Cove Apple Club

February 7, 2024

Tonight’s Topics

- Apple Vision Pro - First Look
- Dan’s Favorite Apps
- Stolen Device Protection in iOS 17.3

Remember!

- The presentation of tonight's meeting will soon be available to download from our Archives website, in both Keynote and PDF format
- Visit CoveAppleClubArchives.com

Best Buy's 1997 Black Friday Flyer

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No dealers, please. Discount taken from regular prices. Limited to stock on hand. Limit 3 per title, per customer.
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Price Guarantee & Rainchecks: If, within 30 days (14 days for computers, monitors, printers and notebooks, camcorders, digital cameras and radar detectors) of your purchase from Best Buy, you find a local competitor offering a lower price on an available product of the same brand and model, we'll refund the difference plus another 10% of the difference. Bring us verification of the lower price, plus your original Best Buy receipt to claim your refund. Does not apply to special, bonus or free offers, and in California cellular phones and pagers. Does not apply to products with special financing offers. For complete price guarantee details, please see a customer service representative. Some product in this ad may be slightly different from illustrations. Correction notices for errors in this advertisement will be posted in our stores. Rainchecks are available on most items specifically advertised in this insert, except where noted. We reserve the right to limit quantities. See store for complete details.
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Disruptive

by Mike Sullivan
Cove Apple Club
First Presented October 13, 2010

inspired by a blog posting by Marco Arment

“If I had asked people what they wanted, they would have said, ‘faster horses.’”

— *Henry Ford*

In 1983, personal computers looked like this...

Victor 9000

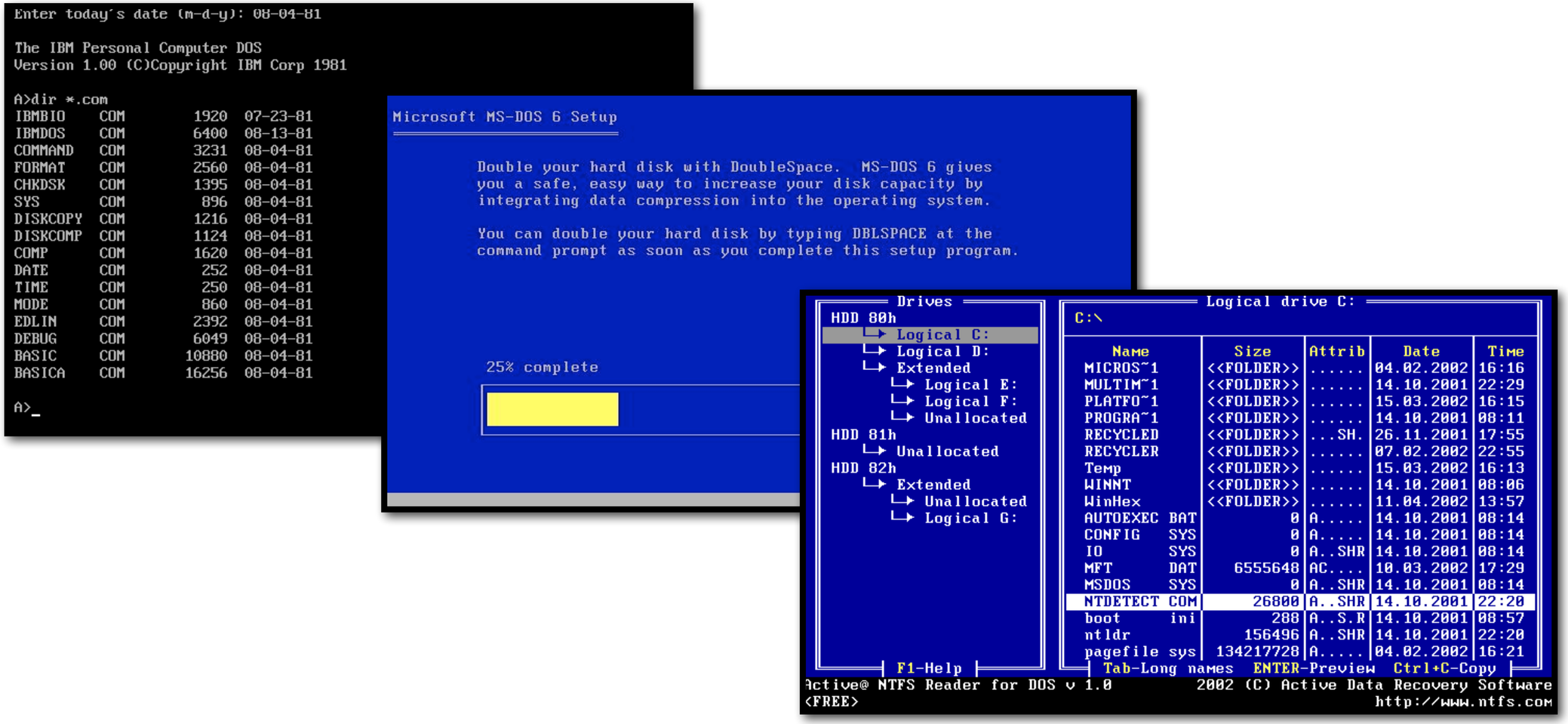
Gavilan SC

Franklin Ace 1000

IBM Personal Computer

Otrona Attache

...and the OS looked like this:

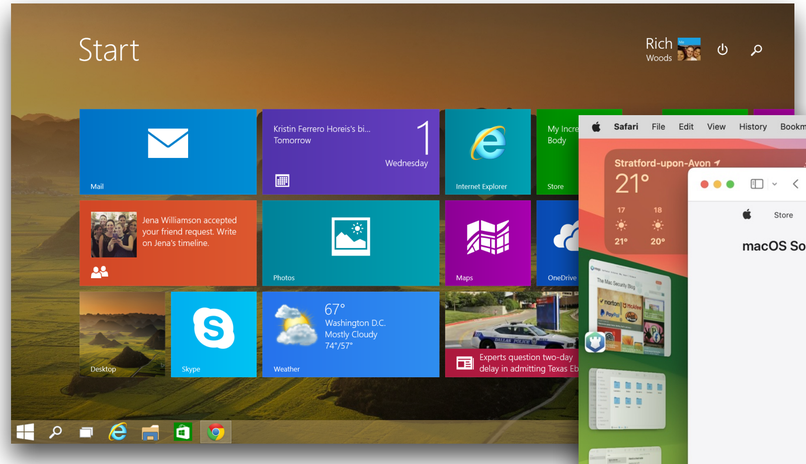


Personal computers were established consumer products selling in the tens of millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

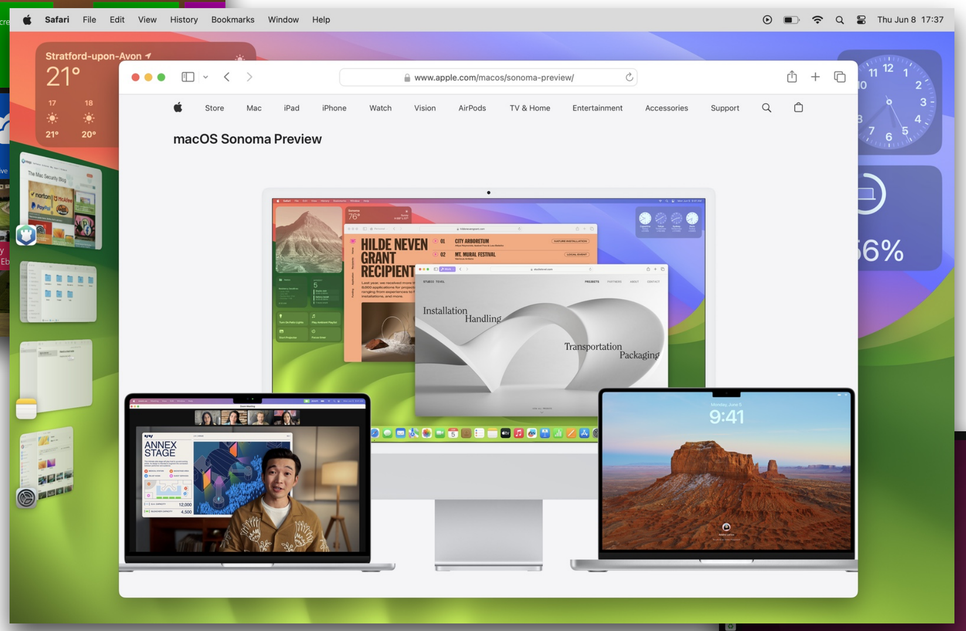
...and then this happened:

Macintosh

and now...



Windows 11



macOS Sonoma

Ubuntu 22

In 1998, inexpensive desktop computers looked like this:

Dell Dimension XPS T450, July 1998, $2,300

Inexpensive desktop computers were established consumer products selling in the tens of millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

...and then this happened:

iMac, August 1998, $1,300

and now...

HP All-in-One 24

Acer Aspire U5-620

apple iMac

Lenovo Yoga

Dell Inspiron 24

In 2001, digital music players looked like this:

Creative Nomad II

Creative Rio Volt

Compaq PJB100

Panasonic SL-CT540

Portable digital music players were established consumer products selling in the tens of millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

...and then this happened:

iPod

and then…

iPod Touch

In early 2007, smartphones looked like this:

Palm Treo

Motorola Moto Q

RIM Blackberry 8830

Smartphones were established consumer products selling in the tens of millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

...and then this happened:

iPhone

and now...

iPhone

In early 2010, small portable computers looked like this:

ASUS SeaShell

Toshiba NB-210

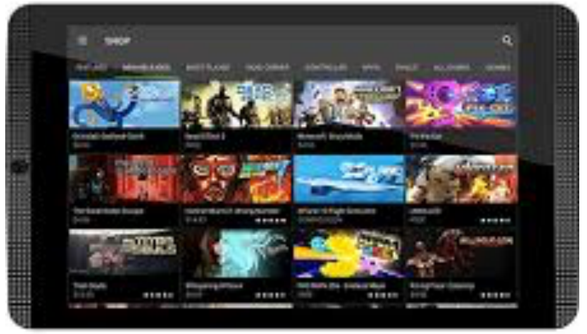
Dell Inspiron mini 10

Small portable computers were established consumer products selling in the tens of millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

...and then this happened:

iPad

and now...



In 2014, smartwatches looked like this…

Pebble

MOTOActv

Uzume

Martian

Uzume

Smartwatches were established consumer products selling in the tens of millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

...and then this happened:

Apple Watch

and now...

AndroidWear

AndroidWear

AndroidWear

AndroidWear

AndroidWear

In 2023, AR/VR headsets looked like this…

Samsung Gear VR

BNext VR

Oculus Go

HTC Vibe

Meta Quest II

AR/VR headsets were established consumer products selling in the millions, and people thought they were pretty cool, but were often frustrating with serious shortcomings and design flaws.

...and then this happened:

Apple Vision Pro

All of the big leaps in computing came about because of a new UI

- Hardwired → plugboard
- Punched card → CRT
- Batched → Online
- Time-shared → Personal
- Monochrome → Color
- Command-line → GUI
- Cursor matrix → Clickwheel
- Hardware keyboard → Touchscreen
- Mixed reality → Spatial Computing

Steve Jobs: What We Believe

Apple press event at The Garage, One Infinite Loop, 1997

Apple's place in the world...

- Apple has had an influence on technology wildly disproportionate to the company's (former) size
- ~~Many~~ most Apple innovations & technology adoptions have become industry standards (Wi-Fi, USB, CD-ROM, FireWire, MP3, mouse, GUI, touchscreen, etc.)
- ~~Many~~ most of Apple's major products have changed the world

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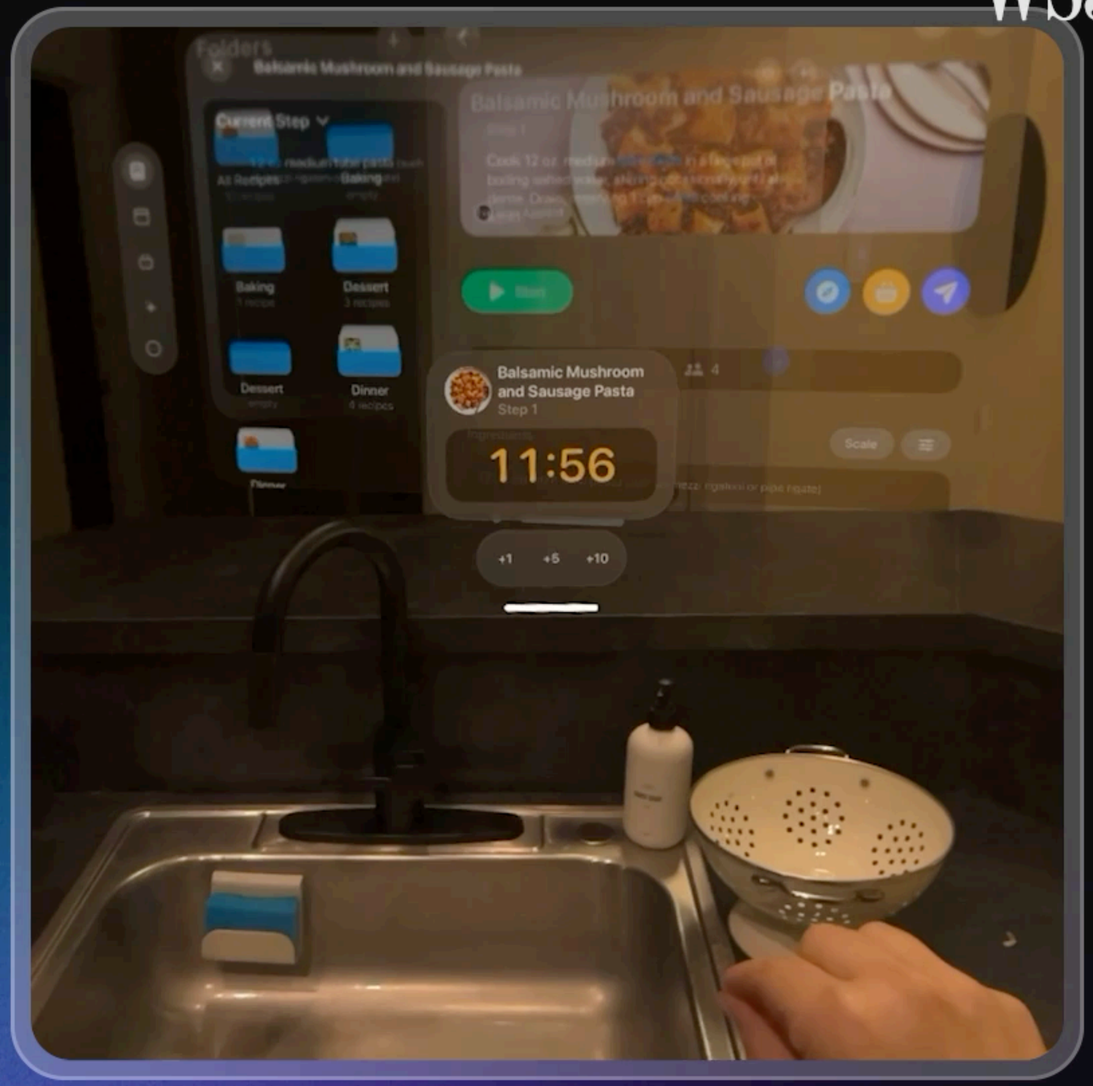
WSJ



Wall Street Journal | Tech
January 30, 2024

Stolen Device Protection in iOS 17.3

Stolen Device Protection in iOS 17.3

- If a bad guy / thief gets hold of your iPhone **and** knows your unlock passcode, you could be in a world of hurt
  - They can change your Apple ID password
  - They can turn off Find My
  - They can wipe & resell your iPhone
  - Access your stored passwords in iCloud Keychain
  - Enable Recovery Key, locking you out of your Apple account ***forever***
  - …and more

Anatomy of the attack

The thief watches you type your passcode, then steals your iPhone. With both device and passcode, the thief can…

Your Device

- Change Apple ID password
- Force sign out of trusted devices
- Turn off Find My iPhone

You can't remotely wipe your device to protect your data

Your Data

- Turn on recovery key
- Change trusted phone #
- Remove recovery contact
- Change email address

You are locked out of your Apple iCloud account

Your Money

- Access payment apps like Venmo
- Send Apple Cash
- Use Apple Pay
- Find bank app passwords stored in iCloud Keychain
- Open credit card using personal info found in photos

Your financial accounts get looted

Wall Street Journal | Tech
February 21, 2023

What this new security setting does

It buys you time, and locks down your iPhone

- Stolen Device Protection:
  - **Prevents** changing critical Apple ID & account information when your iPhone is away from familiar locations
  - **Alerts** you that changes are being attempted in an unfamiliar location
  - **Locks** your iPhone when it is sure it is in an unfamiliar location, preventing account changes
  - **Requires** biometric authentication with Face ID or Touch ID with no passcode fallback to make critical Apple ID or account changes
  - **Imposes** a Security Delay to conduct sensitive operations: a successful Face ID or Touch ID, ***an hour wait***, then an additional successful biometric authentication.

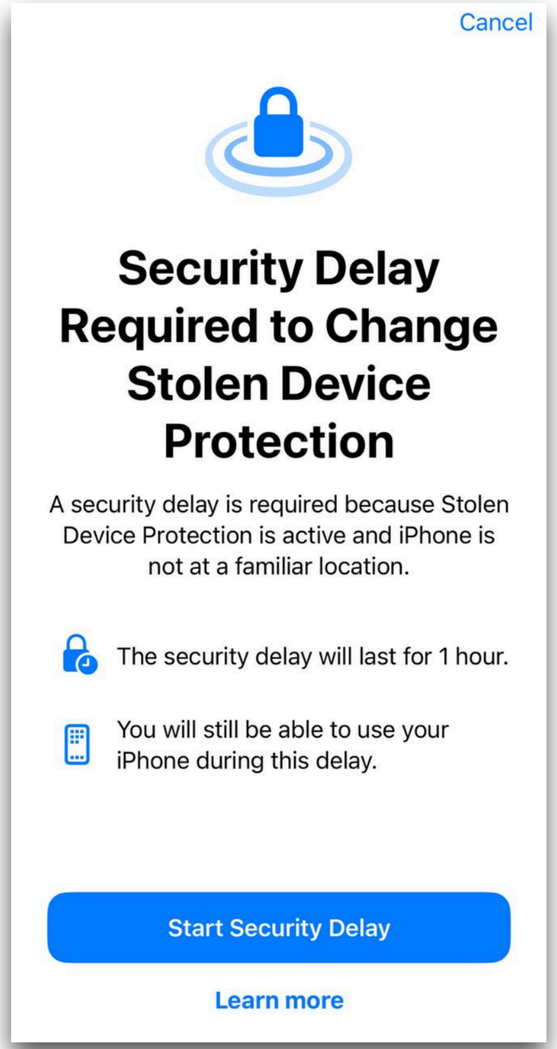
Multiple rings of protection for your account

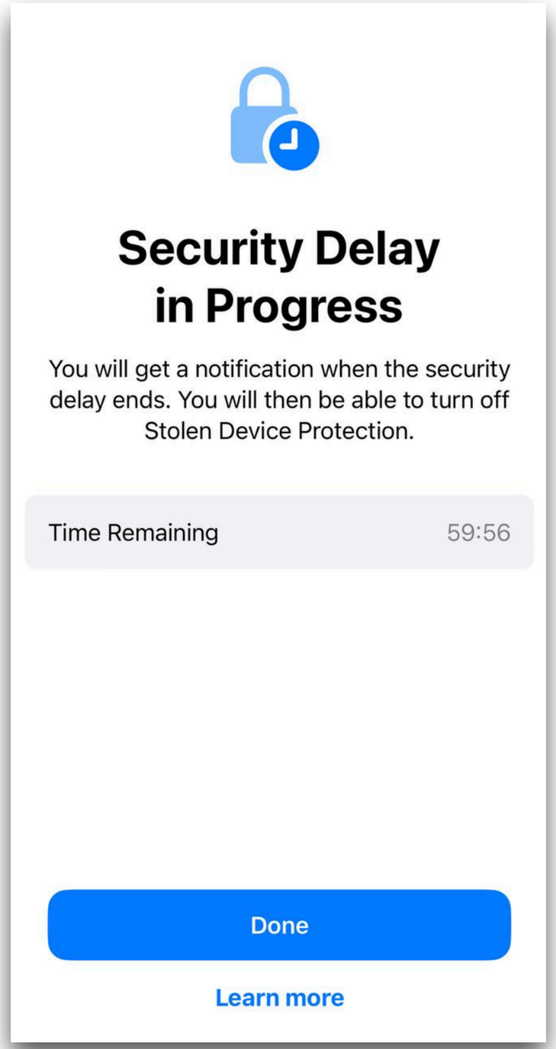
It puts time on your side…

- With Stolen Device Protection enabled:
  - A passcode alone will not grant access to passwords, using Wallet, accessing saved payment methods; Face ID or Touch ID would be required
  - To change any sensitive account information, the Security Delay will be imposed:
    - Face ID / Touch ID required first, then wait an hour, then another Face ID or Touch ID
    - Prevents the crook from using only a passcode to access these items

Multiple rings of protection for your account

It puts time on your side…





Should you turn it on?

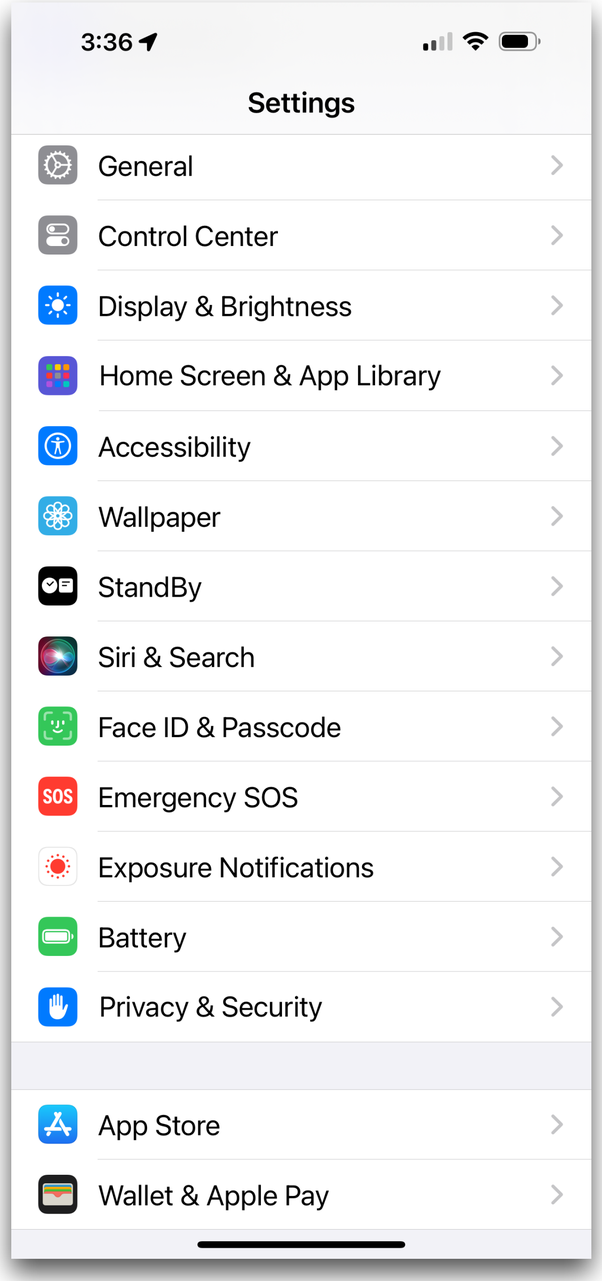
Unless you are unique little unicorn: YES.

- It is off by default — at least for now
- There are no downsides to turning it on
  - Only exception: If your Face ID scanner or Touch ID home button break, you won't be able to access any of the protected features until you're *back in a familiar location* **or** *fix the device*
- There are many good reasons to turn it on
- It only takes a minute to do it

How To

It’s pretty easy…

- Settings ➔ Face ID / Touch ID & Passcode ➔ Enter passcode ➔ Stolen Device Protection ➔ On



All the freakish details

Use Stolen Device Protection for iPhone HOWTO

Cove Apple Club — February 7, 2024

If a bad guy gets control of your iPhone while it's unlocked (by grabbing it from you in public, or tricking you into unlocking it, then stealing it), you could wind up in a world of hurt.

With your passcode and an unlocked iPhone, a bad guy could:

- Change your Apple ID password, locking you out of your Apple account
- Access your stored passwords in iCloud Keychain
- Turn off Find My for your stolen iPhone
- Enable an Account Recovery Key for your Apple ID, locking you out of your iCloud data ***forever***
- …and more.

Apple has released Stolen Device Protection in iOS 17.3, available now for all iPhones sold in the last 4-5 years. It is turned ***off by default***, but you should definitely ***turn it on***.

With Stolen Device Protection turned **on**, even if a bad guy **has your iPhone** and **knows your passcode,** with your iPhone in an unfamiliar location, Face ID or Touch ID will be required before they can can take certain actions, including the following:

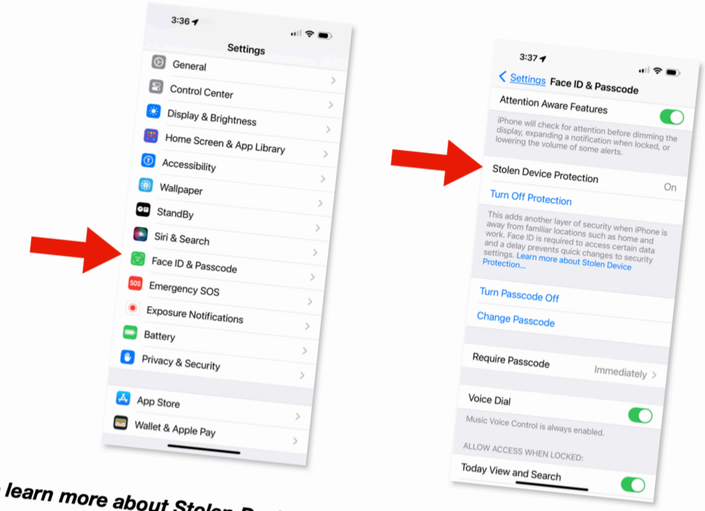
- Use passwords or passkeys saved in iCloud Keychain
- Use payment methods saved in Safari (autofill)
- Turn off Lost Mode
- Erase all content and settings
- Apply for a new Apple Card
- View Apple Card virtual card number
- Take certain Apple Cash and Savings actions in Wallet (for example, Apple Cash or Savings transfers)
- Use your iPhone to set up a new device (for example, Quick Start)

With Stolen Device Protection on, you may also be required to wait an hour before using your iPhone to make changes to critical security settings or your Apple ID. If your iPhone is not in a familiar location, you must authenticate with Face ID or Touch ID, wait for the security delay to end, then authenticate with Face ID or Touch ID again to update settings such as the following:

- Change your Apple ID password
- Sign out of your Apple ID
- Update Apple ID account security settings (such as adding or removing a trusted device, Recovery Key, or Recovery Contact)
- Add or remove Face ID or Touch ID
- Change your iPhone passcode
- Reset All Settings
- Turn off Find My
- Turn off Stolen Device Protection

To turn on Stolen Device Protection on or off:

1. Make sure your iPhone is running iOS 17.3 or later
2. Open Settings
3. Tap Face ID & Passcode or Touch ID & Passcode, depending on your iPhone model
4. Enter your passcode to proceed to the next screen
5. Scroll to Stolen Device Protection, then toggle it on or off



To learn more about Stolen Device Protection:

- Visit `https://support.apple.com/en-us/HT212510`

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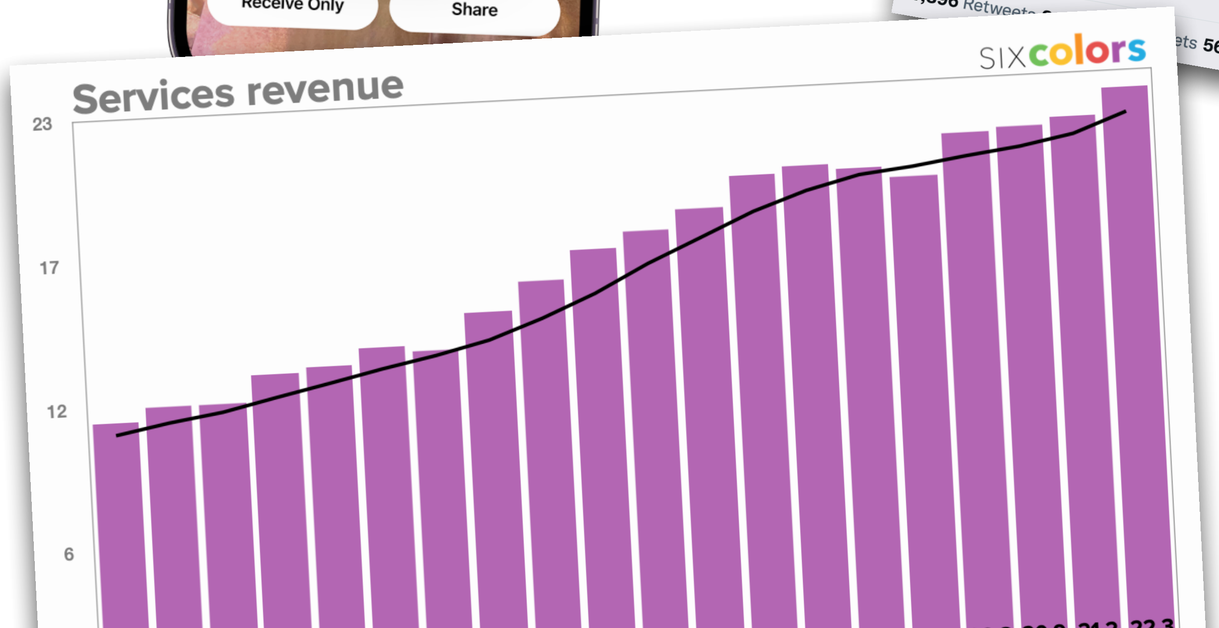
Upcoming meeting dates

All meetings begin at 7pm ET on Wednesday nights

- February 28
- March 13
- March 27

Cove Apple Club

January 10, 2024