

# SECURITY



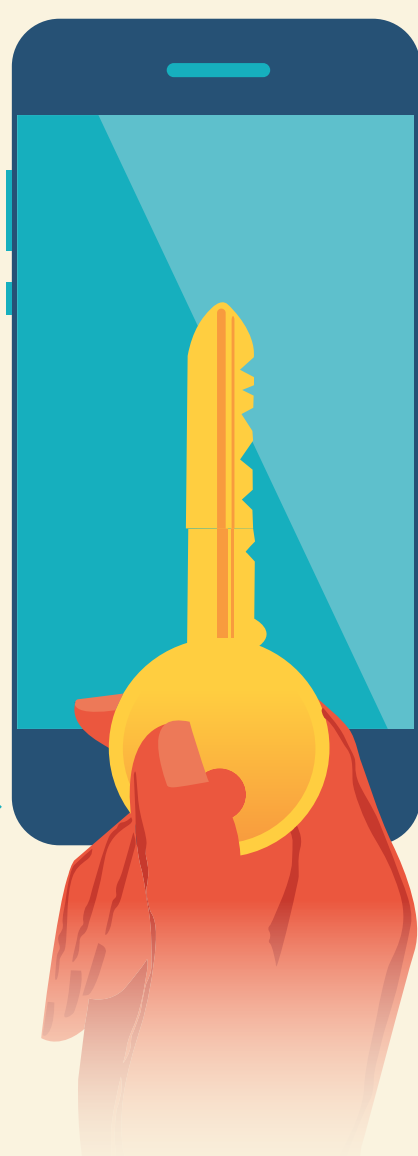
Apple has currently been ordered to create an access method for the FBI to unlock the cellphone of the San Bernadino shooters. Apple has publicly responded to this order and has also drawn attention to the threats to privacy and security that would come from compliance with this order.

## 1

### APPLE'S RESPONSE



On February 16, 2016 the issue came alive as Reuters reported that U.S. Magistrate Judge Sheri Pym of the U.S. District Court's Central District of California had ordered Apple to help the Federal Bureau of Investigation (FBI) unlock the Apple iPhone owned by by Syed Rizwan Farook, one of the two killers in the San Bernardino mass shooting in December.



Apple objected to or challenged at least 11 orders issued by United States District Courts under the All Writs Act of 1789.

Apple faces at least a dozen other demands by the Department of Justice to assist in accessing iPhones.

Most of these government demands seek to compel Apple "to use its existing capabilities to extract data like contacts, photos and calls from locked iPhones running on operating systems iOS 7 and older" in order to assist in criminal investigations and prosecutions.

According to legal opinion, the unprecedented order requested by the government finds no support in law and would violate the Constitution

The code Apple writes qualifies as constitutionally protected speech. The FBI is asking Apple to write new code to let the government into the phones, therefore the government is essentially 'compelling' Apple's speech, which violates its First Amendment rights

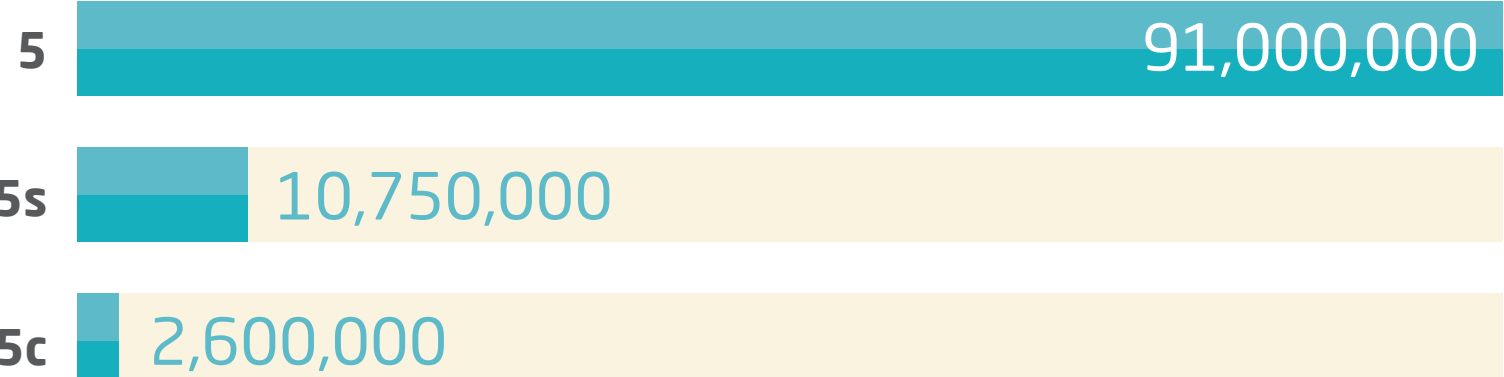
## 2

### WHOSE SECURITY WILL BE VIOLATED?

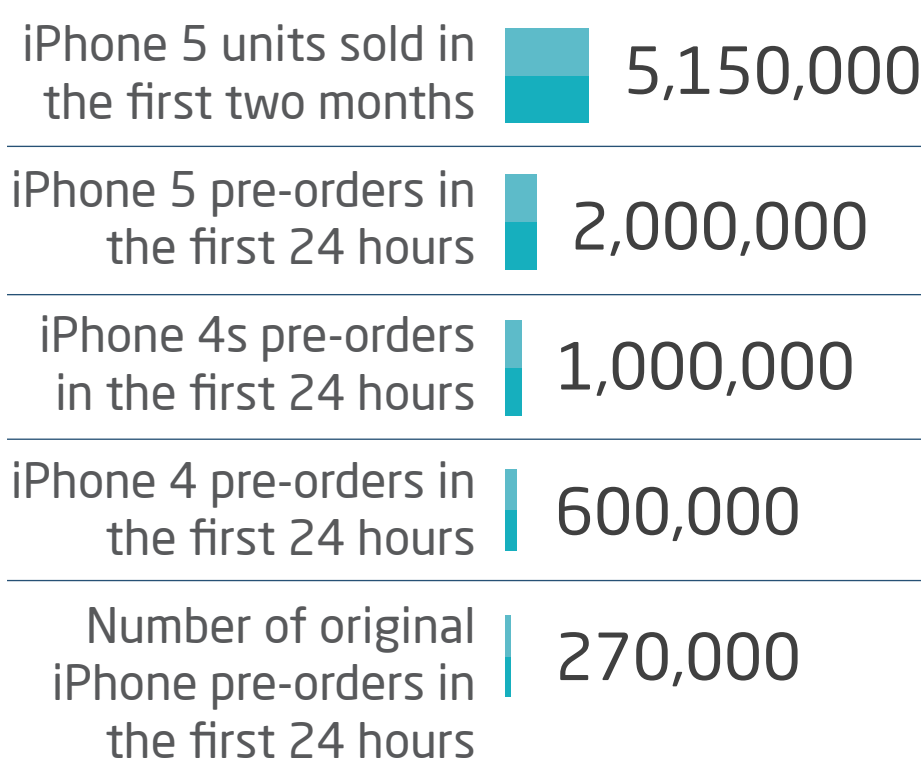


The case would set a dangerous precedent by creating a back door to defeat security on Apple phones, potentially undermining the security and privacy of hundreds of millions of users

#### Total number of iPhones units sold by model



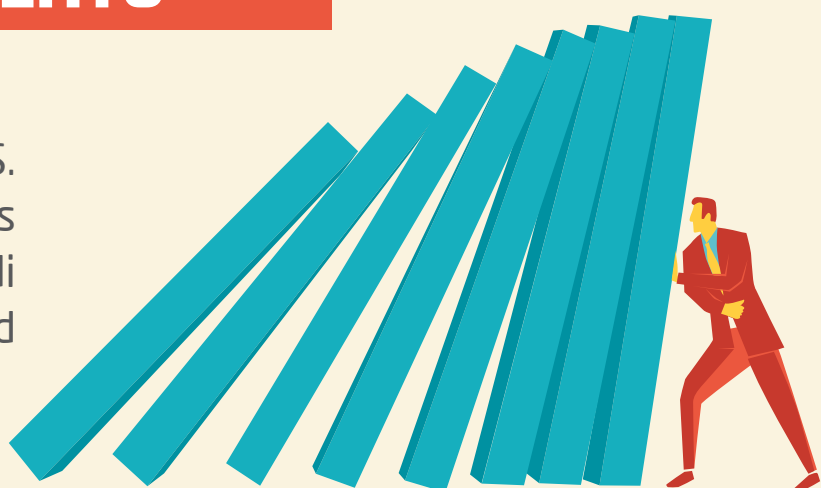
#### Number of Units Sold



## 3

### FUTURE THREATS

The majority of Apple products are now sold outside the U.S. Creating a security backdoor and responding to U.S. orders could create a precedent that would allow the U.K., Saudi Arabia, and also the People's Republic of China to demand access to the software as well



Repressive foreign governments may use this tool against the U.S. itself



Should the FBI prevail, and Apple create what is functionally a custom-built version of its mobile operating system, governments around the world "will see this as a blank check of legitimacy", said human rights lawyer Carly Nyst, who called the Apple showdown "groundbreaking".

Authoritarian governments including Russia and China will demand greater access to mobile data should Apple lose a watershed encryption case brought by the FBI. This warning comes from leading technology analysts, privacy experts and legislators.



This same software can be used by foreign countries or terrorists to hunt down their own enemies, many of whom might be Americans, members of the FBI or NSA



US-based tech firms have long dealt with efforts by countries worldwide to undermine user security in the name of law enforcement and national security - terms that vary widely with government prerogative. China in particular has fought with Apple over the iPhone, in a struggle that echoes the FBI's latest move.



The backdoor access software can potentially cause a colossal breach in government security systems

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