

PERSPECTIVE OF DELIVERY PACKAGES VIA DRONES

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Today, it's possible to order any product online and receive it the next day. Now, companies like Amazon, Google are taking an idea experimenting with airborne drones to deliver packages to customers' doorsteps one hours after they make a purchase.

On December 1, 2013, Amazon.com CEO - Jeff Bezos appeared on 60 Minutes to reveal "Amazon Prime Air," a futuristic delivery system for his company's products. In the interview he revealed that his company has been developing multicopter Miniature Unmanned Air Vehicle technology intended to utilize GPS to autonomously fly individual packages to customers' doorsteps within 30 minutes of ordering. To qualify for 30 minute delivery, the order must be less than 2.26 kg, which, according to Bezos, includes 86% of the packages Amazon currently sells. The order must also be small enough to fit in the cargo box that the craft will carry, and the delivery location must be within a ten-mile radius of a participating Amazon order fulfillment center.[1]

Google's parent company, wants to begin delivering packages via drones to consumers by 2017.

But there are several obstacles to navigate before that world becomes a reality. The biggest is regulation — the Aviation Administration, has been slow to establish clear-cut rules regarding commercial drone use and delivery. The next is safety of goods which delivery via drones. And the other main questions are consumers, does they really need this type of delivery?

The Ukrainian logistics operator "Novaya pochta" at April 2015 has provided at iForum conference the prototype of robot-postman which was created together with another company. But forecast for using delivery packages via drones in Ukraine approximately in five-ten year in the future.

Delivery goods with using drones have a dominant advantage – time. So in the near future it will be one more type of delivering goods.

References:

1. Amazon Unveils Futuristic Plan: Delivery by Drone". *CBS News*. 1 December 2013. <http://www.cbsnews.com/news/amazon-unveils-futuristic-plan-delivery-by-drone/>