

AUGMENTED REALITY IN LOGISTICS

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Augmented reality is using technology to superimpose (lay on) information on the world we see. With Augmented Reality it is possible not only to visualize cyber information on top of physical imagery but also manipulate such information through interactions with real world objects.

Augmented reality is definitely ready to improve manufacturing, logistics, and skilled trades in a very dramatically way. Augmented Reality can superimpose holographic images and instructions onto the real world, which is very important for educating workers on how to use large machinery or specialized devices.

Then talking about usage of Augmented Reality in logistic the first thing that comes to mind is warehousing, where a lot of gadgets are used, such as Google Glass. Warehousing is one of the costliest spheres of logistics, which is sometimes accounted up to 20%. Speaking about warehousing in the details one can see that the most time-consuming and pricy operation is picking of the items from shelves. So, for now, in warehousing the most developing and profitable sphere is gadgets for picking. There are a lot of methods for picking the items, such as pick by voice, pick by light, pick by paper and pick by vision.

In addition to this, Augmented Reality can also be used in freight loading. Due to different size, weight and destination of every item, loading can be the most time consuming part of the logistic process. Scanning a parcel with an Augmented Reality-based device will provide the loaders with all the necessary information about destination and instructions on where to put the parcel. Besides unlike paper-based lists Augmented Reality-based cargo list will offer the possibility to make any number of last minute changes.