

Alexa bakes up a surprise

Alexa accidentally ordered a dollhouse and cookies after a child asked her to do so.

Fish tank hits Jackpot

A casino was hacked through a fish tank thermometer.

A warm Nest

The Nest thermostat was hacked to drive up someone's energy bill while they were on vacation

From Jeep to joystick

A jeep was hacked & could be controlled remotely



True, in early 2018, an employee of Darktrace revealed that they had worked on a case where hackers hacked a casino via a fish tank thermometer in order to steal a list of people who won big sums of money.

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Source:

<https://www.businessinsider.com/hackers-stole-a-casinos-database-through-a-thermometer-in-the-lobby-fish-tank-2018-4>



This story is true, and it is not the only incident of children ordering things via smart home assistants. There was a little twist to this story: when a news anchor read the headline, it triggered even more alexas to order dollhouses.

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Source:

<https://www.theverge.com/2017/1/7/14200210/amazon-alexa-tech-news-anchor-order-dollhouse>



In 2015, two hackers discovered that they could hack a Jeep & send signals to turn the wheel, brake, accelerate, etc.

1.4 million vehicles were recalled.

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Source:

<https://www.wired.com/2016/08/jeep-hackers-return-high-speed-steering-acceleration-hacks/>



While this scenario sounds plausible from a technical point of view, we do not know of any instances where this actually occurred to someone.

Pacemaker Rats Out Insurance Scammer

A man's pacemaker data was used to prove he burned down his house for insurance money.

Teddy bear goes wild

The speaker of a child's smart teddy bear was used by a hacker to say inappropriate things.

An Electric Snack for Battery-Hungry Hackers

An electric car was found to have a software flaw that allowed hackers to control the climate control.

Barbie turns spy

A 'smart' doll was hacked to spy on conversations at home.



Though it sounds believable, we are not aware of any events like this happening in real life.



The man pleaded not guilty to setting his home on fire. The data from his pacemaker proved otherwise & was one of the key pieces of evidence in the case.

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Source:
<https://arstechnica.com/science/2017/02/ohio-mans-pacemaker-data-betrays-him-in-arson-insurance-fraud-case/>



About 8 years ago, a security researcher from the USA discovered that Mattel's "interactive" 'Hello Barbie' doll could be hacked to override safety measures & spy on conversations, thus turning it into a surveillance device.

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Source:
<https://www.theguardian.com/technology/2015/nov/26/hackers-can-hijack-wi-fi-hello-barbie-to-spy-on-your-children>



In early 2016, a flaw was found in the software of the world's best-selling electric car (at the time): the Nissan LEAF. Requests to Nissan's servers had no verification, allowing anyone to turn the climate control of any car on/off. Luckily, the car did not have remote unlock or remote start features like some other vehicles.

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Source:
<https://www.troyhunt.com/controlling-vehicle-features-of-nissan/>



Smart TV Turns Nosy Neighbor

A smart TV was hacked and used to spy on its owner.

Hacker Triggers Laundry Tsunami

A smart washing machine was hacked, causing it to overflow continuously.

Love in the Backseat

Car manufacturers have a section in their privacy policy stating that they may collect data about your sexual activity.

Alexa becomes Gossip girl

Alexa shared a family's private conversation without their knowledge.



This event sounds like it could have happened in real life. However, this event was made up for this game.



A report from 2018 detailed vulnerabilities in Samsung TVs, enabling hackers to change channels, play content, change the volume, etc. This story came one year after WikiLeaks published internal documents on the CIA's 'Weeping Angel' program, in which smart TVs were used as surveillance tools.

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Source:

<https://www.consumerreports.org/televisions/samsung-roku-smart-tvs-vulnerable-to-hacking-consumer-reports-finds/>



A family in Portland had their private conversation recorded and sent to a random person on their contact list. Amazon said Alexa misinterpreted a background conversation as a command sounding like "Alexa" and the incident was "an extremely rare occurrence".

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Source:

<https://www.cnbc.com/2018/05/24/amazon-echo-recorded-conversation-sent-to-random-person-report.html>



Mozilla tested 25 car companies and all of them failed maintaining privacy practices, Tesla being the worst. Nissan and Kia's privacy policies suggest that they might collect and potentially sell data on users' sexual activities. This happened in late 2023.

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Source:

<https://jalopnik.com/auto-privacy-report-kia-nissan-driver-sex-data-1850812549>



Hacked Roomba: Your Floor Plan's Online!

The Roomba vacuum cleaner was hacked and its mapping data of home layouts was accessed.

An explosive surprise!

A smart outlet plug was hacked to kill all the electronics plugged into it by sending too much current.

Sweet dreams

Hackers managed to manipulate the functionality of a gas boiler, causing carbon monoxide to form - a colorless, odorless, tasteless and poisonous gas.

Risky recall

A company put out a recall for an insulin pump because it could be controlled remotely - putting the users' life at risk.



We are not aware that this has happened in real life.



Roomba, iRobot's robotic vacuum collect data as they clean, helping them to identify the locations of furniture and walls to avoid crashing. It creates a map of your home that could be shared with Amazon, Apple or Google. The chief executive of iRobot was hoping to share the maps free with customer consent, not sell them.

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Source:

<https://www.nytimes.com/2017/07/25/technology/roomba-irobot-data-privacy.html>



A few years ago, in 2021, Medtronic recalled remote controllers for a type of insulin pump, as they were vulnerable to hacking. When hacked, insulin doses could be blocked or delivered. The concept of hacking insulin pumps was initially demonstrated by Jay Radcliffe, who hacked his own insulin pump on stage at a hacking conference in 2011.

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Source:

<https://www.theverge.com/2021/10/6/22712808/medtronic-recall-insulin-pump-controller-cybersecurity-hack>



This event is false.