

Suspects

These technologies were found in the smart home where the case played out.



Robot vacuum cleaner



Smart speaker



Smart light



Smart scale



Webcam



Connected toy

Scenario

What happened? Draw and/or write down your hypothesis.

Clues

Our first clues about this case.

Q The victim left a note saying: *'When I die, shame will be on you'.*

Q To be used, many smart objects in the house required agreement with terms and conditions saying that collected data is shared with third-party actors, including companies subcontracting click workers abroad.

Q Clickworkers are underpaid workers around the world performing micro-tasks for online platforms or digital services such as content moderation, database cleaning, app rating and data labelling to train AI systems.

Q The victim used to return from middle school every day around 4 p.m.

Q The viral post containing the victim's intimate pictures was traced back to *Reddit Venezuela*.

Suspects

These technologies were found in the smart home where the case played out.



Gaming console



Smart doorbell



Smart speaker



Smart TV



Smart meter



Smart kitchen equipment

Scenario

What happened? Draw and/or write down your hypothesis.

Clues

Our first clues about this case.

Q The attacker claimed that the boy was kidnapped and demanded a ransom in exchange for his safe release.

Q The parents told the police that the hoax was very convincing. They could even interact with (the digital copy of) their son and ask personal questions such as music and food preferences, to be sure *'it was real'*.

Q During the events, the parents were on holiday abroad without their son. They called him several times on his smartphone but reached his voicemail. Later they discovered the teenager was at his unofficial girlfriends' place.

Q The family *PlayStation 5* gaming console is equipped with an HD camera used to record and share gaming sessions.

Suspects

These technologies were found in the smart home where the case played out.



Smart camera



Smart health device



Smart sprinkler



Smart pet feeder



Smart air purifier



Smart thermostat

Scenario

What happened? Draw and/or write down your hypothesis.

Clues

Our first clues about this case.

Q Although no trace of violence was found, the forensic expert concluded that the victim did not die of natural causes.

Q The victim's shoe soles were wet and muddy.

Q The victim's family did not visit her often, considering her to be comfortable ageing in her home thanks to a wide range of smart assistive technologies.

Q The victim suffered from Type 2 diabetes and was equipped with a smart insulin pump that automatically adjusted insulin levels.

Suspects

These technologies were found in the smart home where the case played out.



Smart security camera



Wireless router



Smart meter



Smart EV charger



Smart garage door



Smart light

Scenario

What happened? Draw and/or write down your hypothesis.

Clues

Our first clues about this case.

- Q Family members thought they were surrounded by intruders, although they never saw anyone.
- Q Many of the smart devices in the house had not been updated for a long time.
- Q The attackers managed to take control of the whole house using the connected appliances.
- Q After a night of threats, extortion and fear, the family ended up paying the ransom in cryptocurrency.

Suspects

These technologies were found in the smart home where the case played out.



Smart mug



Smart printer



Robot vacuum cleaner



Webcam



Wireless router



Smart watch

Scenario

What happened? Draw and/or write down your hypothesis.

Clues

Our first clues about this case.

- Q The supervisor could prove that the employee did not work in accordance with the terms of his contract.
- Q The company reported several instances of professional misconduct, of various types.
- Q The employee admitted that he spent one day taking care of the house and his children instead of working.
- Q The employee's workspace at home is in the basement where the Internet connection is sometimes unstable.

Suspects

These technologies were found in the smart home where the case played out.



Smart training
bracelet



Smart health
device



Smart speaker



Smart air
purifier



Smart
doorbell



Smart kitchen
equipment

Scenario

What happened? Draw and/or write down your hypothesis.

Clues

Our first clues about this case.

- Q During the trial, the prosecutor presented evidence that the victim was hit by heavy objects.
- Q The defence attorney brought recordings of the couple's everyday life to the courtroom.
- Q The victim stated that her husband used to demonstrate violent behaviours after alcohol consumption. He claimed that he was sober for more than a year.
- Q The couple's neighbours testified for the defence, saying they heard nothing unusual.