

Forum:[Hack Forums](#)

Thread: [Drone delivery won't work.](#)

thales - December 6, 2015, 7:41 pm

Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

- 1) They can be hacked
- 2) They can cause damage
- 3) They can be easily moved off course (wind or w/e it is)
- 4) They can be stolen (alone with items)

etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

Enzio - December 6, 2015, 7:43 pm

(Dec 6, 2015 08:41 PM)thales Wrote: [\[CITE\]](#) Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

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etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

They're not stupid. They will find a solution to prevent all this to happen before actually using them.

But again, people are dumb so I don't know.

FamousHater - December 6, 2015, 7:44 pm

2. They can cause damage?

U think they gonna crash into your house?

Enzio - December 6, 2015, 7:45 pm

(Dec 6, 2015 08:44 PM)FamousHater Wrote: [\[CITE\]](#) 2. They can cause damage?

U think they gonna crash into your house?

Dead ?

Vicellus Drum - December 6, 2015, 7:47 pm

(Dec 6, 2015 08:41 PM)thales Wrote: [\[CITE\]](#) Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

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etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

- 1) So? That hasn't stopped anyone from making a startup
- 2) LOL.
- 3) Satellite would've fallen out of the sky if we hadn't gotten this tech down by now.
- 4) GPS's are things, you know?

There's the same likeliness that a small pilot plane would be hacked, moved off course, crashed into a house and stolen.

Scared - December 6, 2015, 7:48 pm

Ok. Thanks for the heads up man. appreciate it

Aur3xis - December 6, 2015, 7:48 pm

Well they sure gonna try preventing all the things you listed.

It will be fun to discover flaws in this system and get free packages/drones lol

(Dec 6, 2015 08:47 PM)Vicellus Drum Wrote: [\[CITE\]](#) 1) So? That hasn't stopped anyone from making a startup

- 2) LOL.
- 3) Satellite would've fallen out of the sky if we hadn't gotten this tech down by now.
- 4) GPS's are things, you know?

There's the same likeliness that a small pilot plane would be hacked, moved off course, crashed into a house and stolen.

- 4) Jammers are also a thing, you know?

Enzio - December 6, 2015, 7:49 pm

(Dec 6, 2015 08:48 PM)Aur3xis Wrote: [\[CITE\]](#) Well they sure gonna try preventing all the things you listed.

It will be fun to discover flaws in this system and get free packages/drones lol
They will have to make it 100% secure before they even consider launching it,

B?ue - December 6, 2015, 7:51 pm

- 1) They can be hacked
- 2) They can cause damage
- 3) They can be easily moved off course (wind or w/e it is)
- 4) They can be stolen (alone with items)

1) If the company can spend a lot of money on a drone program, I'm sure they can fund the cybersecurity to protect it. Still, Nothing is unhackable, but these can still be made very difficult to hack

- 2) How?

3) Drones adjust to that, Unless its a fucking tornado, drones have the ability to counter wind, usually through GPS which knows when they are going off course, the same way planes do. Auto-pilot takes wind into consideration.

Manipulate - December 6, 2015, 7:51 pm

- 1) See drone in air?

- 2) shoot it
- 3) get package
- 4) throw that drone far far away
- 5) ???
- 6) profit

Mikael Blomkvist - December 6, 2015, 7:53 pm

They will surely take measures to avoid all that. I won't imagine how tracking details would work with this haha.

(Dec 6, 2015 08:48 PM)Aur3xis Wrote: [\[CITE\]](#) It will be fun to discover flaws in this system and get free packages/drones lol

Thanks, I'm gonna sell a new ebook soon.

Vicellus Drum - December 6, 2015, 7:53 pm

(Dec 6, 2015 08:48 PM)Aur3xis Wrote: [\[CITE\]](#) 4) Jammers are also a thing, you know?

LOL DO YOU KNOW THE RANGE OF THOSE? You do know Amazon's drone has to be 10 miles within the range of their location?

On top of all of that, you'd be charged because use of those is a Federal crime.

Aur3xis - December 6, 2015, 7:54 pm

(Dec 6, 2015 08:49 PM)Squalo Wrote: [\[CITE\]](#) They will have to make it 100% secure before they even consider launching it,

Nothing is 100% secure.

I can assure you that within first week of (FE)Amazon using drones as a delivery system there will be 'Hacking incidents' or stolen drones.

That's 100% sure.

Vicellus Drum - December 6, 2015, 7:55 pm

(Dec 6, 2015 08:54 PM)Aur3xis Wrote: [\[CITE\]](#) Nothing is 100% secure.

I can assure you that within first week of (FE)Amazon using drones as a delivery system there will be 'Hacking incidents' or stolen drones.

That's 100% sure.

Put your money where your mouth is. I'll bet you my car they won't be hacked within the first week.

Aur3xis - December 6, 2015, 7:56 pm

(Dec 6, 2015 08:53 PM)Vicellus Drum Wrote: [\[CITE\]](#) LOL DO YOU KNOW THE RANGE OF THOSE? You do know Amazon's drone has to be 10 miles within the range of their location?

On top of all of that, you'd be charged because use of those is a Federal crime.

Well upto 500meter's from what i know lol

They use them in the military.

Spoiler ([Click to View](#))

[img]http://www.jammerfromchina.com/product_images/o/082/JFC110843-1__10478__67959_zoom.jpg[/img]

thales - December 6, 2015, 7:57 pm

(Dec 6, 2015 08:55 PM)Vicellus Drum Wrote: [\[CITE\]](#) Put your money where your mouth is. I'll bet you

my car they won't be hacked within the first week. Funny thing is I know a few recent cars gps systems and touch screen stuff (whatever you want to call it) were hacked, search it up.

?rew - December 6, 2015, 7:58 pm

(Dec 6, 2015 08:41 PM)thales Wrote: [\[CITE\]](#) Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

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etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

Ok your logic with Ups and Fedex trucks

- 1) They can be break down
- 2) They can cause damage
- 3) They can easily crash (into other cars)
- 4) They can be stolen

We should stop all deliveries

(Dec 6, 2015 08:57 PM)thales Wrote: [\[CITE\]](#) Funny thing is I know a few recent cars gps systems and touch screen stuff (whatever you want to call it) were hacked, search it up.

The break in the Jeeps where hacked you still see them on the road.

<http://www.wired.com/2015/07/hackers-remotely-kill-jeep-highway/>

Aur3xis - December 6, 2015, 7:58 pm

(Dec 6, 2015 08:55 PM)Vicellus Drum Wrote: [\[CITE\]](#) Put your money where your mouth is. I'll bet you my car they won't be hacked within the first week.

You will regret saying this later lol ?

Unless they gonna follow and check position of each and every single drone they send and use camera's and watch it realtime, there gonna be some problems with that system.

Vicellus Drum - December 6, 2015, 7:58 pm

(Dec 6, 2015 08:51 PM)Tor Browser Wrote: [\[CITE\]](#) 1) See drone in air?

- 2) shoot it
- 3) get package
- 4) throw that drone far far away
- 5) ???
- 6) profit
- 1) See drone in air
- 2) shoot it
- 3) Wonder how the fuck to get the package out of secured compartment
- 4) Amazon informed of issue arriving to location w/ exact gps location
- 5) Video/images of shooter sent to police
- 6) Arrested for shooting down drone, sued by amazon for negatively affective service, and get grounded by mommy for \$10,000 fine to get you out of juvy
- 7) ???
- 8) Cry a lot.

(Dec 6, 2015 08:56 PM)Aur3xis Wrote: [\[CITE\]](#) Well upto 500meter's from what i know lol

They use them in the military.

Spoiler ([Click to View](#))

[img]http://www.jammerfromchina.com/product_images/o/082/JFC110843-1__10478__67959_zoom.jpg[/img]

500 meters is less than a third of a mile. It's also a federal crime to use one.

?rew - December 6, 2015, 8:01 pm

Also FAA, you shoot one of those drones they will find you and charge you with a federal crime and put you behind bars for 20+ just like pointing a laser pointer at a plane.

Aur3xis - December 6, 2015, 8:01 pm

(Dec 6, 2015 08:58 PM)Vicellus Drum Wrote: [\[CITE\]](#) 500 meters is less than a third of a mile. It's also a federal crime to use one.

I know.

And who cares it's illegal?

Vicellus Drum - December 6, 2015, 8:02 pm

(Dec 6, 2015 08:57 PM)thales Wrote: [\[CITE\]](#) Funny thing is I know a few recent cars gps systems and touch screen stuff (whatever you want to call it) were hacked, search it up.

Car GPS systems aren't created by tech firms as strong as Amazon. Name one that was hacked within the first week of release.

webdev77 - December 6, 2015, 8:03 pm

(Dec 6, 2015 08:58 PM)?rew Wrote: [\[CITE\]](#) Ok your logic with Ups and Fedex trucks

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We should stop all deliveries

My thoughts exactly. Hacking quadcopters isn't something any of you noobs are capable of. ?

People ask about hacking drones all the time in the electronics hacking and DIY forum yet I've never seen anybody even come close to figuring out how to combat redundant frequency hopping (hint: you need to know the protocol used to be able to match the patterns).

Aur3xis - December 6, 2015, 8:03 pm

(Dec 6, 2015 09:02 PM)Vicellus Drum Wrote: [\[CITE\]](#) Car GPS systems aren't created by tech firms as strong as Amazon. Name one that was hacked within the first week of release.

Tesla.

There was even a talk @ defcon bout this.

Vicellus Drum - December 6, 2015, 8:03 pm

(Dec 6, 2015 08:58 PM)Aur3xis Wrote: [\[CITE\]](#) You will regret saying this later lol ?

Unless they gonna follow and check position of each and every single drone they send and use camera's and watch it realtime, there gonna be some problems with that system.

Place your bet. You think I'm kidding kid? I got an E36 M3 with a boat load of modifications worth approx \$12k, \$18k total spent in modifications.

Aur3xis - December 6, 2015, 8:05 pm

(Dec 6, 2015 09:03 PM)webdev77 Wrote: [\[CITE\]](#) My thoughts exactly. Hacking quadcopters isn't something any of you noobs are capable of. ?

People ask about hacking drones all the time in the electronics hacking and DIY forum yet I've never seen anybody even come close to figuring out how to combat redundant frequency hopping (hint: you need to know the protocol used to be able to match the patterns).

People already done this b4.

Not a hackforums member though.

He, or rather THEY posted a PoC on twitter, pm me to get their @
(it's a group)

Vicellus Drum - December 6, 2015, 8:06 pm

(Dec 6, 2015 09:03 PM)Aur3xis Wrote: [\[CITE\]](#) Tesla.

There was even a talk @ defcon bout this.

Ma nigga, I said first week. Not first 2 years.

Aur3xis - December 6, 2015, 8:07 pm

(Dec 6, 2015 09:03 PM)Vicellus Drum Wrote: [\[CITE\]](#) Place your bet. You think I'm kidding kid? I got an E36 M3 with a boat load of modifications worth approx \$12k, \$18k total spent in modifications. Lmao i won't go that far, i just got a Subaru Impreza WRX and im planning to spend double the price on modifications.

Just got it so i won't bet my car lmao.

webdev77 - December 6, 2015, 8:08 pm

(Dec 6, 2015 09:05 PM)Aur3xis Wrote: [\[CITE\]](#) People already done this b4.

Not a hackforums member though.

He, or rather THEY posted a PoC on twitter, pm me to get their @
(it's a group)

I am interested to see which concept was used. I shot you a PM about this. Thank you.

Vicellus Drum - December 6, 2015, 8:09 pm

(Dec 6, 2015 09:07 PM)Aur3xis Wrote: [\[CITE\]](#) Lmao i won't go that far, i just got a Subaru Impreza WRX and im planning to spend double the price on modifications.

Just got it so i won't bet my car lmao.

It ain't stick tho. ?

Spoiler [\(Click to View\)](#) Lowkey not even kidding on that bet. My dad's company does the file security for Amazon, so I know a thing or two.

thales - December 6, 2015, 8:14 pm

(Dec 6, 2015 09:02 PM)Vicellus Drum Wrote: [\[CITE\]](#) Car GPS systems aren't created by tech firms as strong as Amazon. Name one that was hacked within the first week of release.

<http://www.wired.com/2015/07/hackers-remotely-kill-jeep-highway/>

Aur3xis - December 6, 2015, 8:15 pm

(Dec 6, 2015 09:08 PM)webdev77 Wrote: [\[CITE\]](#) I am interested to see which concept was used. I shot you a PM about this. Thank you.

Just sent you the @ buddy.

Dorrance - December 6, 2015, 8:16 pm

I am going to be honest, I was already planning a heist with the squad to obtain packages and our own Drones.

Aur3xis - December 6, 2015, 8:16 pm

(Dec 6, 2015 09:09 PM)Vicellus Drum Wrote: [\[CITE\]](#) Lowkey not even kidding on that bet. My dad's company does the file security for Amazon, so I know a thing or two
You for real?

If your dad has any 'behind the scenes info' on that system i will buy it for any price lol

I'll buy any bit of info on that system that isn't public.
PM me if you can get anythin.

Im ready to drop 10k in btc on information lol

Im planning on preparing to get some free shit ??

Queen Cin - December 6, 2015, 8:17 pm

(Dec 6, 2015 08:44 PM)FamousHater Wrote: [\[CITE\]](#) 2. They can cause damage?

U think they gonna crash into your house?
mayday mayday

boom

Aur3xis - December 6, 2015, 8:18 pm

(Dec 6, 2015 09:16 PM)Dorrance Wrote: [\[CITE\]](#) I am going to be honest, I was already planning a heist with the squad to obtain packages and our own Drones.
Go for a FedEx truck.
I'd say pretty good profit from my own experience.

Vicellus Drum - December 6, 2015, 8:20 pm

(Dec 6, 2015 09:14 PM)thales Wrote: [\[CITE\]](#)
<http://www.wired.com/2015/07/hackers-remotely-kill-jeep-highway/>
I'm sorry. Let me rephrase the criteria.

2% of a year.
1/4th of a month.
7 days.
168 hours.
10080 minutes.
604800 seconds.

The Jeep Grand Cherokee's system they "hacked" has been out for approximately 3, almost 4 years now.

thales - December 6, 2015, 8:21 pm

(Dec 6, 2015 09:20 PM)Vicellus Drum Wrote: [\[CITE\]](#) I'm sorry. Let me rephrase the criteria.

2% of a year.
1/4th of a month.
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The Jeep Grand Cherokee's system they "hacked" has been out for approximately 3, almost 4 years now. My bad, didn't see the week. I have no idea if people have hacked one within a week.

Vicellus Drum - December 6, 2015, 8:21 pm

(Dec 6, 2015 09:16 PM) Aur3xis Wrote: [\[CITE\]](#) If your dad has any 'behind the scenes info' on that system i will buy it for any price lol

Do you have any idea how illegal that is? That's a multi-million dollar lawsuit waiting to happen. What the fuck did you think I would say?

(Dec 6, 2015 09:21 PM) thales Wrote: [\[CITE\]](#) My bad, didn't see the week. I have no idea if people have hacked one within a week.

Ma nigga, it was in bold.

Aur3xis - December 6, 2015, 8:22 pm

(Dec 6, 2015 09:21 PM) Vicellus Drum Wrote: [\[CITE\]](#) Do you have any idea how illegal that is? That's a multi-million dollar lawsuit waiting to happen. What the fuck did you think I would say?

Ma nigga, it was in bold.

I was thinking you would PM me with a nice price and we could make a nice deal.

Nah, was expecting that.

If you change your mind lmk though?

Vicellus Drum - December 6, 2015, 8:30 pm

(Dec 6, 2015 09:22 PM) Aur3xis Wrote: [\[CITE\]](#) I was thinking you would PM me with a nice price and we could make a nice deal.

Nah, was expecting that.

If you change your mind lmk though?

Not even \$100M, a new name, and a free ride to Europe with a free house and car would make me tell you that.

Alex™ - December 6, 2015, 11:52 pm

(Dec 6, 2015 08:41 PM) thales Wrote: [\[CITE\]](#) Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

- 1) They can be hacked
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etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

1) nah.

2) Sure, styrofoam is known to break windows, oh, wait, it's not.

3) This is 100% false, I used to film with my drone by setting it to position itself about 20-30m up. The GPS on my £200 controller was accurate to less than a meter.

4) What's the point? They can only really be stolen when they are about to land or landing. They

know exactly where it was stolen and who stole it as it was landing in your back yard.

Dan Smith - December 7, 2015, 2:32 am

(Dec 6, 2015 08:41 PM)thales Wrote: [\[CITE\]](#) Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

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etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

- 1) Not if the system is designed correctly.
- 2) Like? A 100 gram drone is going to make your roof come down?
- 3) Cars can be moved off course too. Hence, I don't believe in cars... what?
- 4) Yeah, by another drone carrying a fishing net. Delivery vans can be stolen too, but you still see them driving around right?

There are downsides to everything but you're just grasping at straws here.

isoviacy - December 7, 2015, 2:33 am

i have a p3p and i can confirm , deliverys wont work. they just wont

Dan Smith - December 7, 2015, 2:34 am

(Dec 7, 2015 12:52 AM)Alex™ Wrote: [\[CITE\]](#) The GPS on my £200 controller was accurate to less than a meter.

That must be some special GPS then. Because GPS is by definition accurate by 10 meters.

I'm guessing it was some other system lol.

Kinguin - December 7, 2015, 2:35 am

It's not like a fucking Nasa rocket would accidently crash into your house. You probably wont notice one of these drones falling on your roof.

They're also high quality, and with return function.

I've seen a Amazon drone in action, it kindoff dropped the item from a higher distance I believe, they could even add a cheap paper parachute to it.

Dan Smith - December 7, 2015, 2:40 am

(Dec 6, 2015 08:47 PM)Vicellus Drum Wrote: [\[CITE\]](#) 3) Satellite would've fallen out of the sky if we hadn't gotten this tech down by now.

Yeah, solar winds are known for their ability to drive spacecraft off-course.

Denitorious - December 7, 2015, 2:48 am

They have already shown that the drones will fly at substantial heights and only fly lower to avoid other aerial objects and to land. They are equipped with cameras that monitor everything and everyone. Also, I'm sure that every piece of valuable tech in it will be linked to their HQ through GPS. All of this is a multi million dollar project. They wouldn't do it if they weren't sure it worked. Trust me, you'd be in a heap of shit of you tried getting one down.. in too much shit than it would be worth it as it will only carry small items. So what's the chance of getting an expensive one anyways.

Alex™ - December 7, 2015, 6:50 am

(Dec 7, 2015 03:34 AM)Dan Smith Wrote: [\[CITE\]](#) That must be some special GPS then. Because GPS is by definition accurate by 10 meters.

I'm guessing it was some other system lol.
Why do you say that?

This paper says that the accuracy cannot be greater than 2m :
<http://www.gps.gov/technical/ps/2008-SPS-performance-standard.pdf>

All you need to make it more and more accurate is more satellites, if I remember correctly mine wouldn't even allow you to use GPS without acquiring 6.

CPA Exposé - December 7, 2015, 7:57 am

(Dec 6, 2015 08:41 PM)thales Wrote: [\[CITE\]](#) Title says it all. I don't believe one bit in the drone delivery service. Here are reasons why:

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etc. There just seems to be too many problems with it. Yes it would be efficient, yes it would be fast. Problem is would it be worth it.

Every solution we currently use are vulnerable to those exact same things.

Measure can be taken to reduce chances of them occurring.

MD5 - December 7, 2015, 8:08 am

(Dec 6, 2015 08:41 PM)thales Wrote: [\[CITE\]](#) 1) They can be hacked

- 2) They can cause damage
- 3) They can be easily moved off course (wind or w/e it is)
- 4) They can be stolen (alone with items)

1: Why do you think they won't add any security?

2: How exactly lol

3: It's 2k15 bro drones don't give a shit about wind

4: Yes but the postal company will just check the drone's location and they'll be able to retrieve it.

Also drones for delivery won't be jammable because they're not connected to any kind of remote.

Walt Disney™ - December 7, 2015, 8:38 am

Same thing goes with commercial airlines.

Couldn't all this apply to them too?