



Authorized
Education Specialist



Deploying Apple in Education

Compugen

(905) 707-2000 or 1 (800) 387-5045

<https://www.compugen.com>

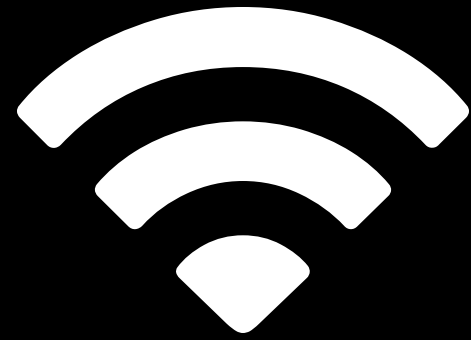




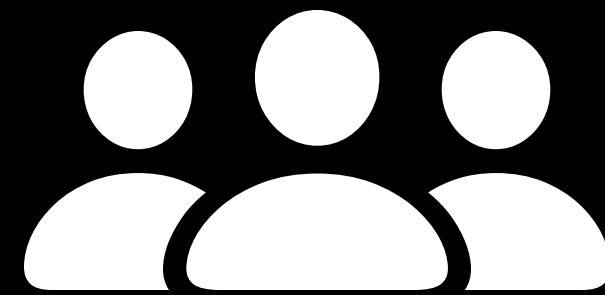
MacBook Air

Prepare Your Institution

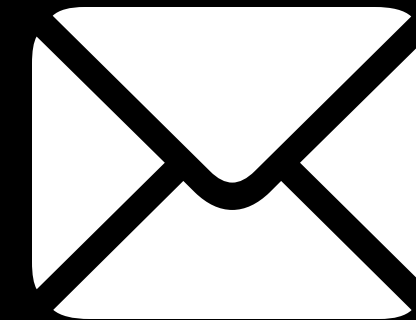
Prepare Your Infrastructure



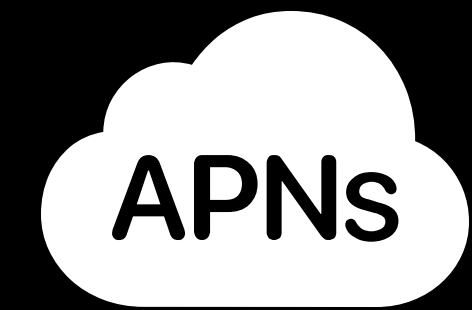
Wi-Fi



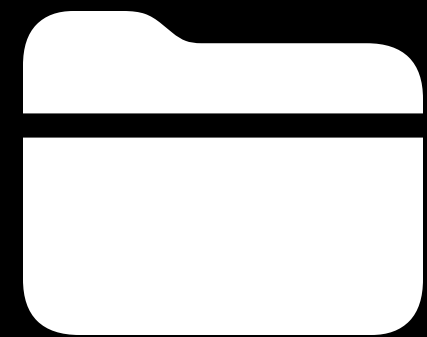
Identity



Email



Apple Services



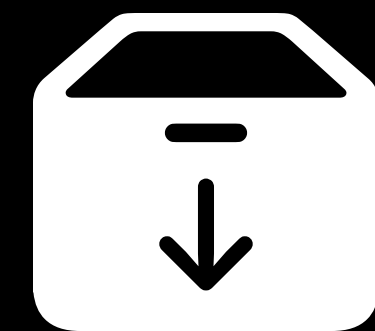
File Providers



VPN



Security



Content Caching

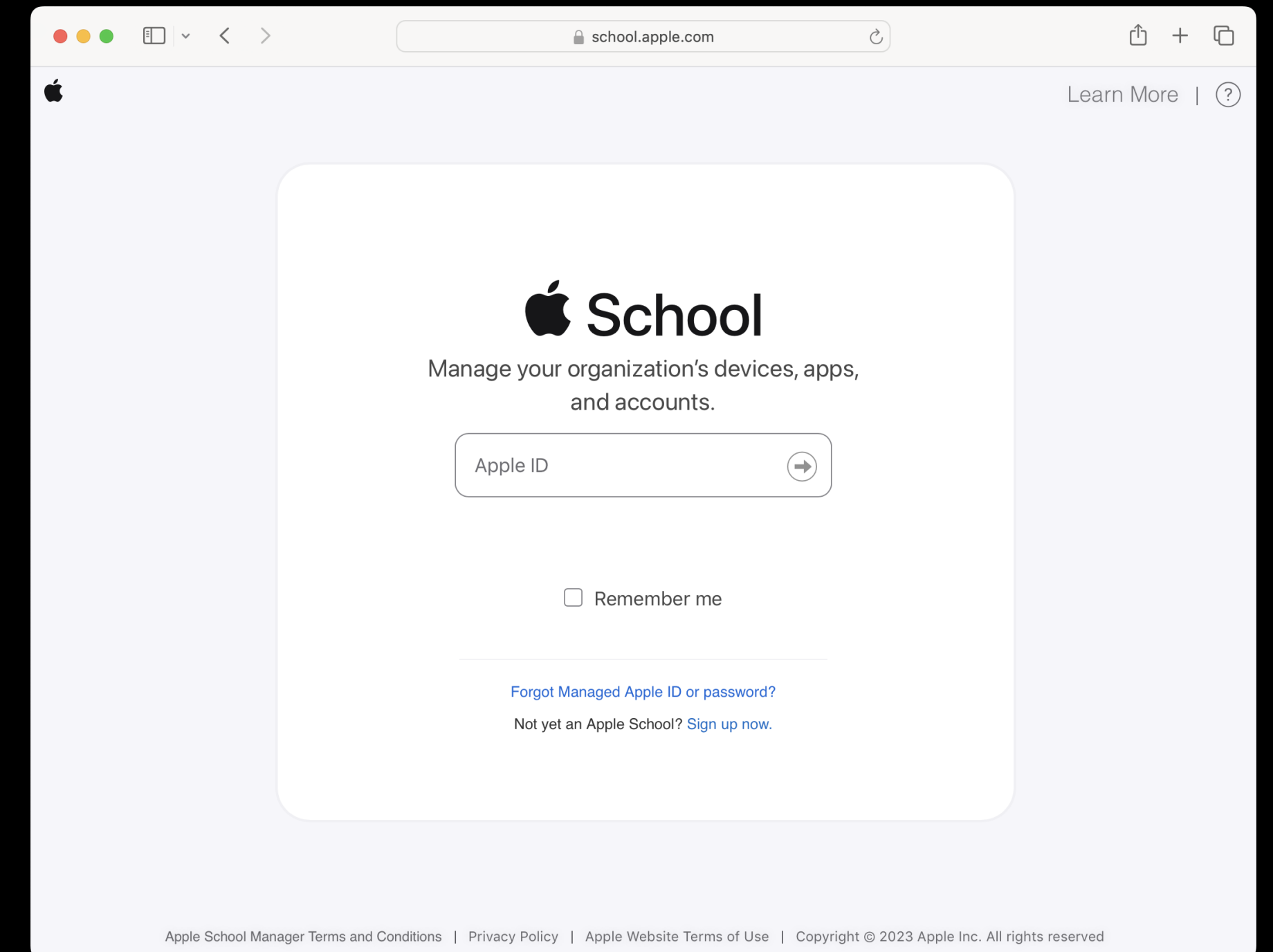
Apple School Manager

Integrates with MDM solutions

Enables zero-touch deployment

Volume purchasing of apps and books

Create Managed Apple Accounts



Mobile Device Management

Built-in, lightweight Apple framework

Easily manage accounts, policies,
apps, restrictions

Automate configuration settings

Configure devices over the air



Wi-Fi Network Design

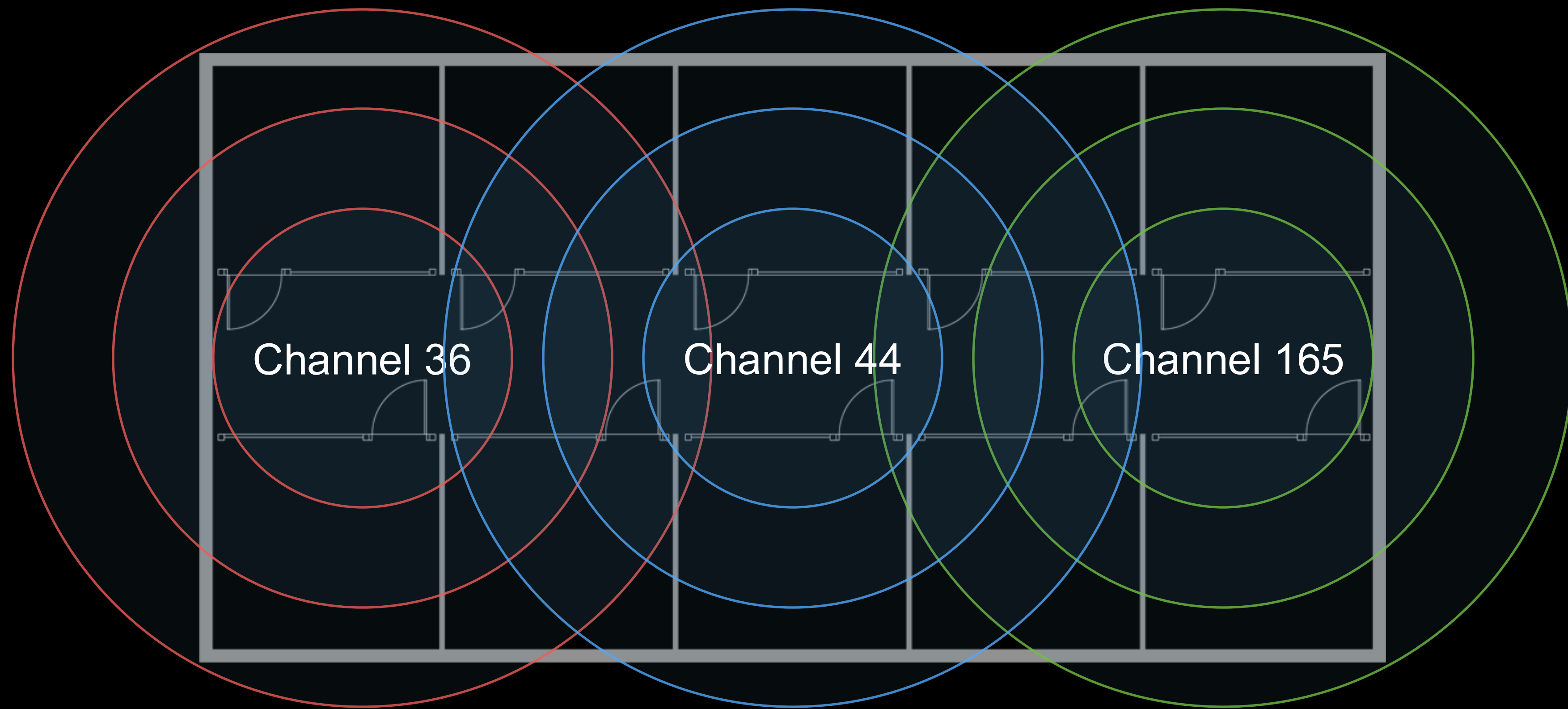
Coverage — Provide all areas with access

Capacity — Ensure bandwidth density to support all clients



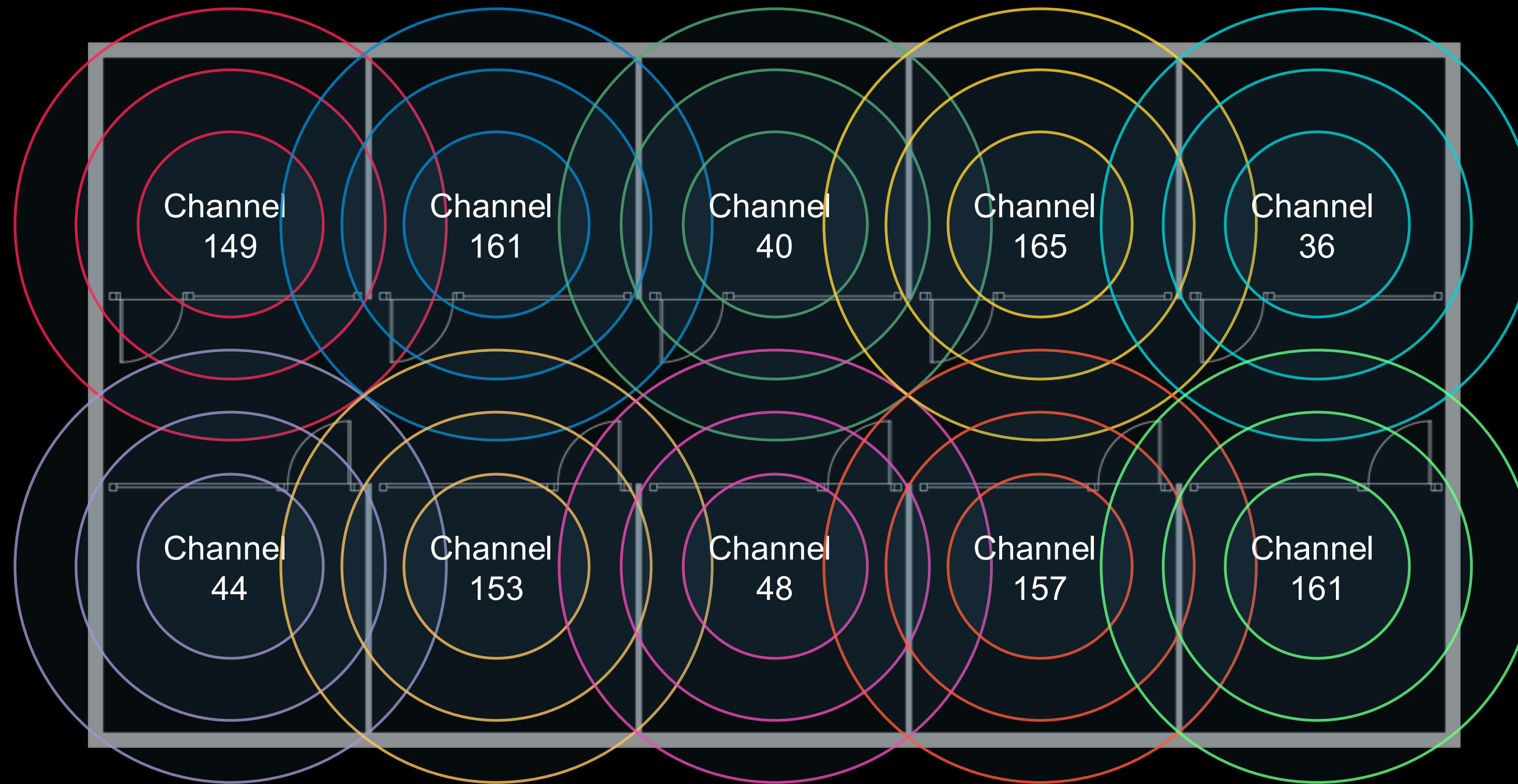
Wi-Fi Example (5 GHz)

Design for coverage



Wi-Fi Example (5 GHz)

Capacity and coverage



Cellular Connectivity

Carrier selection

Physical SIM versus eSIM

Automate with MDM

Content-filtering strategy



Managed Apple Accounts

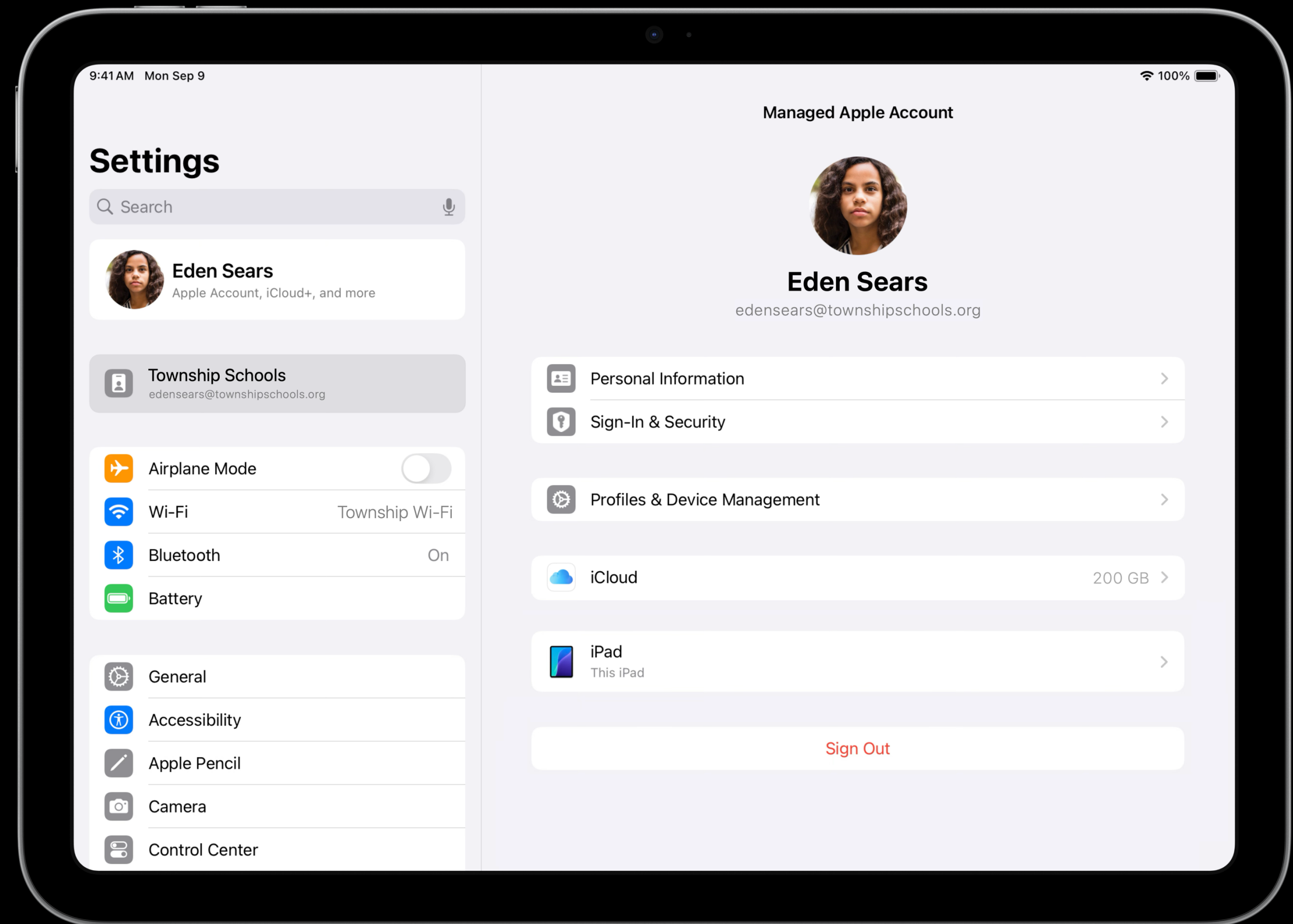
Managed Apple Accounts

Apple Account owned by
your institution

Access to Apple services including
Wallet, Continuity, and passkeys

Access management controls

Account-driven device enrolments



Create Managed Apple Accounts

Domain management

Verify institution-owned domains

Allow only managed accounts to be created

Initiate Domain Capture

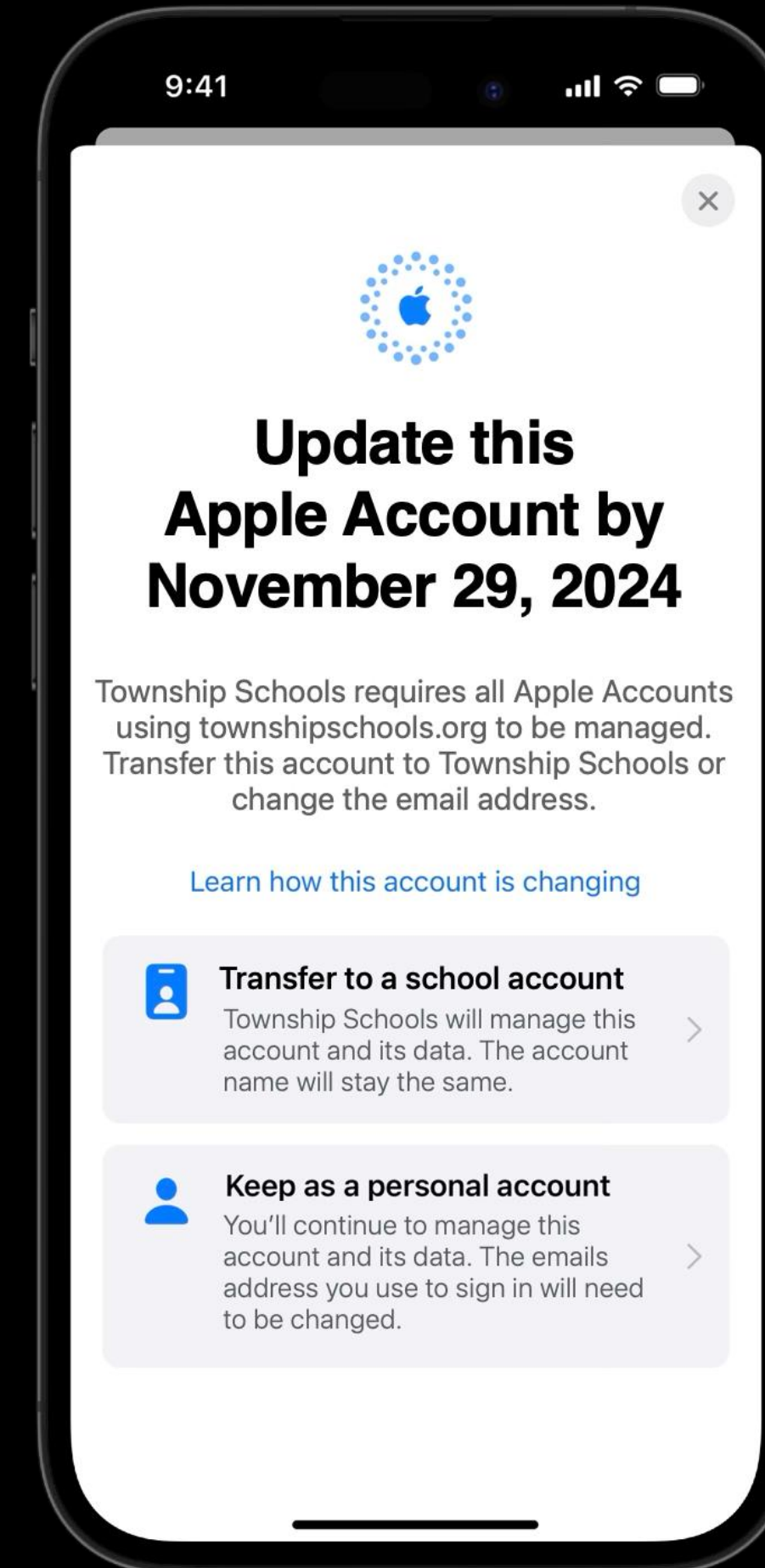


Update Apple Account

Transfer account to your institution

Keep account as personal

30 days to take action



Manually creating Managed Apple Accounts

Apple School

Activity6

Locations

Users

Classes

Access Management

Account Requests

Devices

Assignment History

Apps and Books

Custom Apps

Amy

Township Schools

Search

Add

Your Users

1 Filter x Sort ↑↓

All Users

67 Users at Township Schools

John Baily

Student · T30-STUDENT-15

Arati Bam

Student · T30-STUDENT-32

New

Jason Bettinger

Student · T30-STUDENT-14

New

Chella Boehm

Student · T30-STUDENT-06

New

Matt Brooks

Student · T30-STUDENT-56

New

Amanda Caddy

Student · T30-STUDENT-59

New

Allison Caplan

Student · T30-STUDENT-02

New

Sarah Castelblanco

Student · T30-STUDENT-24

New

Chris Coffelt

Student · T30-STUDENT-35

New

Brian Cook

Student · T30-STUDENT-05

New

Nicole Dalesio

Student · T30-STUDENT-52

New

Moira Dawson

Instructor · T30-INSTRUCTOR-01

New

Kevin Dalesio

Instructor · T30-INSTRUCTOR-02

New

Add New User

X

First Name

Kevin

Middle Name (optional)

Middle Name

Last Name

Fowler

Managed Apple ID ⓘ

kfowler

@

id.townshipschools.org

Roles / Locations

Instructor

at

Location

Email Address

kfowler@id.townshipschools.org

Grade Level (optional)

Search or Add Grade Level

Person Number (optional) ⓘ

123456

Person ID (optional) ⓘ

1234567890

SIS User Name (optional) ⓘ

User Name

Cost Center (optional)

1A2B3C-4D5E6F

Division (optional)

Teaching Assistants

Department (optional)

Language Arts

Save

Custom Identity Provider support

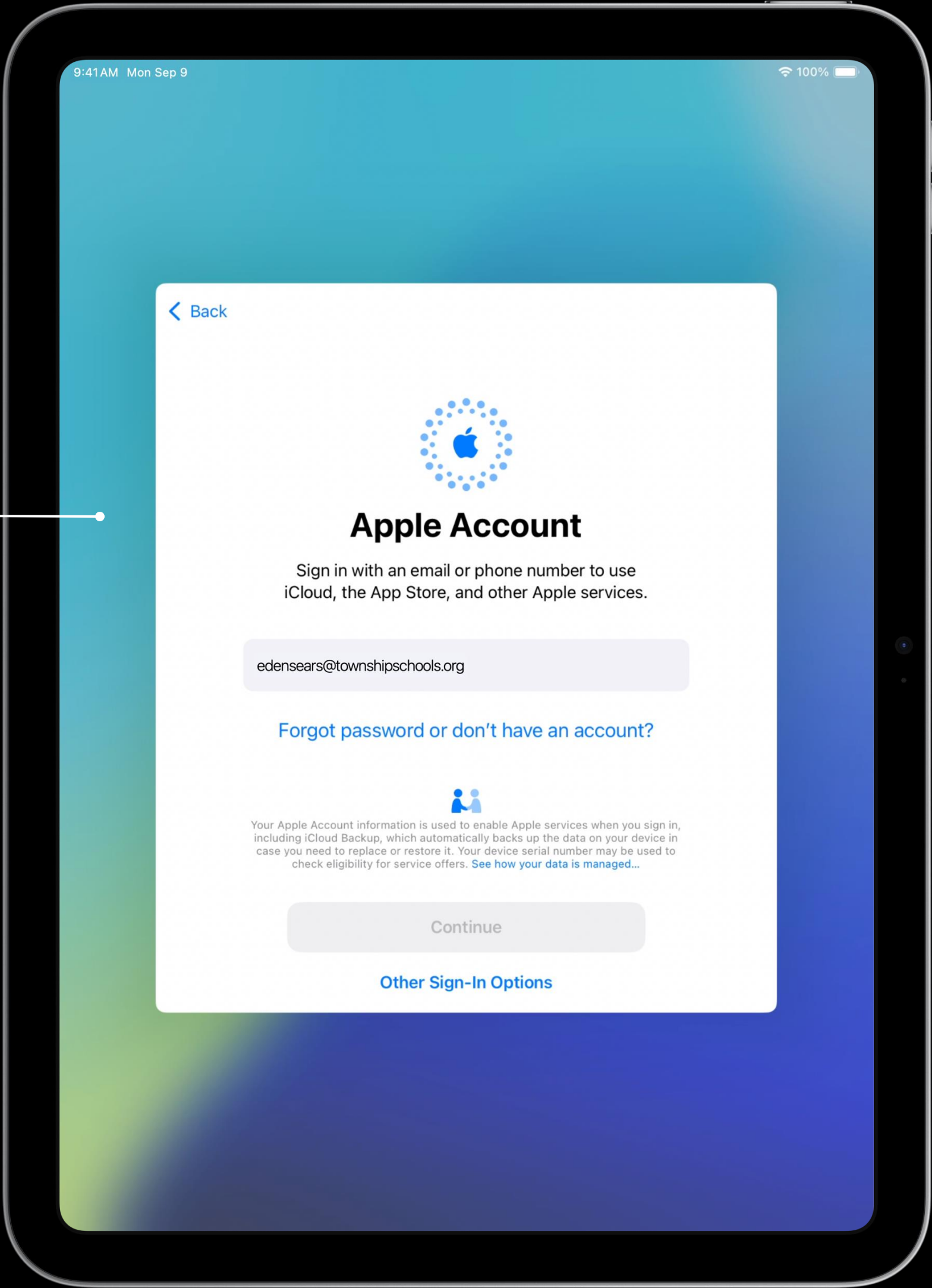
Works with any identity provider supporting open standards

- OpenID Connect for federated authentication
- SCIM for directory sync
- OpenID Shared Signals Framework for account security events



Managed Apple Accounts

Sign in with federated authentication



Student Information System

Sync roster data to Apple School Manager
with Claris Connect

Upload via SFTP

Use classes in Classroom and Schoolwork

Configure Shared iPad with classes



A high-angle, slightly dim photograph of three people—two women and one man—collaborating at a rustic wooden table outdoors. The woman on the left, with dark hair in braids and wearing a bright green long-sleeved shirt, is looking towards the center. The man in the middle, wearing a light-colored patterned shirt, is holding a white stylus and pointing at a tablet. The woman on the right, with blonde hair in a bun and wearing a light blue sweatshirt, is working on a laptop. On the table are various items: a yellow folder with a smartphone on top, a red pen, and some papers. The background shows a brick wall and some greenery. The overall mood is professional and collaborative.

**Adopt Managed Apple Accounts
in your institution today**

Managing Apple Devices

Institution- Owned Devices

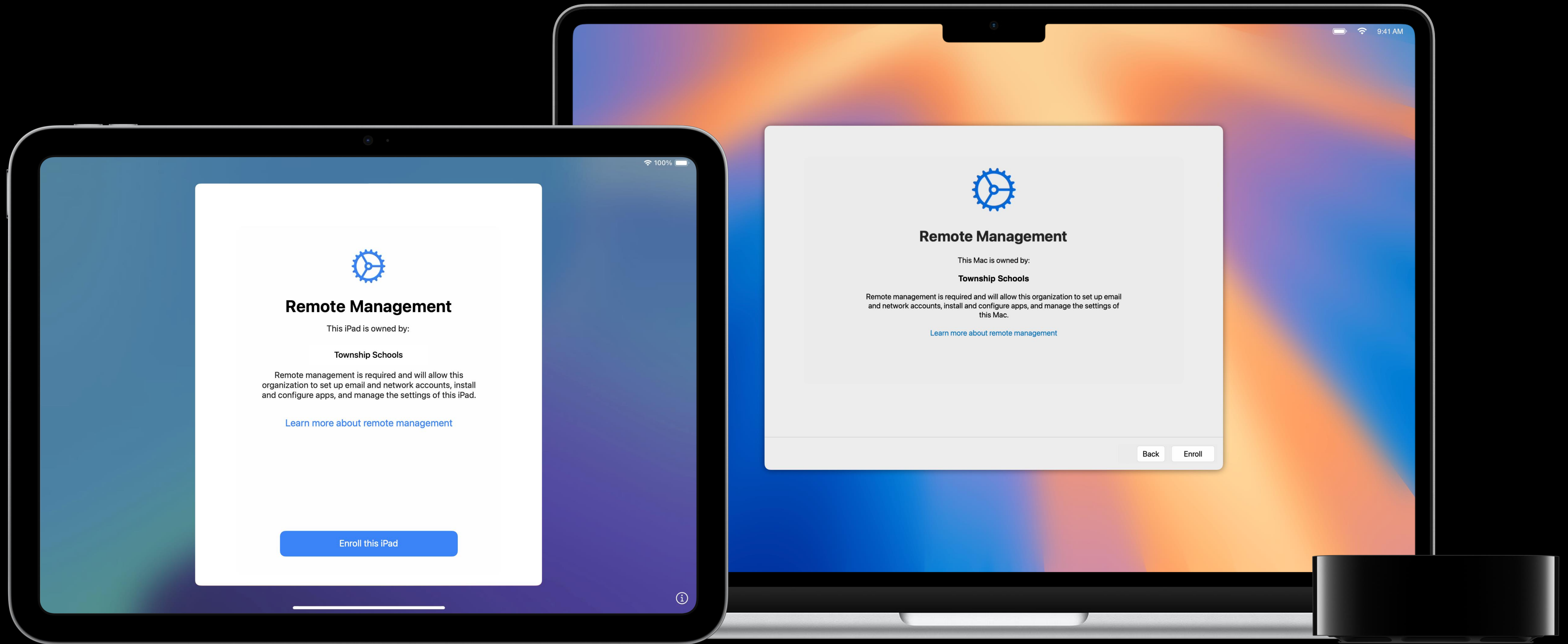


Deployment and Management





Automatically
enrolled into MDM



Automated Device Enrolment

Designed for new or refreshed devices

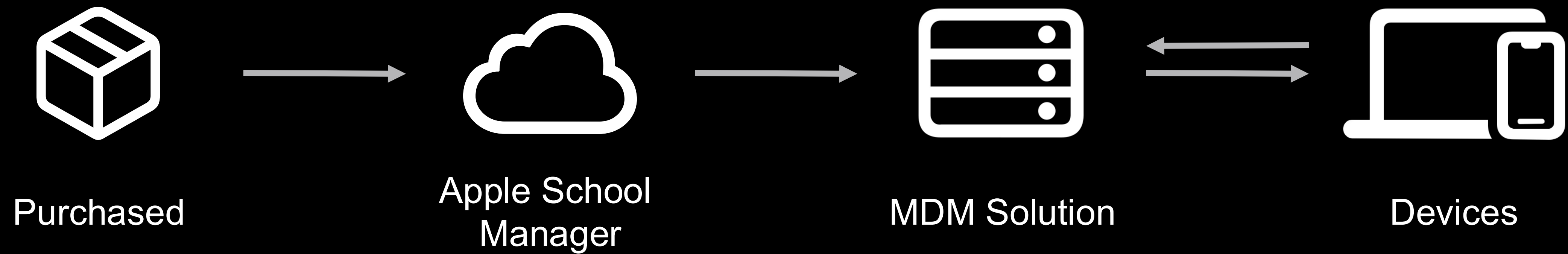
Automatically enrol into MDM

Customize the enrolment process

Require authentication, enforce settings, and skip setup steps




How Zero-Touch Deployment Works



Manually Add Devices to Apple School Manager



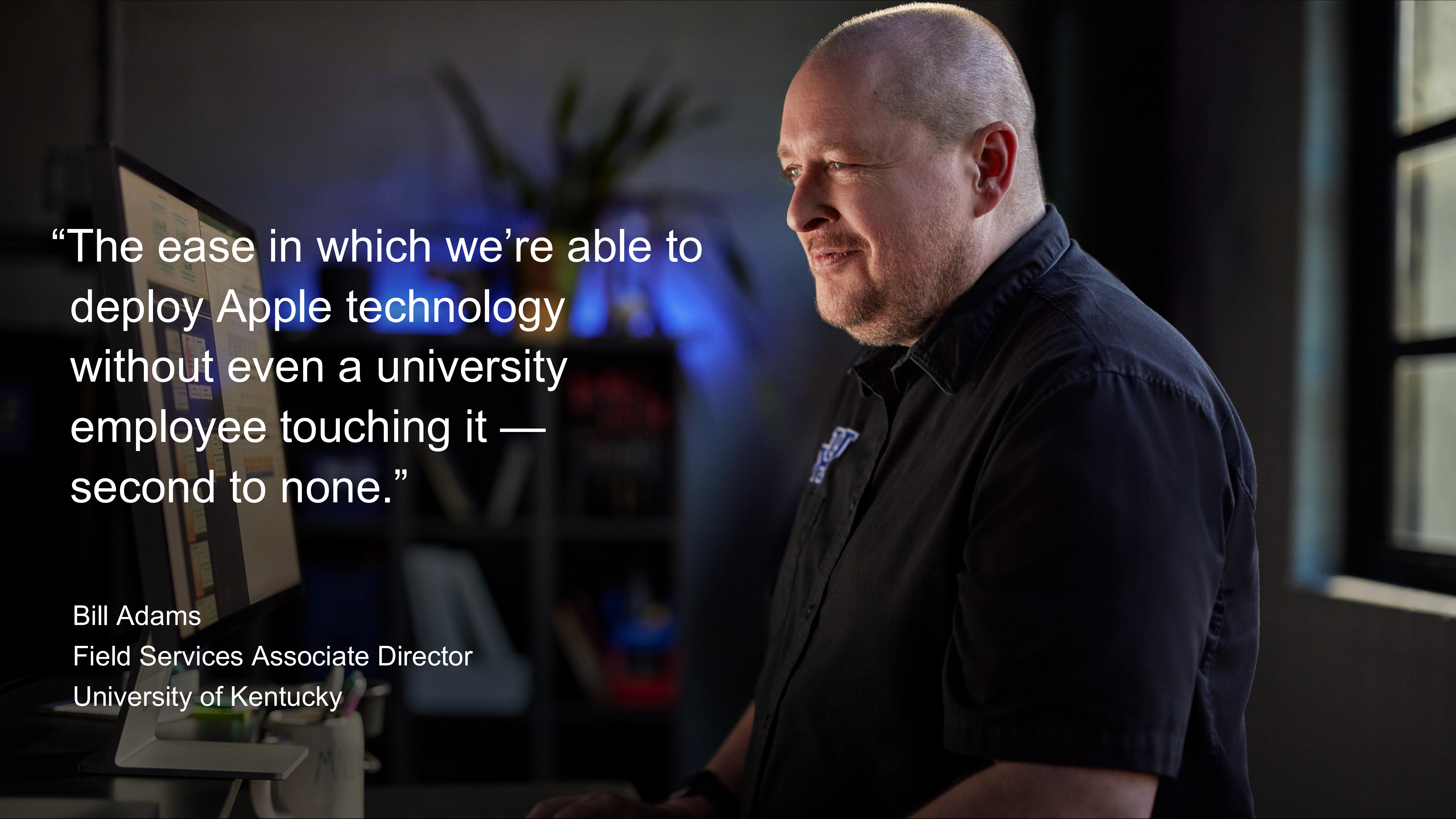
A man with short grey hair, a beard, and glasses, wearing a dark blue suit, white shirt, and blue patterned tie. He is smiling and holding a black tablet in his left hand. The background is a blurred outdoor setting with a building and trees.

“Our technology lead was able to manage an enormous fleet of devices. It was surprisingly easy for one person to handle that workload.”

Brad Tate

Deputy Principal

Nowra Public Schools, Australia

A man with a beard and short hair, wearing a dark blue button-down shirt, is shown in profile, looking at a computer monitor. The monitor displays a complex software interface with various charts and data. The background is dimly lit, showing a bookshelf and a plant, creating a professional office atmosphere.

“The ease in which we’re able to
deploy Apple technology
without even a university
employee touching it —
second to none.”

Bill Adams
Field Services Associate Director
University of Kentucky



Automated Device
Enrolment



Device
Enrolment

Device Enrolment

Designed for devices already in use

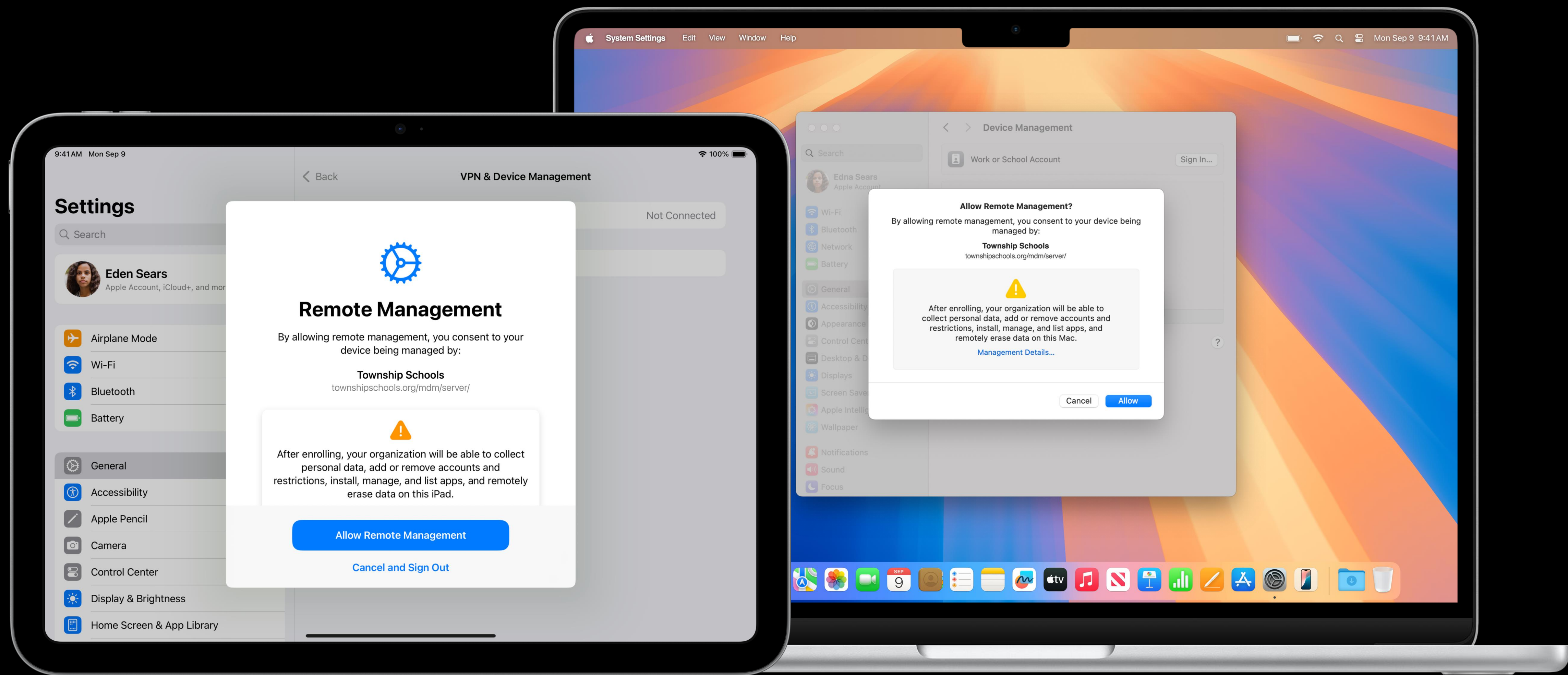
Manual enrolment into MDM

Account-driven enrolment option:

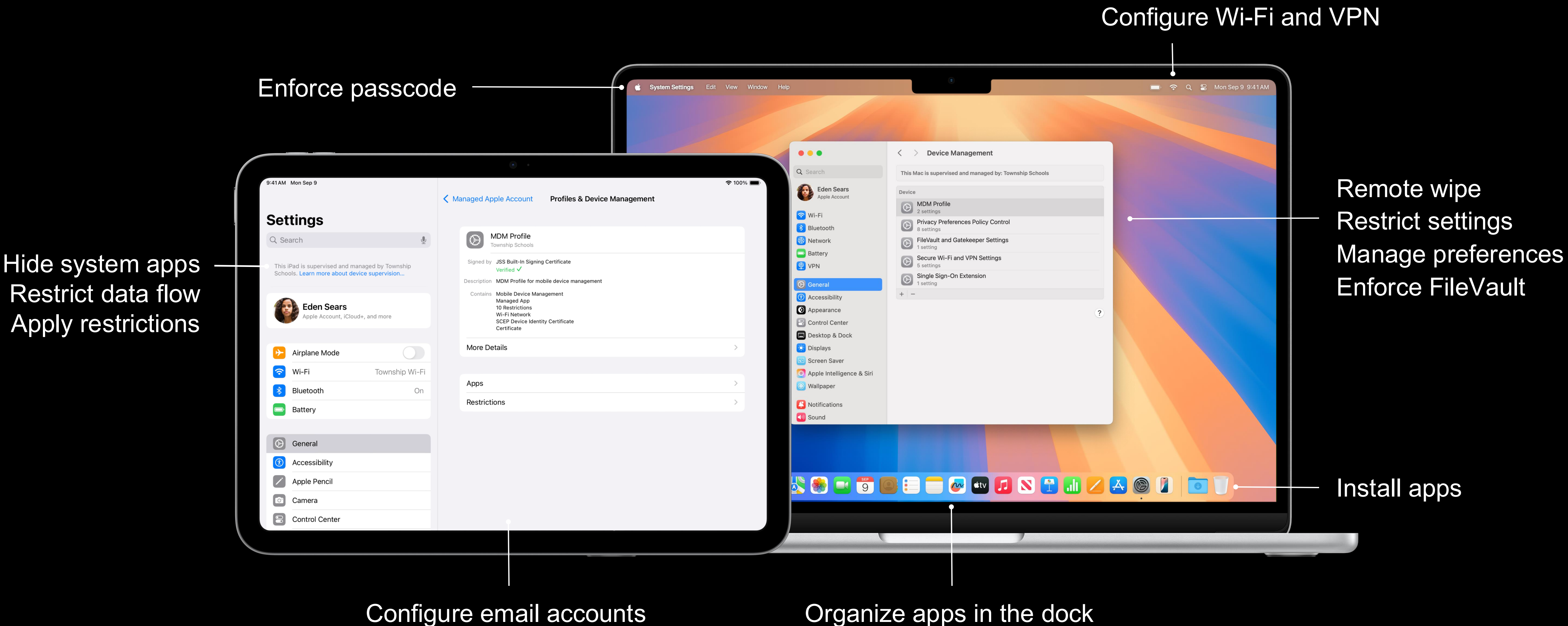
- Sign in with Managed Apple Account
- Personal and school data separated
- Enrolment SSO support on iPad



Account-Driven Device Enrolment



Device Management Capabilities



Device Management



Configurations



Restrictions

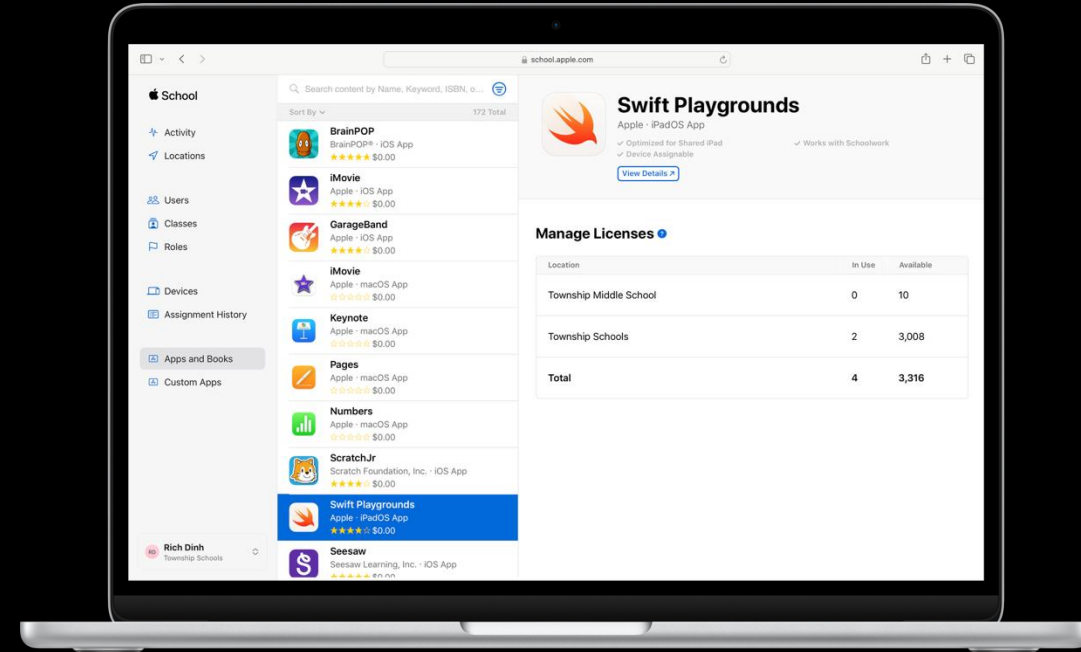


Commands

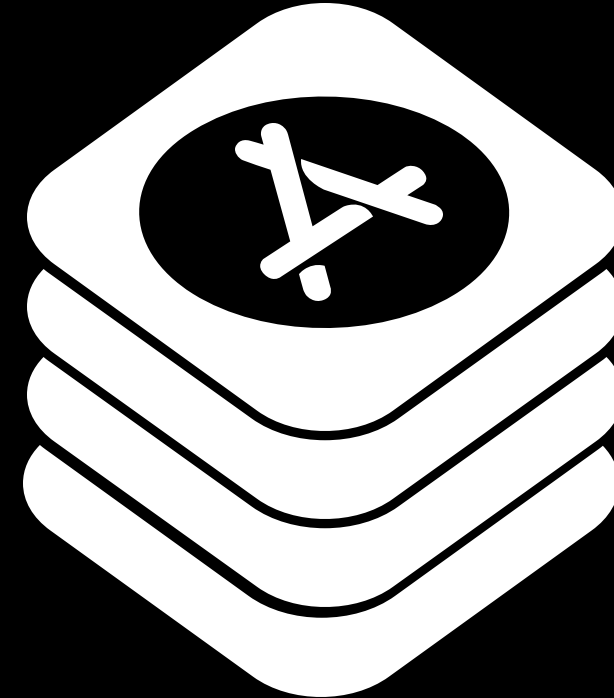


Device Status

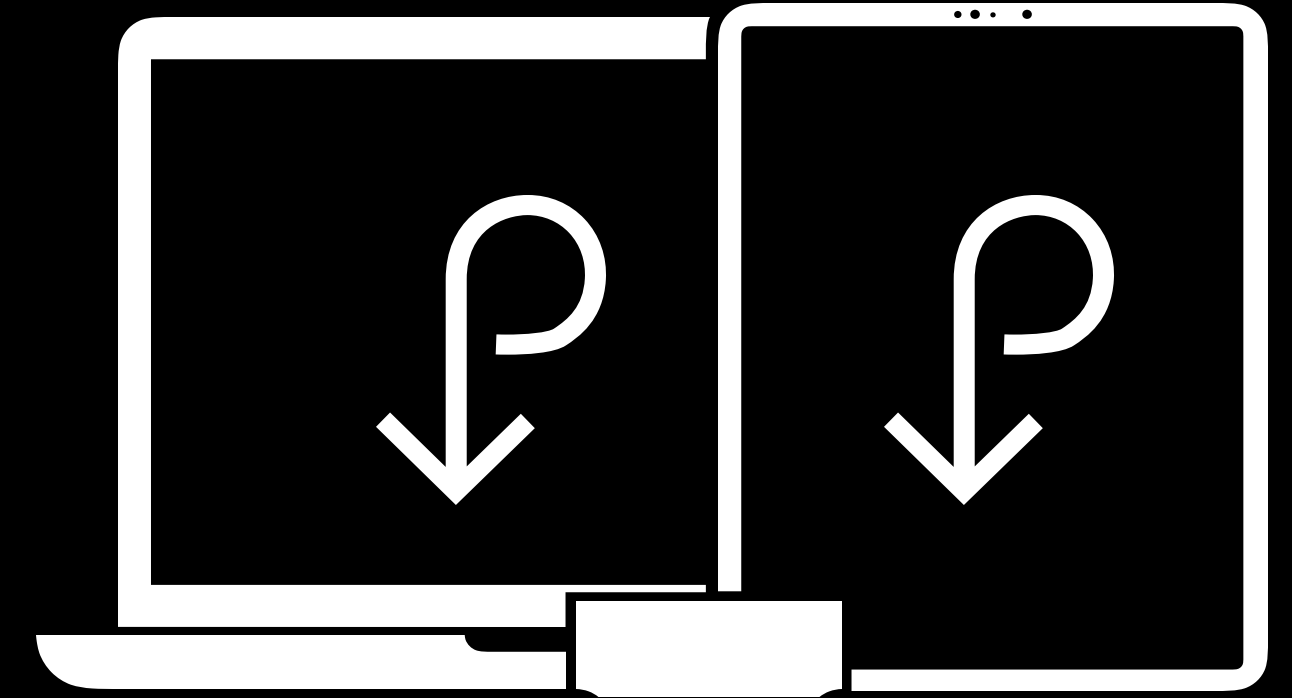
Apps and Books Deployment



Purchase apps and books
in volume



Assign licenses
within your MDM



Deploy directly
to devices

Shared iPad



Shared iPad for Education

Multiuser scenarios

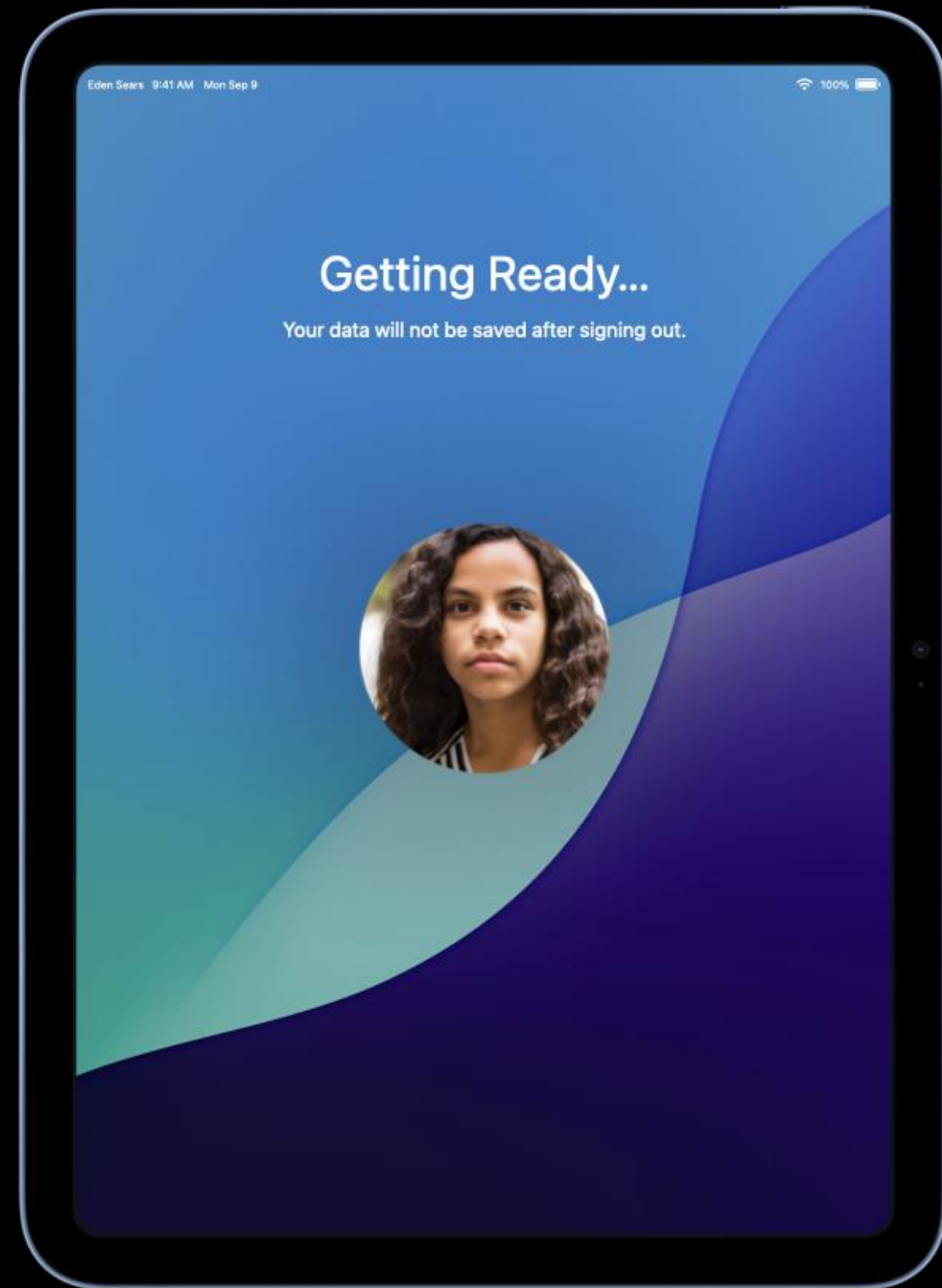
Personalization with Managed
Apple Account

Data stored in the cloud, cached
on device

Temporary session option

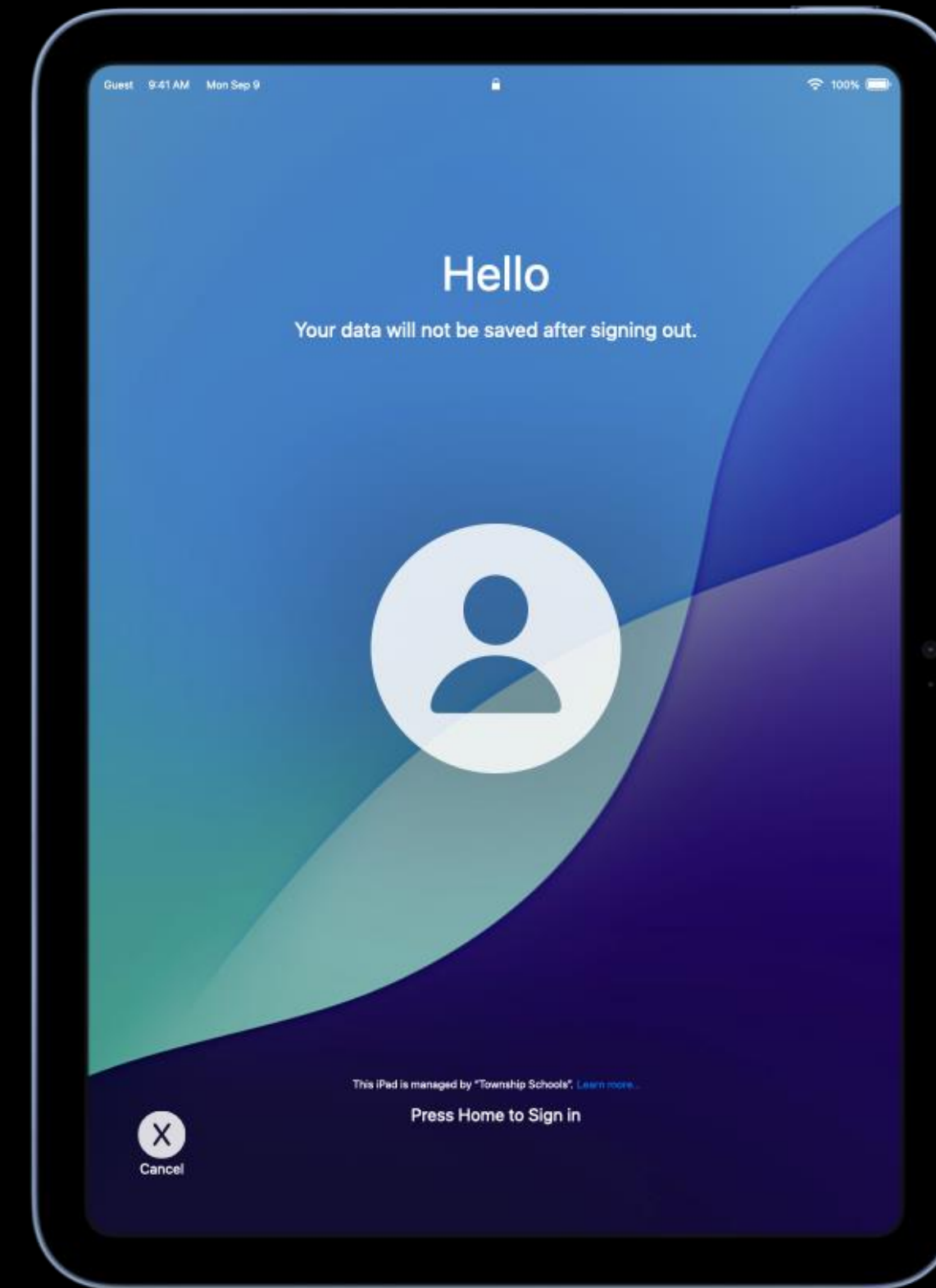


Shared iPad Uses



Personalized

User signs in with Managed Apple Account



Temporary session

No account required

Managing Shared iPad

Disabled for users

Add or remove apps

Changing the Home Screen layout

Changing the wallpaper

Adding personal accounts

Software updates

Erase all content and settings

Find My, Home, and Tips apps

Manageable by IT

Managed app distribution

Define the Home Screen layout

Set the wallpaper

Accounts payload

Managed software updates

Remote wipe device

MDM Lost Mode



Security and Identity

Managing Security with MDM

Enforce a baseline of security settings

Data Protection and encryption

Manage data flow

Manage Activation Lock

Lost Mode and Remote Wipe



Endpoint Security for Mac

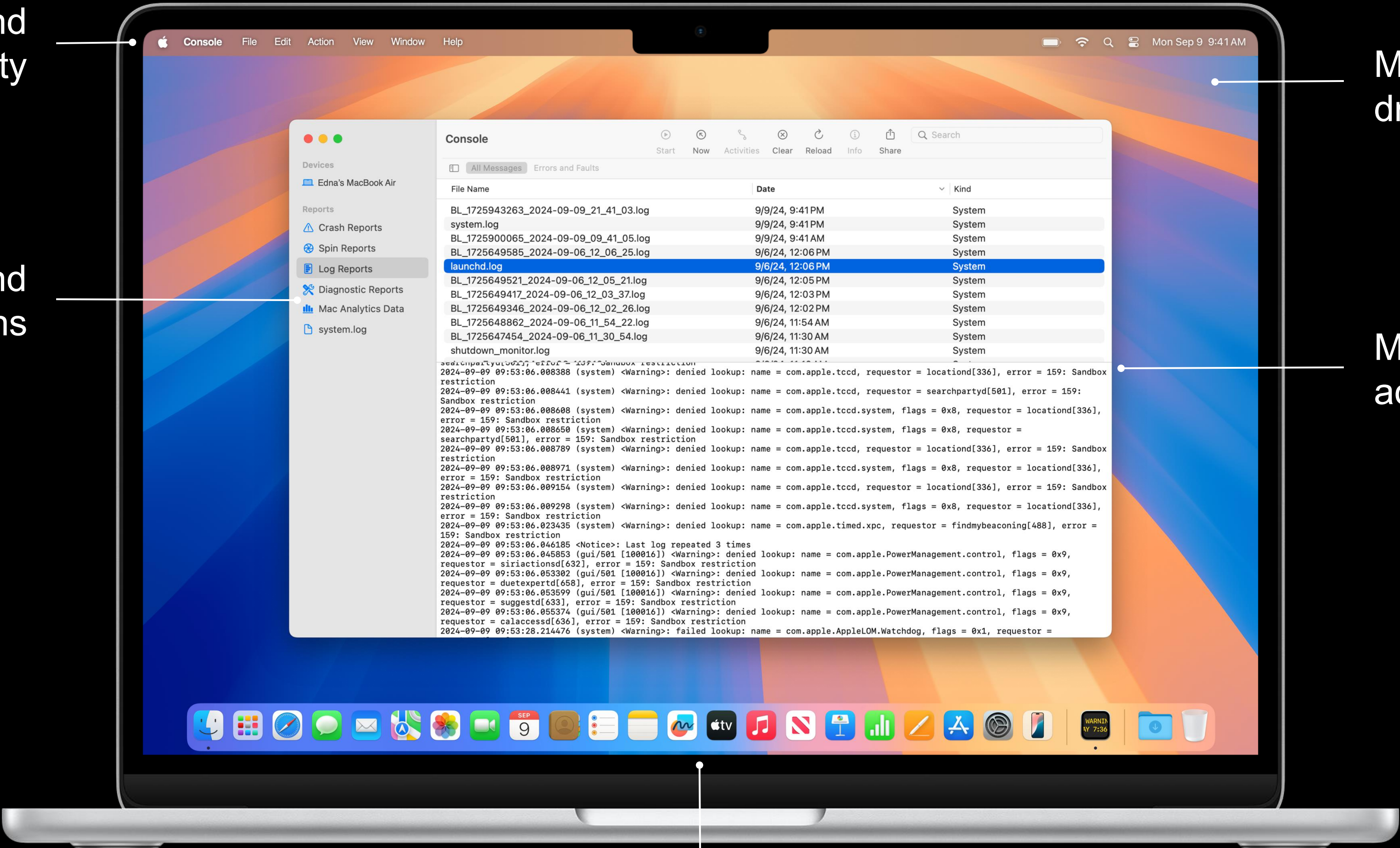
Monitor login and
logout activity

Monitor XProtect and
Gatekeeper notifications

Monitor external
drive mount activity

Monitor authentication
activity

Monitor process executions and forking



MDM and Endpoint
Security solutions



Endpoint Security
solutions



Single Sign-On Integrations

Systemwide extension for Mac and iPad

Connects with identity providers

Works with Safari and native apps

Mac login window integration



Single Sign-On Integrations

Use Touch ID to
sign in to apps
and websites



Sign in once at
Mac login window

Updates and Refresh

Managed Software Updates

Defer updates for up to 90 days

Enforce updates by specific date

End-user notifications





Mon Sep 9 9:41 AM



Managed Update

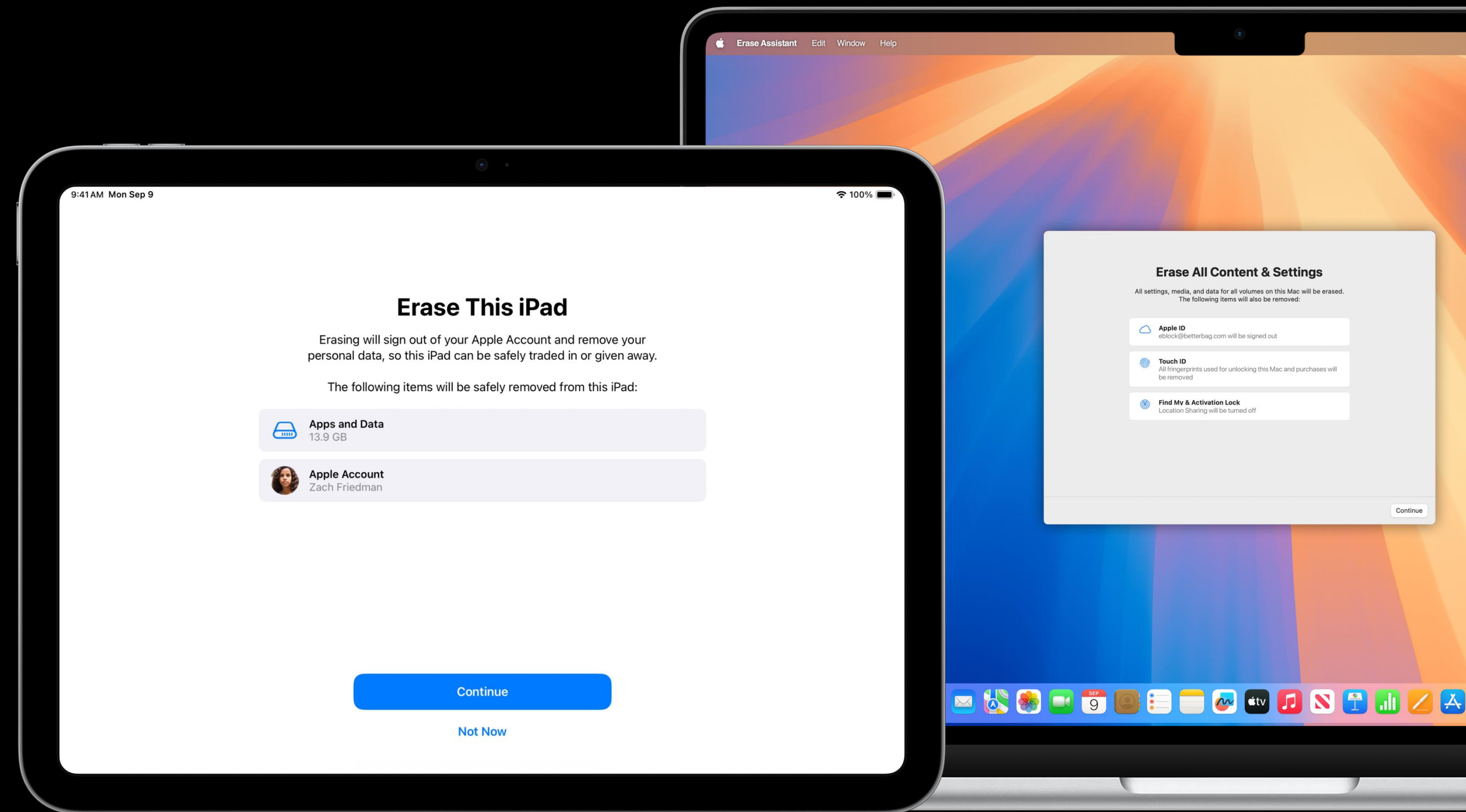
An update to macOS 15 is past due. You can install it now or it will be installed automatically within the next hour.

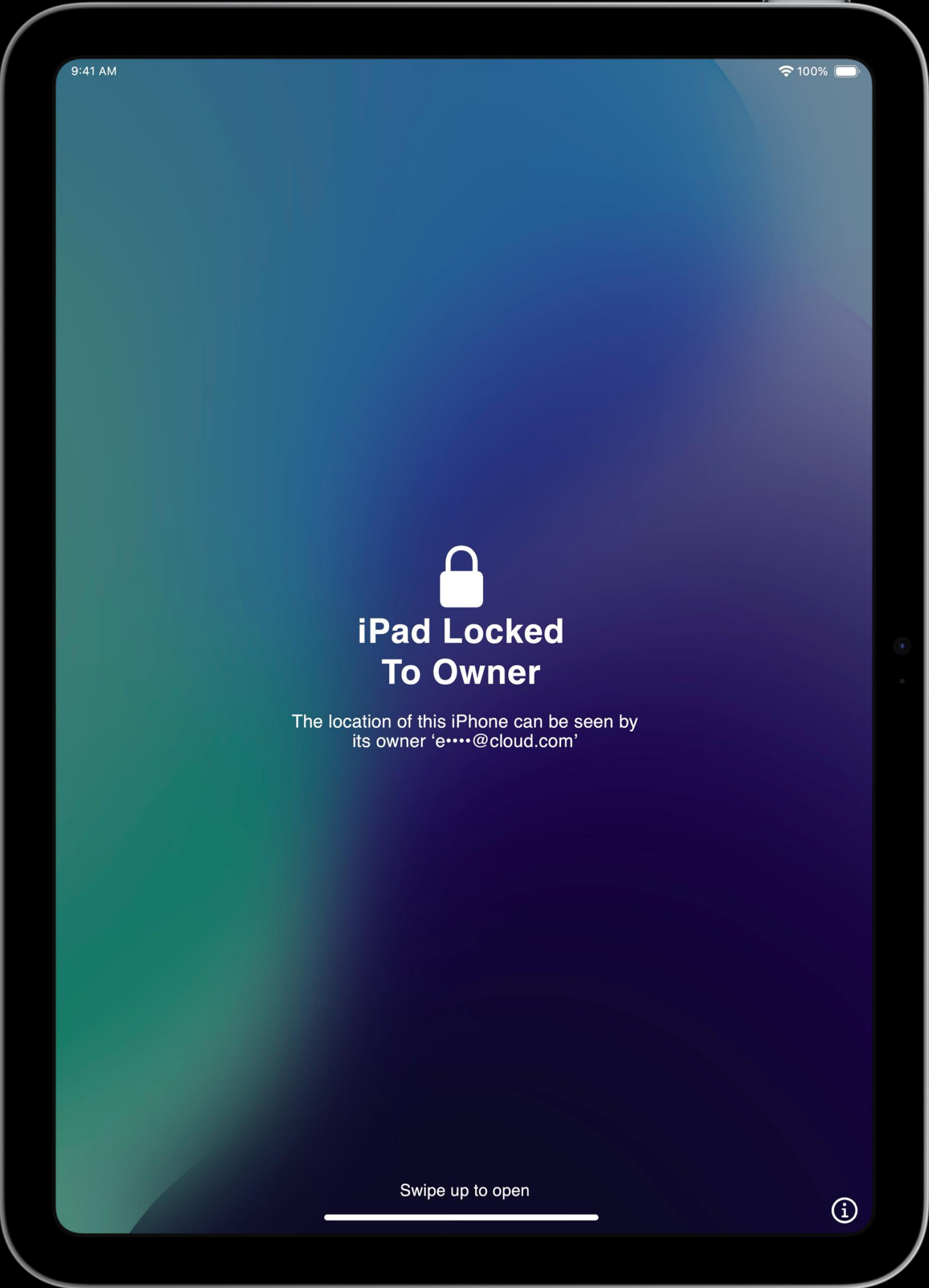
Redeployment

Erase All Content and Settings

Renders all data on the device
cryptographically inaccessible

Apple Configurator or
MDM remote wipe





Manage Activation Lock

Turn off Activation Lock in Apple School Manager

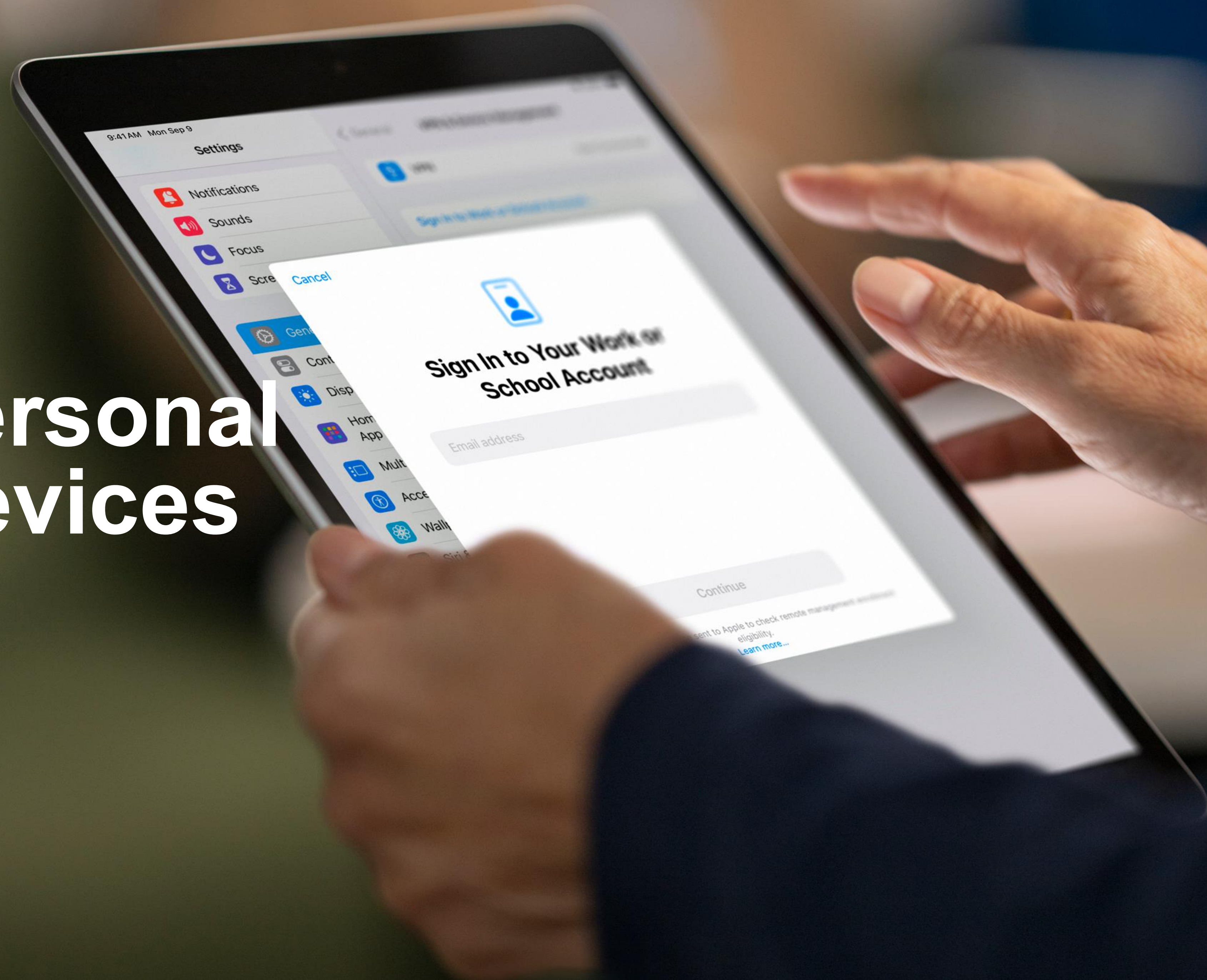
iPhone, iPad, Mac, Apple Watch, and Vision Pro

Devices need to be in your institution

Institution and user Activation Lock



Personal Devices



User Enrolment

Designed for personal devices

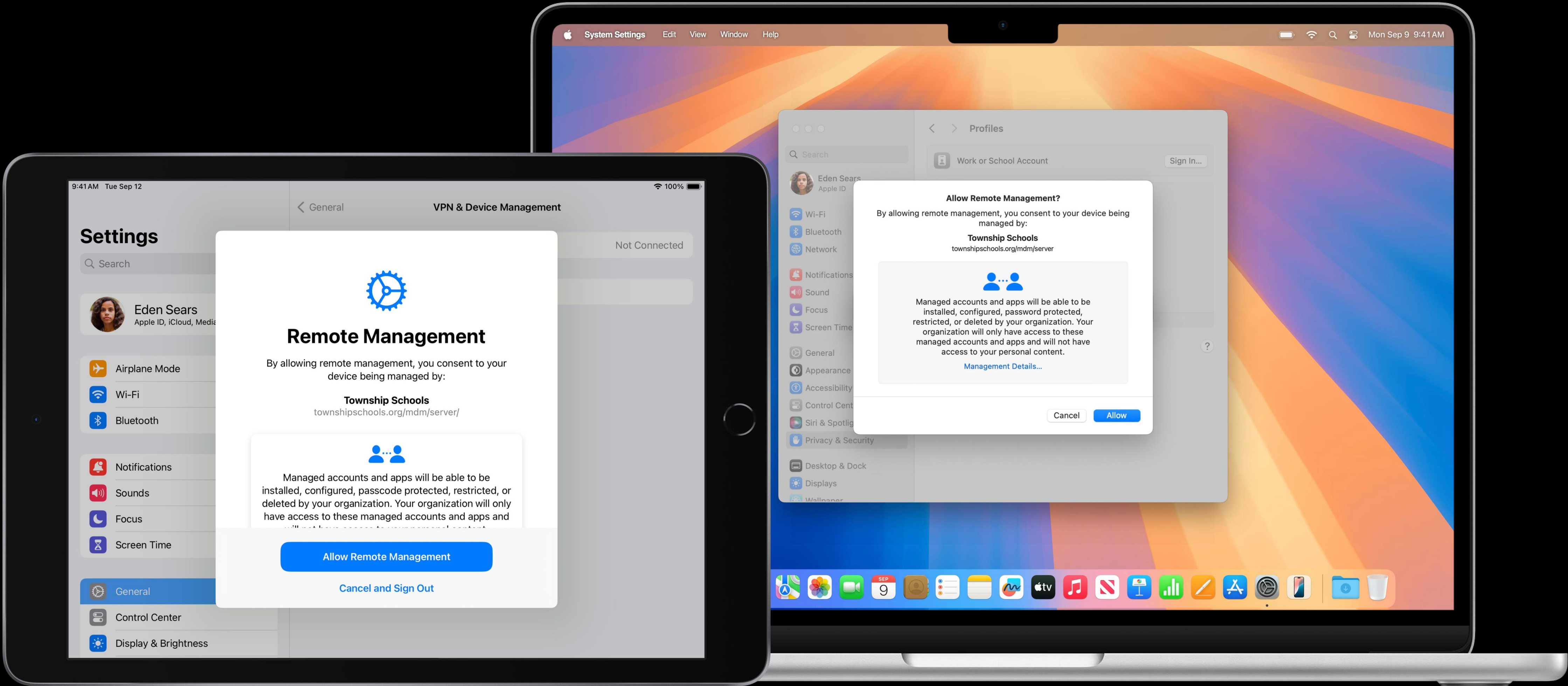
Curated BYOD management capabilities

Account-driven enrolment process:

- Sign in with Managed Apple Account
- Personal and school data separated
- Enrolment SSO support on iPad



User Enrolment



Curated BYOD Management Capabilities

- | | |
|-----------------------------------|-------------------------------------|
| ✓ Configure accounts | ✗ Access personal information |
| ✓ Configure per-app VPN | ✗ Access inventory of personal apps |
| ✓ Install and configure apps | ✗ Remove any personal data |
| ✓ Require a passcode on iPad | ✗ Collect any logs on the device |
| ✓ Enforce certain restrictions | ✗ Take over personal apps |
| ✓ Access inventory of school apps | ✗ Require a complex iPad passcode |
| ✓ Remove school data only | ✗ Remotely wipe the entire device |
| | ✗ Access device location |

Tools for Educators

Classroom

Remote learning support

Create smart lesson plans using agendas

Maximize class time with a built-in timer

Teacher- or admin-created classes

Nearby ad-hoc classes



Schoolwork

Assign and collect student work

Assign specific activities within an app

View student progress

Collaborate and give real-time feedback

Send documents as an assessment



Assessment Mode

Automatically lock and configure iPad and Mac for secure test environment

Entitlement for secure testing apps

No management required

Multi-app mode for iPad

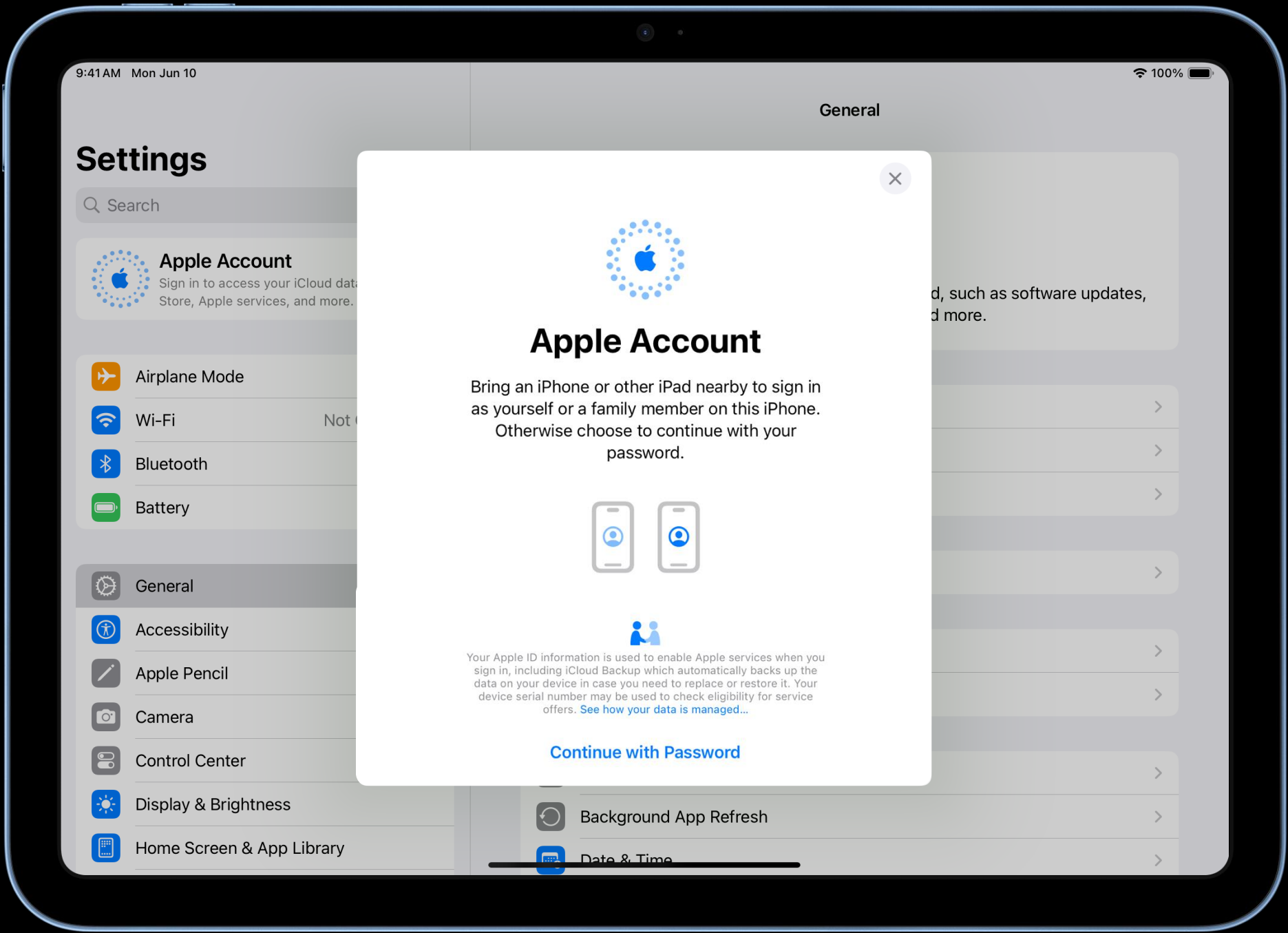


Easy Student Sign-In

Teacher



Student

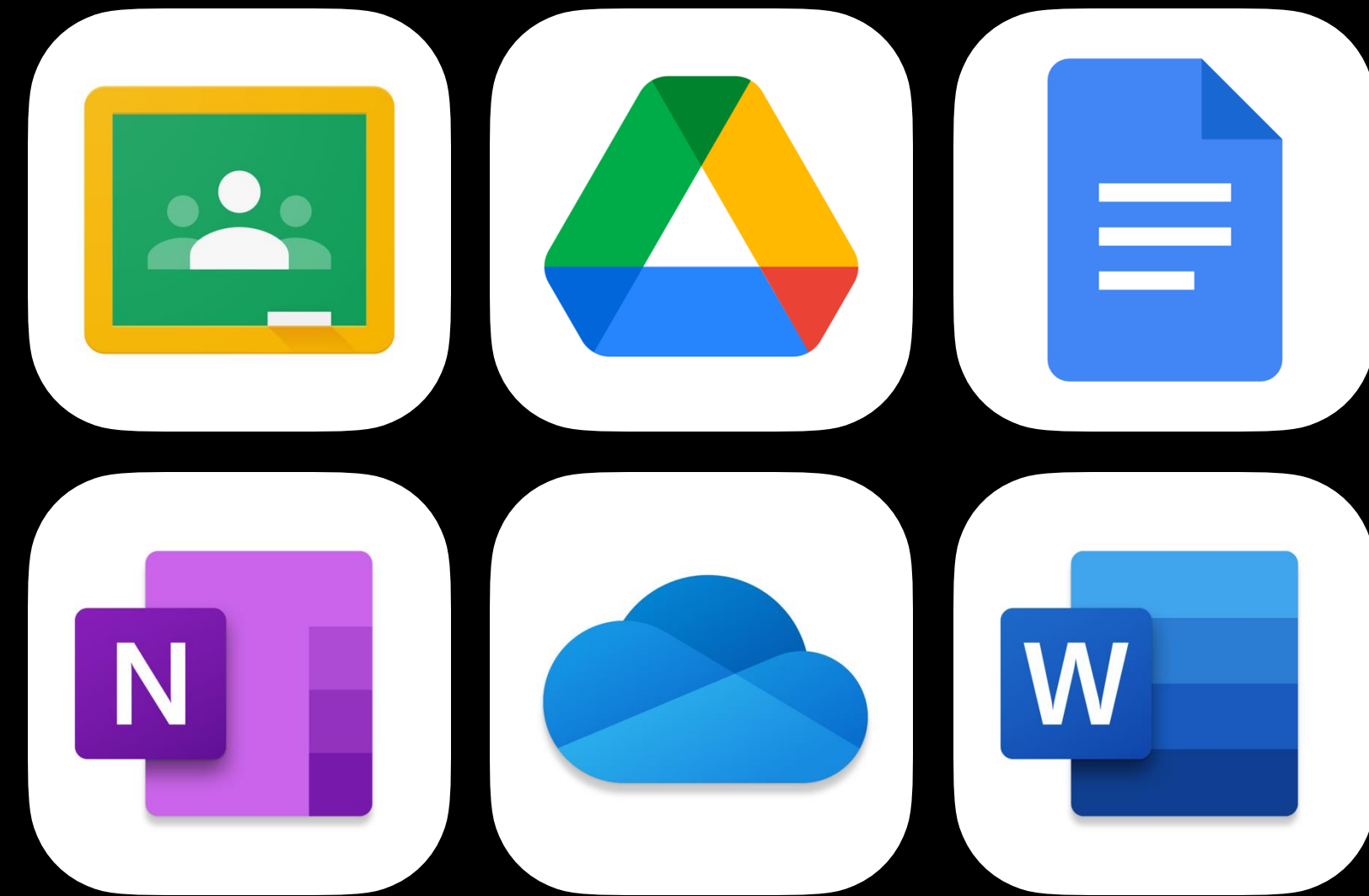


Compatibility

Google Workspace for Education

Microsoft Office 365

Learning management systems



Apple Education Community



education.apple.com

Resources

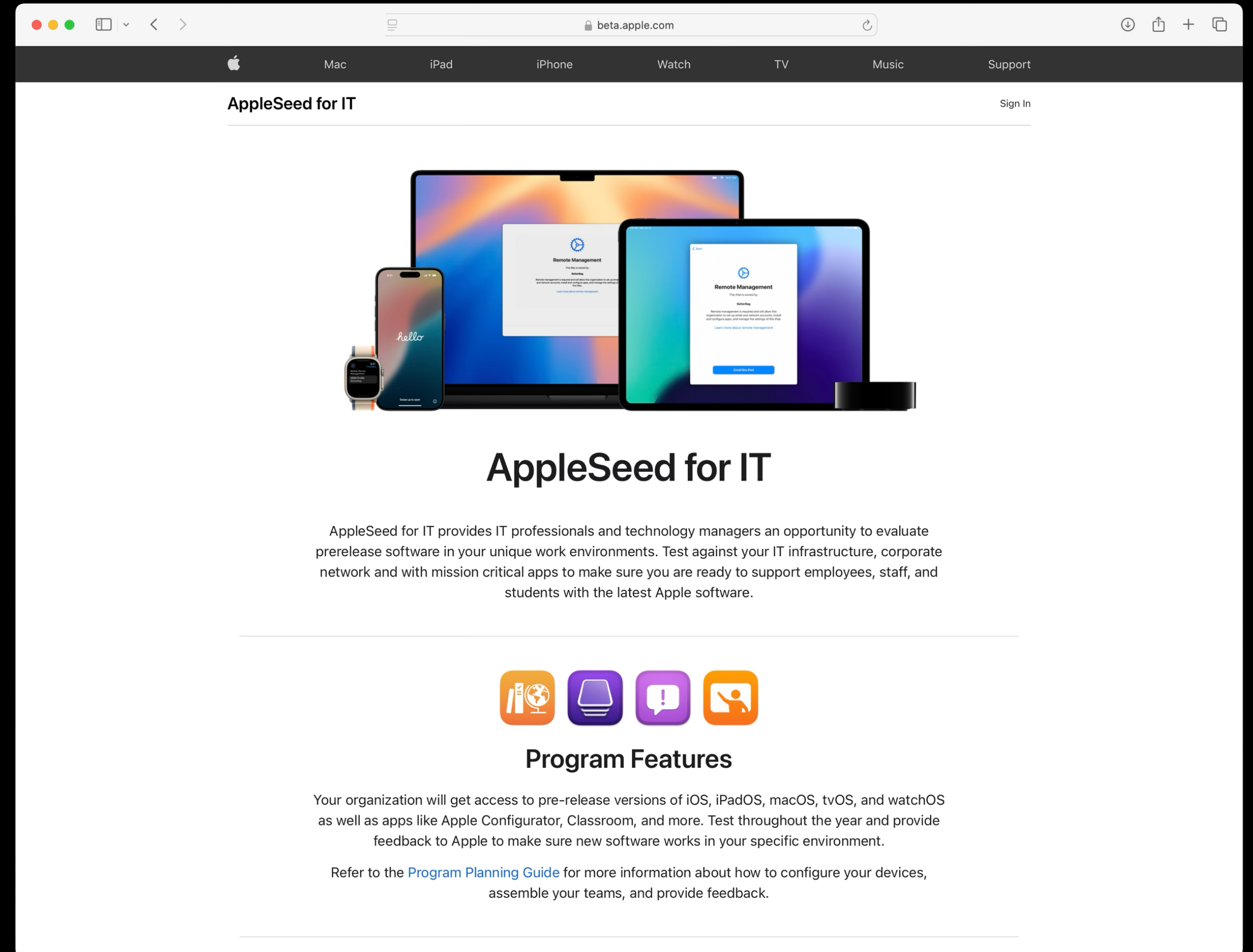
AppleSeed for IT

Beta access for IT

Documentation and release notes

Enrol at beta.apple.com/it

Configure your devices



Apple Platform Deployment



support.apple.com


StoreMaciPadiPhoneWatchVisionAirPodsTV & HomeEntertainmentAccessoriesSupport


Apple Platform DeploymentCommunities

Apple Platform Deployment

Search this guide

[Table of Contents](#)





Deploy and manage Apple hardware, software, apps, and services in your organization

Apple devices integrate hardware, software, apps, and services to let you manage your deployment projects easily. Get the control and flexibility you want by using [Apple School Manager](#) or [Apple Business Manager](#) and your chosen mobile device.

Apple Platform Security



support.apple.com


Apple Store Mac iPad iPhone Watch Vision AirPods TV & Home Entertainment Accessories Support

Communities

Apple Platform Security

Search this guide

[Table of Contents](#)




Hardware security

Secure software requires a foundation of security built into hardware. That's why Apple devices—running iOS, iPadOS, macOS, tvOS, or watchOS—have security capabilities designed into silicon.

[Learn more about Apple hardware security](#)

System security

Building on the unique capabilities of Apple hardware, system security is designed to maximize the security of the operating systems on Apple devices without compromising usability. System security encompasses the startup



Apple School Manager



support.apple.com

Apple Store Mac iPad iPhone Watch Vision AirPods TV & Home Entertainment Accessories Support

Apple School Manager User Guide

Communities

Apple School Manager User Guide

Search this guide

[Table of Contents](#)

School

My Profile

Accounts

Federated Authentication

Student Progress

Facetime & Message

Activity

Locations

Users

Classes

Rules

Account Requests

Devices

Assignment History

Apps and Books

Enrollment Information

Payments and Billing

My Profile

Accounts

Federated Authentication

Student Progress

Facetime & Message

Domains

Federated Authentication

Student Progress

Facetime & Message

Merge your data

Sync user accounts from your Student Information System, Google Workspace, Microsoft Entra ID, or your identity provider, or with files you create and upload using SFTP.

[Integrate with your Student Information System](#)

Manage devices

Streamline how you deploy Apple devices to your organization.

[Learn about the device workflow](#)

School

My Profile

Accounts

Federated Authentication

Student Progress

Facetime & Message

Activity

Locations

Users

Classes

Rules

Account Requests

Devices

Assignment History

Apps and Books

Enrollment Information

Payments and Billing

My Profile

Accounts

Federated Authentication

Student Progress

Facetime & Message

Domains

Federated Authentication

Student Progress

Facetime & Message

Overview

Details

Activity

