIGITAL TOTAL

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Akidu - Automatische, durch KI-integrierte Disposition für Universalterminals

One aim of the Akidu project is to automatically determine the position of goods at the Unikai port terminal in Hamburg. Goods such as unit loads, cranes or other types of goods with typically abnormal dimensions might have been moved without updating their position in the terminal system in order to create free space for upcoming goods. If goods are equipped with markers such as Datamatrix tags or Bluetooth beacons, a drone, flying over the area, could detect and locate them using e.g. image processing methods and then update their position stored in the terminal system, speeding up the search process for specific goods when they are needed.

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Keywords

image processing
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cargo identification
tracking

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