

# Unlocking the Power of Platform SSO

● JAMF  
NATION  
LIVE



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# Agenda

## 1 | SSO Extensions and Platform SSO

What do they offer? Which technologies do they leverage?

## 2 | Components required for Platform SSO

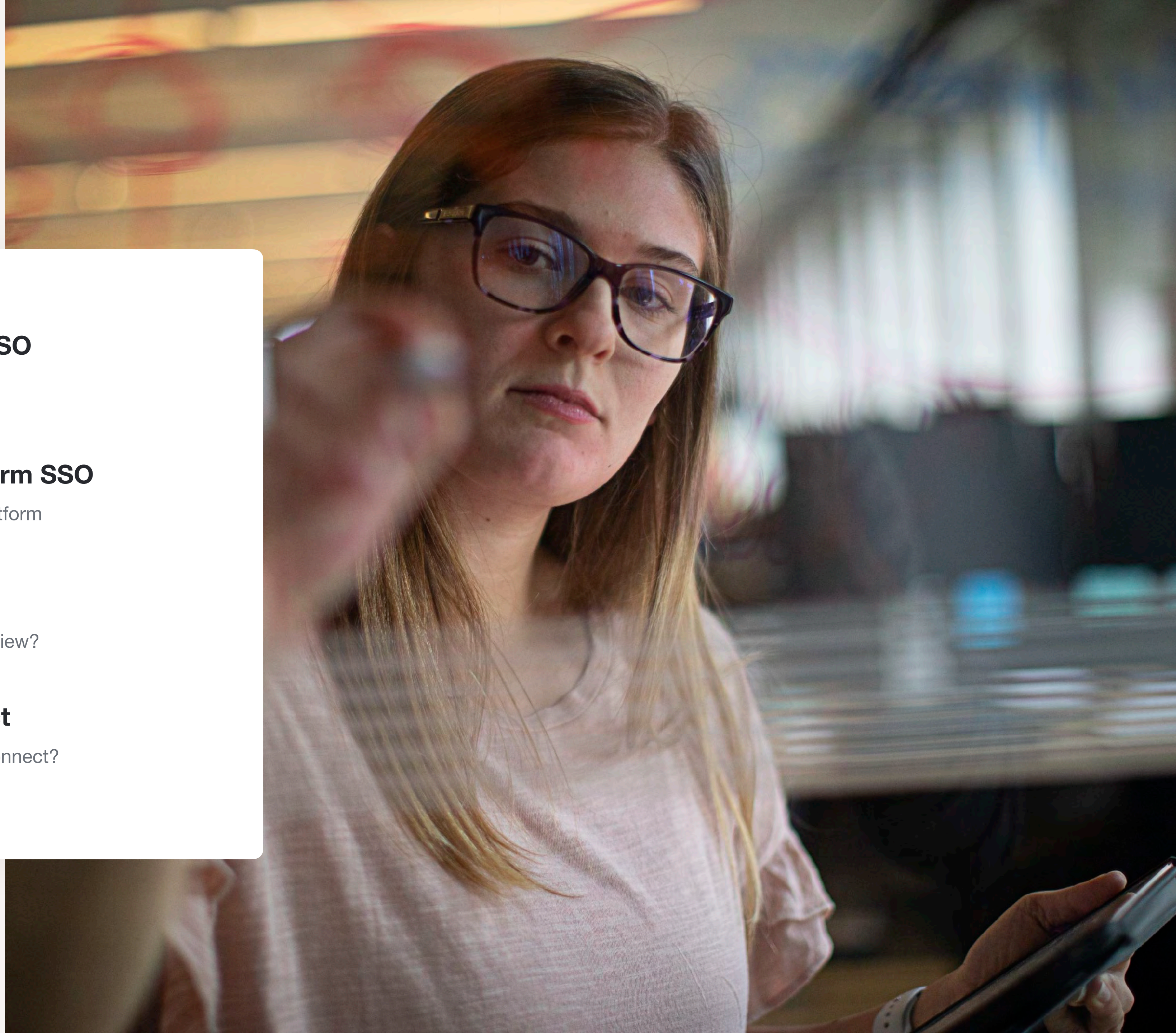
What do you need to successfully deploy Platform SSO in your organization?

## 3 | User Experience and benefits

What does it look like from the user point of view?

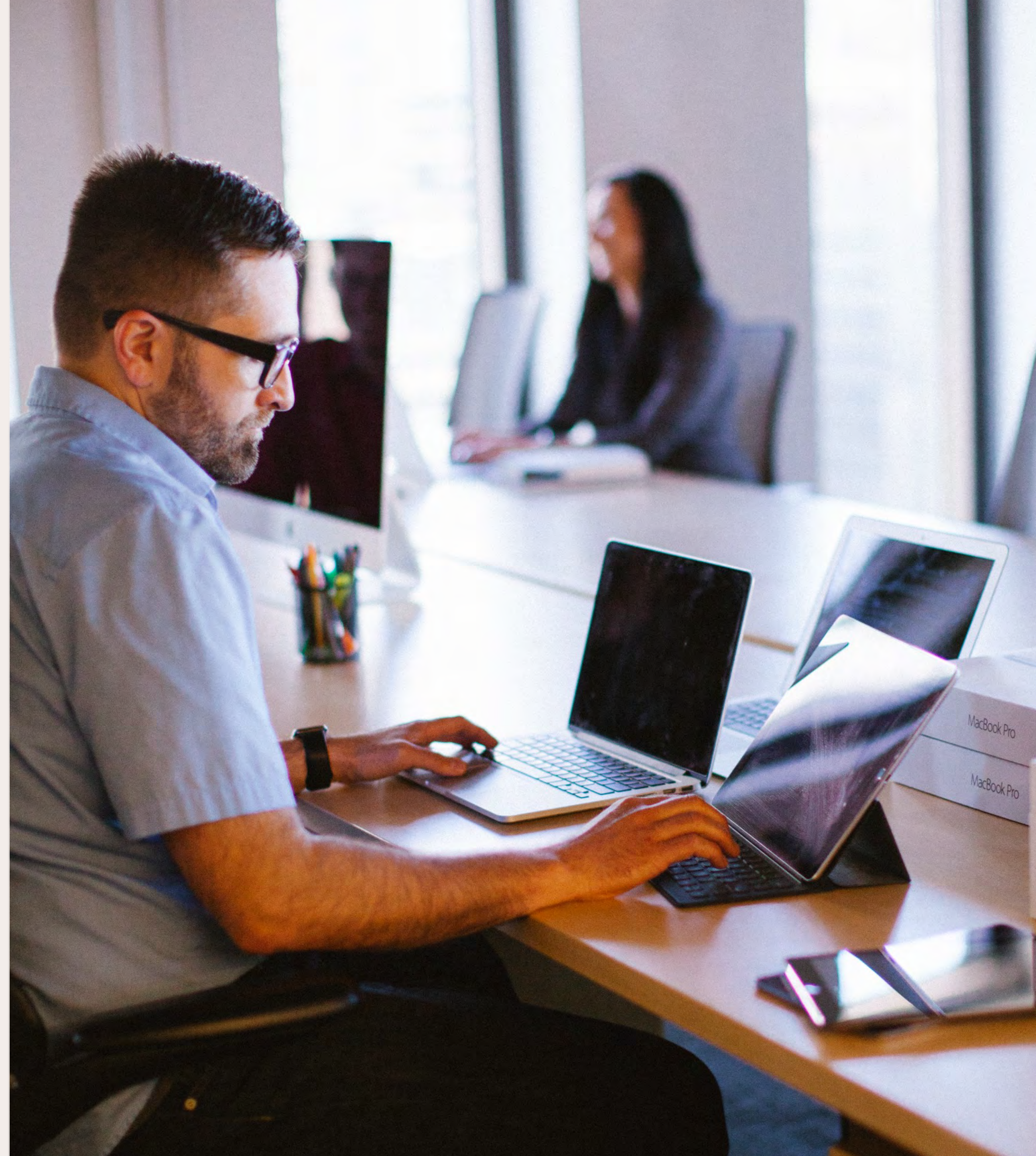
## 4 | Platform SSO and Jamf Connect

How does Platform SSO compare to Jamf Connect?



# Single Sign On (SSO)

“**Authentication** scheme that allows a **user** to **log in** with a **single** set of **credentials** to any of several related, yet independent, **software systems.**”



# Identity Provider (IdP)

“An IdP is a **service** that stores and **manages** digital **identities**, providing a way to manage **users privileges** and allowing them to **connect** with the **resources** they need.”



# Apple is pushing towards Identity integrations

Apple aims to help education and enterprise customers better manage Apple devices by bringing two key identity integrations.

**Managed  
Apple IDs**

**Single Sign On  
Extensions**



# What is a Single Sign On Extension?



# Single Sign On Extensions

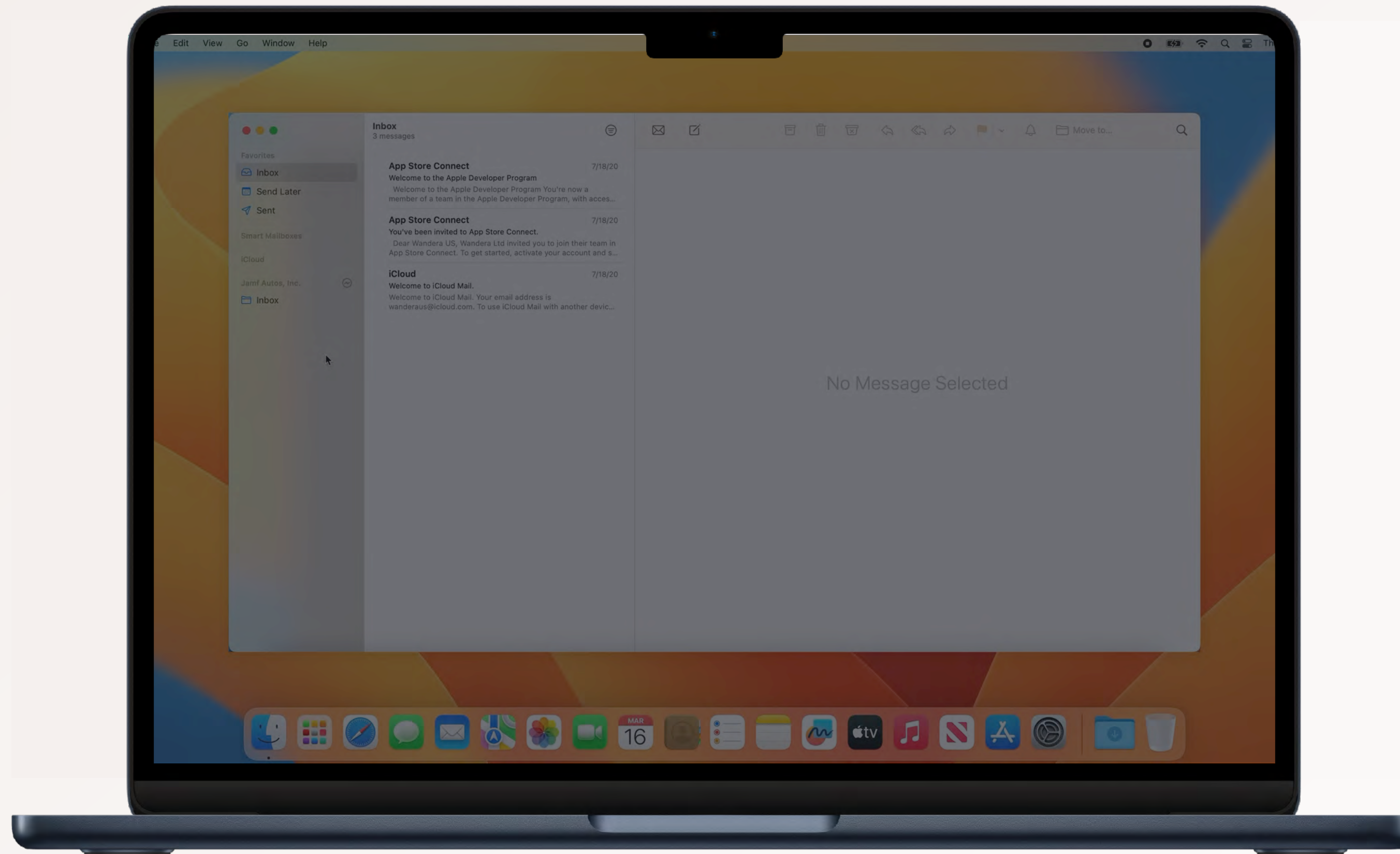
- ▶ System-wide extension to facilitate authentication
- ▶ Supported by iOS, iPadOS and macOS
- ▶ Compatible with Safari and native apps
- ▶ MDM managed
- ▶ Enables Platform SSO on macOS

# SSO Extension concept





# SSO Extension user experience



# What is **Platform SSO**?



# Platform SSO

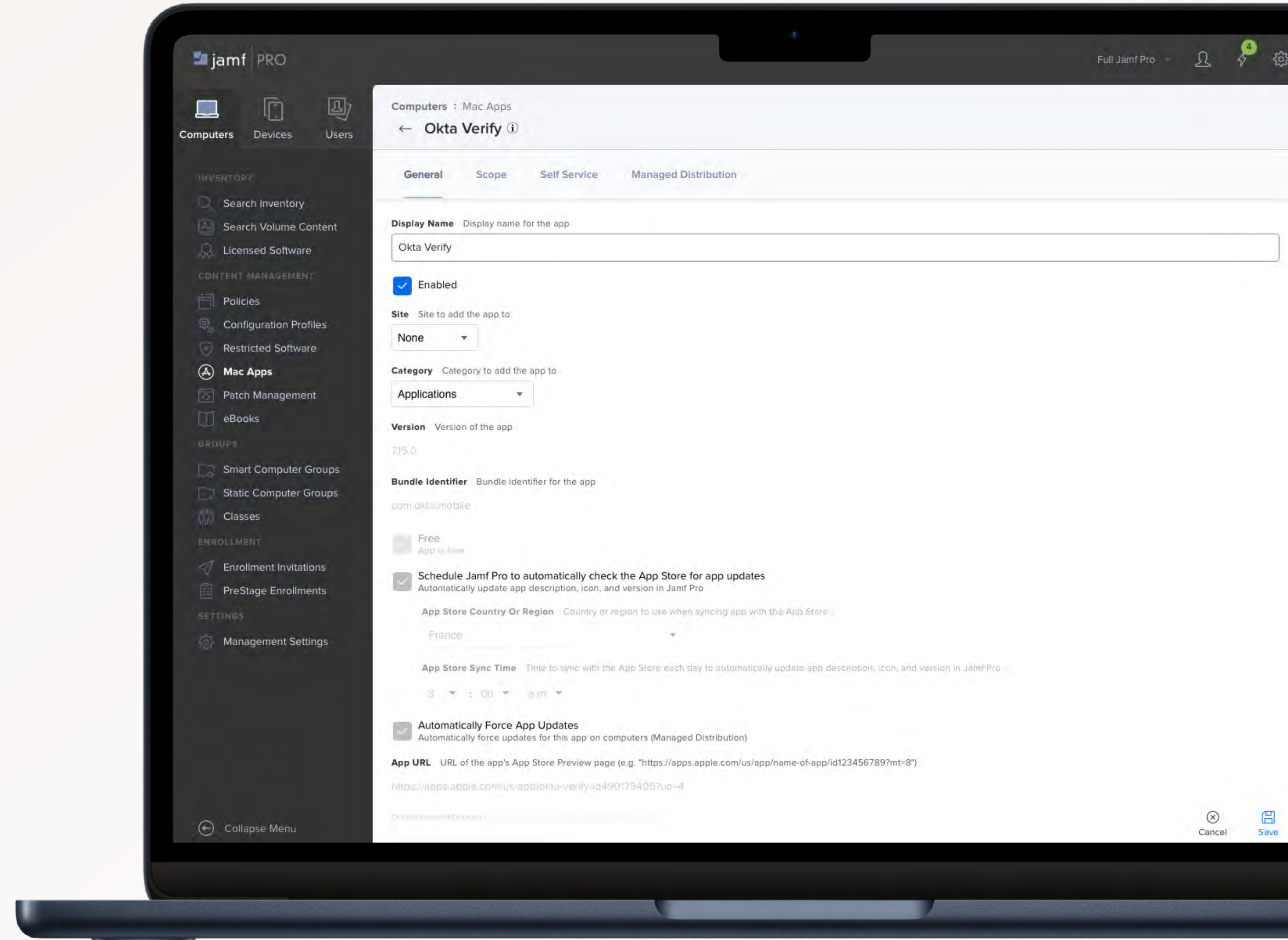
- ▶ One password to rule them all!
- ▶ Released with macOS Ventura
- ▶ Extend the use of the SSOe to the login window
- ▶ Existing users can use an IdP password to unlock their Mac
- ▶ Sign in once at the login window and then automatically sign into apps and websites

# Platform SSO for Mac



# Deploy Platform SSO

- ▶ Platform SSO configuration supported since Jamf Pro 10.41
- ▶ Configured via a Single Sign On Extension payload
- ▶ Automatically deploy required apps with Jamf Pro for a seamless registration process



# Compatible Identity Providers



- ▶ Supports Single Sign On Extensions
- ▶ Leverages the Okta Verify app on macOS & iOS
- ▶ Support for Platform SSO announced for Q3 2023

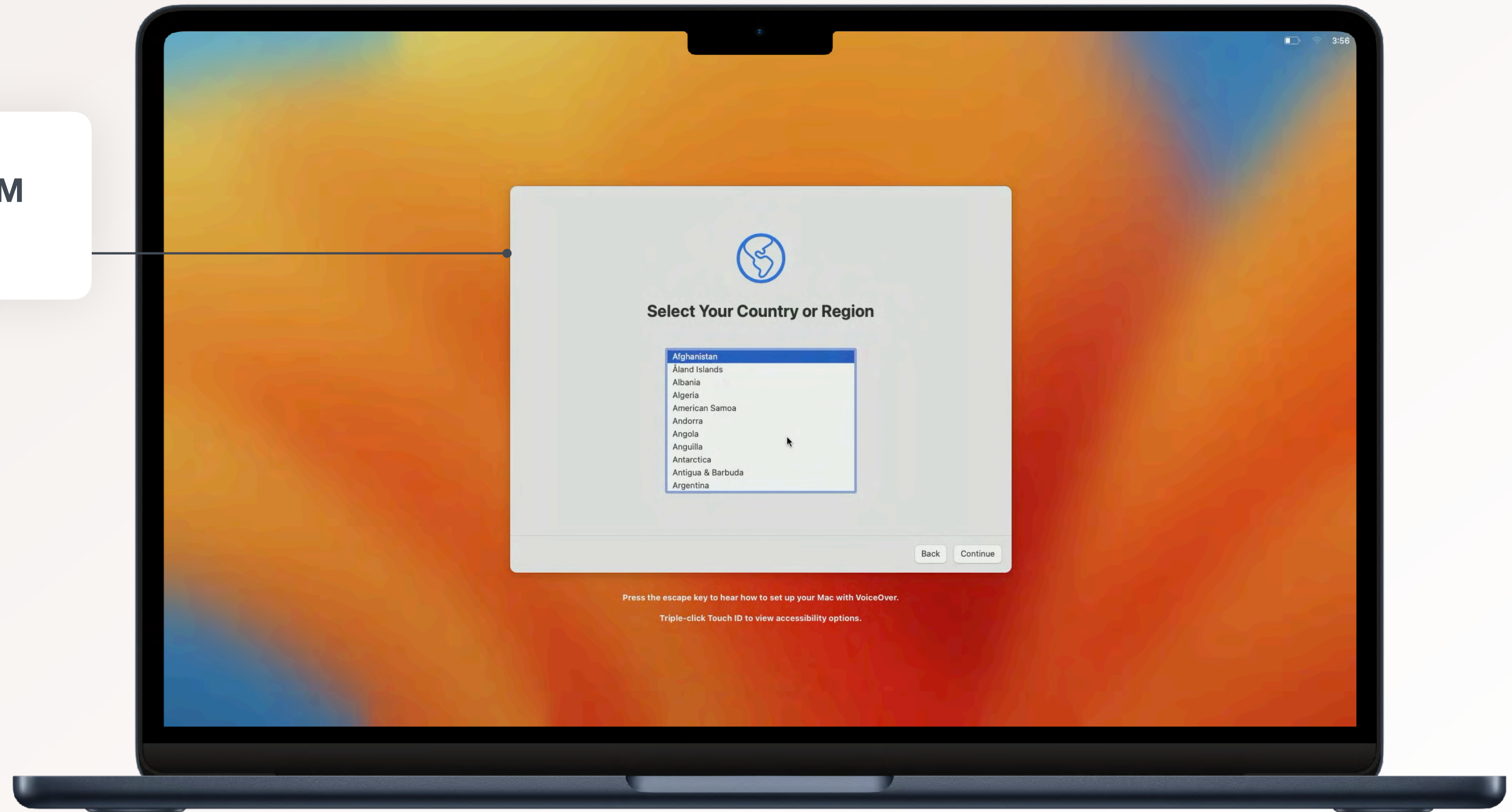


- ▶ Supports Single Sign On Extensions
- ▶ Leverages the Microsoft Intune Company Portal app for macOS and Microsoft Authenticator for iOS
- ▶ Microsoft announced that they'll support Platform SSO in the future, without further information

What does it **look like**?

# User Experience — Account Provisioning

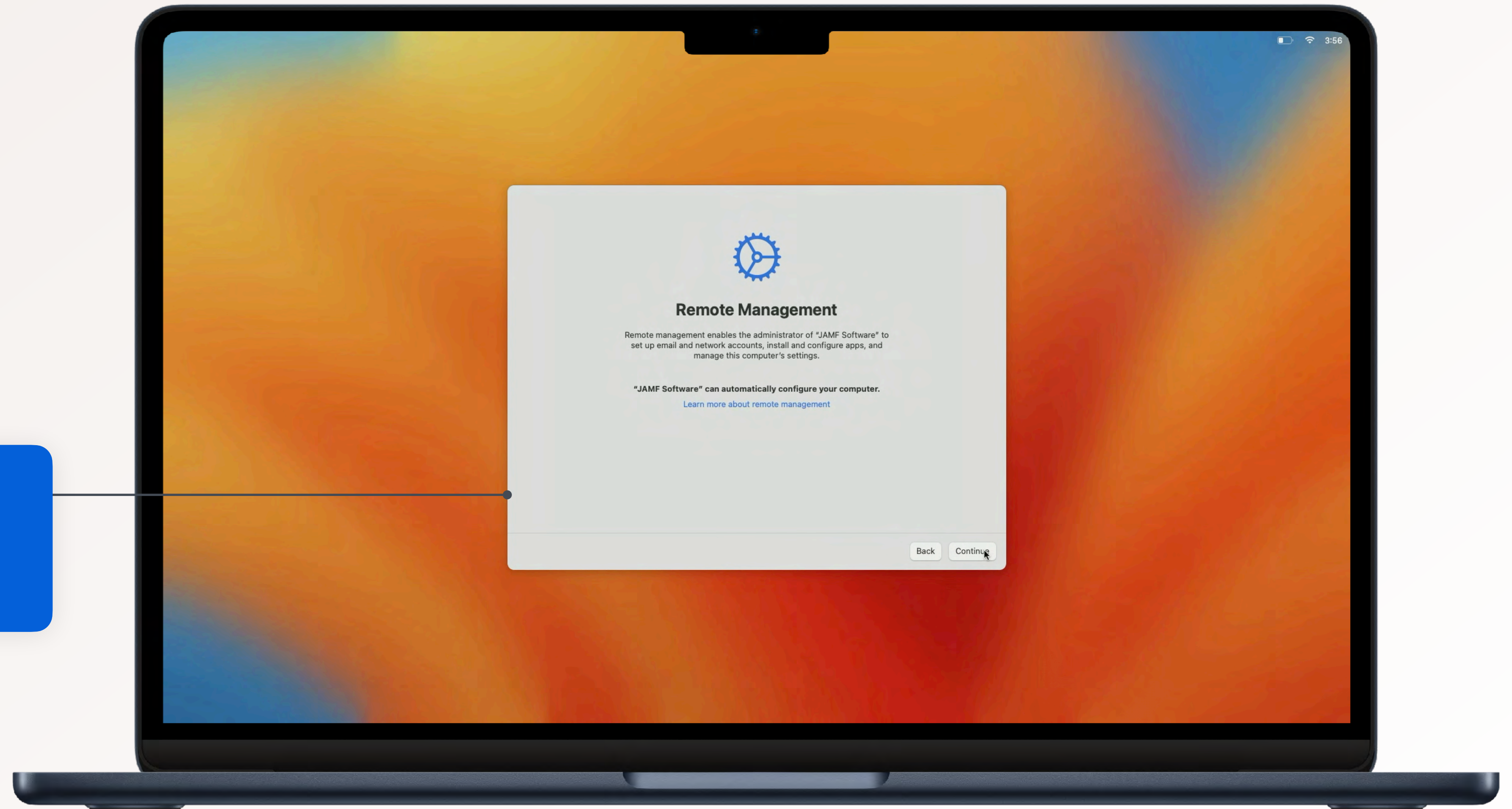
macOS setup and MDM  
registration process





# User Experience — Account Provisioning

Enrollment  
customization and local  
account creation



# User Experience — Account Provisioning

Identity Provider companion  
app deployment



# User Experience — Account Provisioning

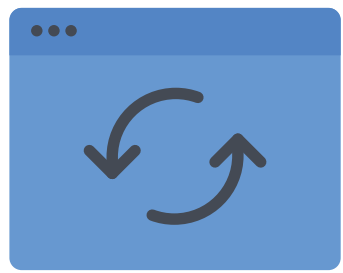


Platform SSO  
registration process

# User Experience — Login



# Benefits of Platform SSO



Local account **password**  
**synchronized with**  
**the IdP**



**Seamless authentication**  
for native apps and  
Safari websites



**Phishing resistant**  
authentication



**It's free!**

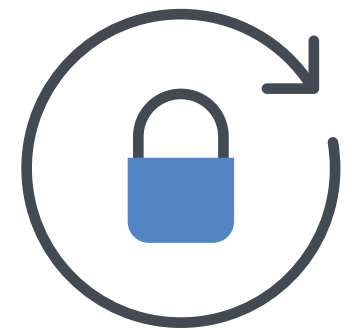
# Limitations of Platform SSO



Requires  
a **third-party IdP**



Mandatory  
**registration process**



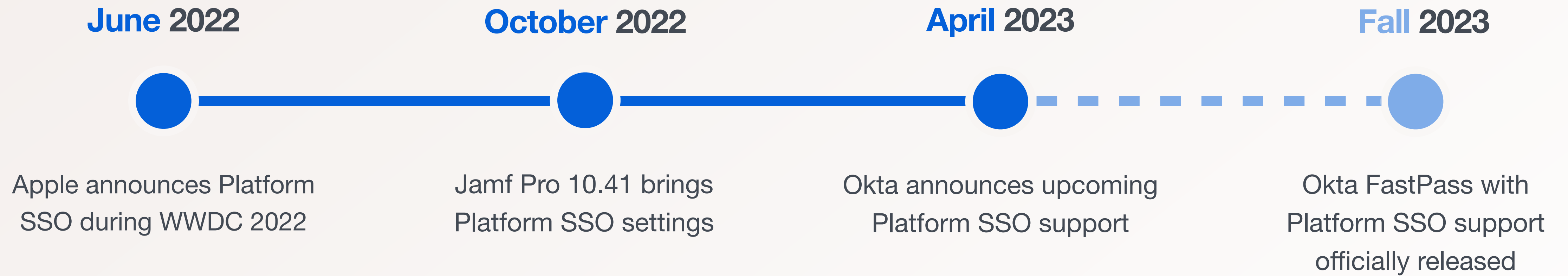
No user **permission  
management**



Requires **macOS Ventura  
or later**

**Can I experiment with  
Platform SSO today?**

# Platform SSO timeline





# Integrating Jamf Connect with Platform SSO

# Jamf Connect and Apple Technologies\*\*

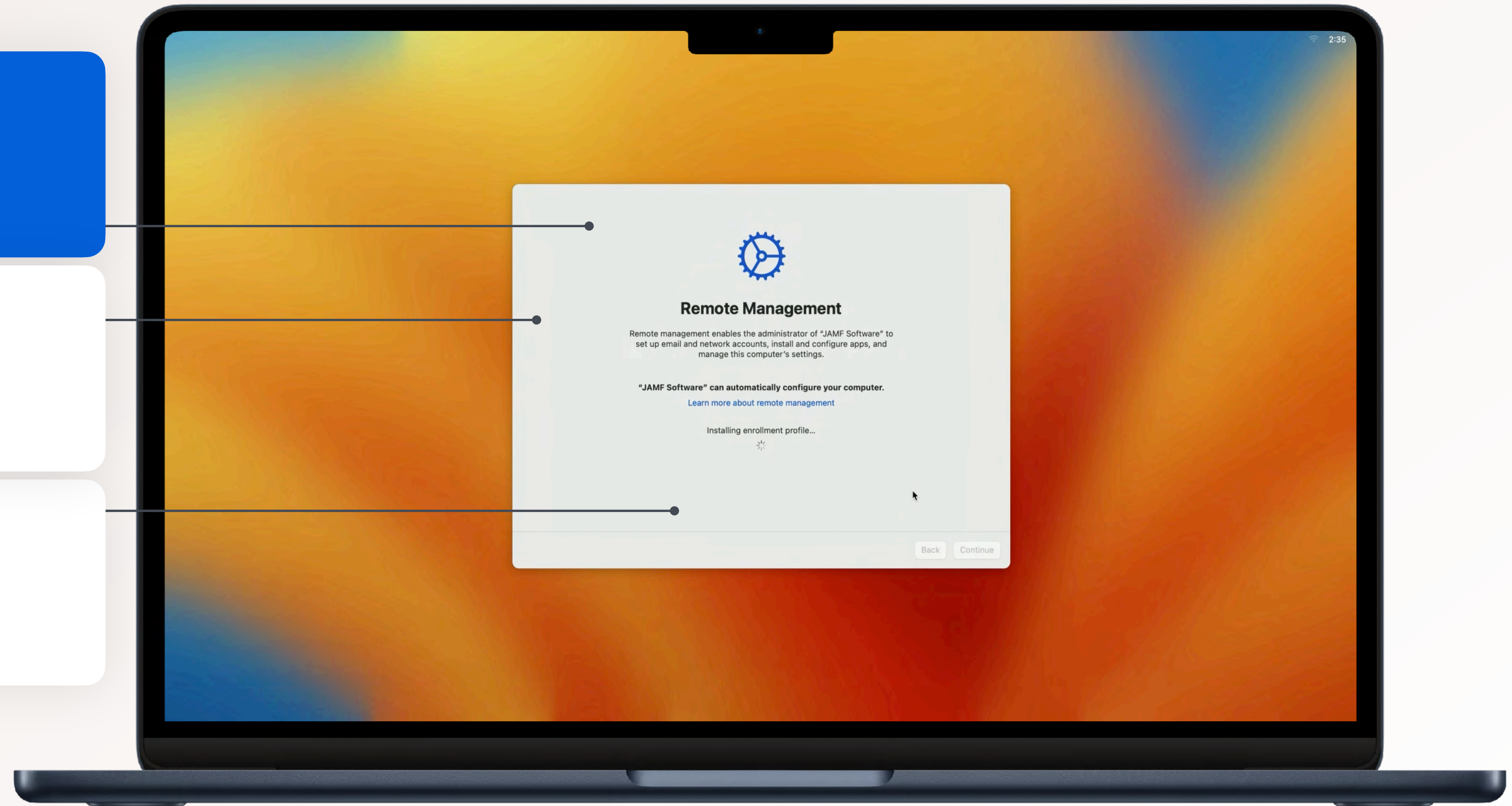
	JAMF CONNECT	PLATFORM SSO	ENROLLMENT CUSTOMIZATION
Create local account based on IdP credentials	✓	✗	✓*
Manage account permissions based on IdP	✓	✗	✗
Branding of the login experience	✓	✗	✗
Password sync between local and IdP	✓	✓	✗
Automatic login to SSO-gated apps	✗	✓	✗
FileVault encryption upon account creation	✓	✗	✗

# Jamf Connect and Apple Technologies

Enhanced onboarding experience

Account permission management based on IdP attributes

Local account based on IdP credentials with MFA support



# Jamf Connect and Apple Technologies

Platform SSO  
registration process



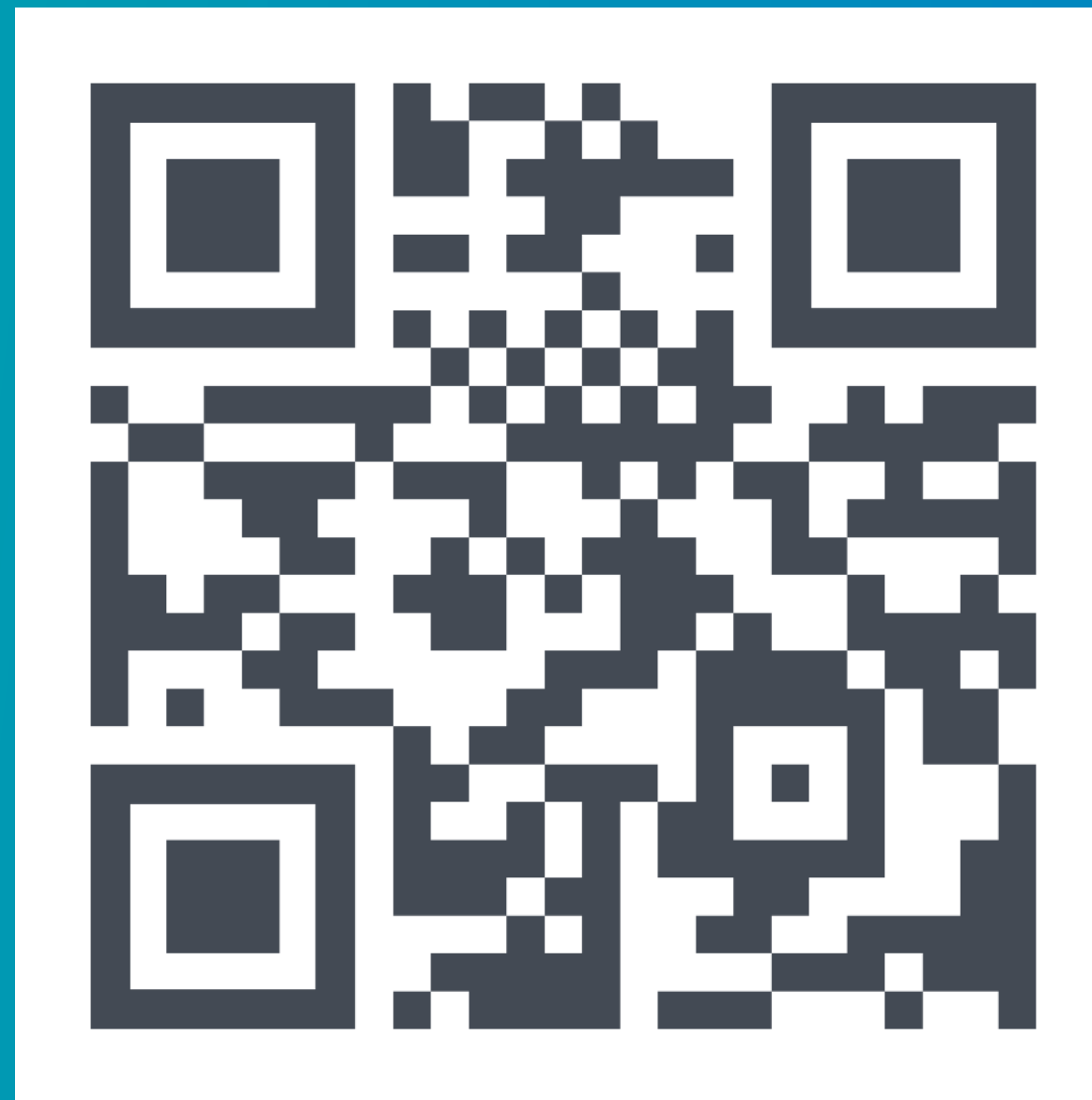
# Unlocking the Power of Platform SSO

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## WRAP UP

- Platform SSO is **part of SSO Extensions**
- **One password** to rule them all
- Only supported by **macOS Ventura and later**
- **An Identity Provider** is required

# Learn more about Platform SSO



[jamf.it/pssso](https://jamf.it/pssso)

**Thank you**