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Apple For Enterprise

2024

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1. Preface

June 10, 2024, marked the beginning of Apple's annual Worldwide Developers Conference (WWDC). Building on the success of its previous virtual events, this year's WWDC kicked off with a two-hour online keynote session, delving into the latest features of iOS, iPadOS, macOS, watchOS, tvOS and visionOS.

The first part of the keynote showcased the long-awaited new features of each of the operating systems mentioned earlier. Most of these features have a clear customer focus, with less added value for business users. However, every consumer feature also has applications in business – who wouldn't want to send a text message with **bold** characters? Certain features like iPhone Mirroring and the Password App, are sure to catch the attention of enterprise security officers.

The second part of the keynote was entirely dedicated to the brand-new Apple Intelligence

Chat GPT will soon be fully integrated, utilising the standard OpenAI platform. To enhance the overall user experience, Apple has decided to create a comprehensive on-device AI platform with guaranteed privacy, extended with private cloud computing when necessary.

This deep integration across the various platforms represents probably the most significant innovation of the last decade. The combination of this AI integration, with new controls available to every app developer gives devices unprecedented capabilities. And as the device becomes more powerful, so does the user!

This document explores the new features introduced at WWDC 2024 that are particularly relevant for business contexts. Our '5-star business appreciation' rating evaluates each feature based on its impact on the organisation, user experience, and potential security improvements or concerns.

Authored by Björn Kemps, Gertjan Timmermans, Ulrik Van Schepdael, Nick Ingels, Jasper Van de Steen, An Bayens, Wouter Troost and Margot Vanlaet, this document covers both minor enhancements and major business features, providing a comprehensive overview to get you up to speed in no time.

A comprehensive technical deep dive whitepaper will be released in the coming days, detailing all the latest management and security innovations relevant to business users.

Happy reading!

2. Before You Start

1. An Important Side Note

Developer beta versions have been released, allowing developers to immediately experiment with and evaluate the latest software innovations. The public beta will be available from July, with the official launch planned for this autumn.

Relying on the latest information from the Apple website, publicly available third-party sources, and our own expertise, this whitepaper delves into the new features that provide genuine enterprise value or enhance data security and privacy.

Please note, this document does not summarise all the new OS features. A complete list can be found at www.apple.com. If you have a developer account, you can access detailed protocol and profile references in the enterprise resources section.

2. A Warning on the Beta Programs

As Apple publicly releases the beta versions of its new operating systems, your employees also have the opportunity to participate.

Exploring these new software innovations poses no security risks since the MDM protocol remains unchanged. However, your management system might not recognise the specific mobile OS version and could take unexpected actions, such as quarantining the device.

Additionally, some apps may not function properly or may fail to work on beta OS versions. Please note that rolling back to a previous OS version is not supported.

3. The Added Value of AppleSeed for IT

Apple has created a programme for enterprise customers to test all pre-release changes to Apple software, pre-installed apps, and deployment-related apps for their organisation. This includes iOS, iPadOS, macOS, tvOS, watchOS, visionOS and pre-installed apps like Mail and Calendar, as well as Profile Manager.

With this programme, IT professionals can evaluate the latest pre-release software versions in their unique work environments and provide feedback directly to Apple's engineering teams.

By giving Apple feedback, you ensure that the new software works seamlessly in your business environment, instilling confidence in your users that the technology will support them upon release.

Customers using Apple Business Manager are eligible to participate in AppleSeed for IT. Each participant must have a managed Apple ID provided by their organisation and an email associated with their managed Apple ID. Managed Apple IDs with the role of staff are not eligible to participate.

3. iOS 18

1. Availability

Annually, Apple reveals a significant update for iOS, the operating system of the iPhone. The forthcoming iOS 18 release marks the most extensive software update in iPhone history. iOS 18 is set to introduce an array of AI features to the operating system, enhancing the intelligence and capabilities of built-in apps such as Messages, Siri, and Photos.

iOS 18 is scheduled for global rollout in autumn 2024, potentially aligning with the release of the iPhone 16. The developer beta is currently available, while the public beta, catering to those without a registered developer account, is slated for release in July.

2. Compatibility

Great news for iPhone users: all models currently supporting iOS 17 will also be compatible with iOS 18. Apple Intelligence, however, won't be available on all iPhone models. Only a select few, specifically the iPhone 15 Pro and iPhone 15 Pro Max, will support Apple's generative AI system.

An overview of the devices that will be compatible with iOS 18:

- iPhone SE (2nd and later)
- iPhone XS, XS Max
- iPhone XR
- iPhone 11, 11 Pro, 11 Pro Max
- iPhone 12 mini, 12, 12 Pro, 12 Pro Max
- iPhone 13 mini, 13, 13 Pro, 13 Pro Max
- iPhone 14, 14 Plus, 14 Pro, 14 Pro Max
- iPhone 15, 15 Plus, 15 Pro, 15 Pro Max

3. Smarter Messaging

Messages in iOS 18 introduce contextual quick reply options. By analysing conversations on the device, AI suggests relevant responses for users to choose from.

In addition to finally supporting RCS, you can also send messages via satellite, using the same technology as the emergency feature Apple announced last year. This includes the SMS protocol, enabling interactions with other platforms.

For improved usability, Apple extends the Tapback options to all emojis and allows users to schedule messages to be sent later.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

4. Streamlining Notifications

At some point, you've probably been bombarded by a barrage of notifications on your iPhone that you haven't had a chance to check. However, iOS 18 might provide significant assistance with smarter summaries.
The AI engine prioritises the notifications that are relevant at a certain point of time. Call it a light version of Focus mode.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

5. Redesigned Control Centre

The updated Control Centre boasts a seamlessly scrollable interface, categorising all controls for easy access. Additionally, there's an expanded array of controls, and the menu now welcomes 3rd party apps.

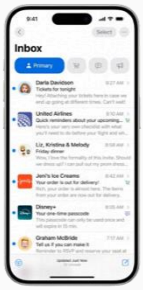
You can customise lock screen controls to your preference and even incorporate controls onto your home screen. Users can still access this redesigned menu by swiping down from the top-right corner.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

6. Enhancements to Native Mail

iOS 18 introduces message categories, grouping messages of the same category into conversations accessible at the top of the app. This feature enables summarisation of longer texts and provides summaries for entire categories, such as newsletters, online purchases, work, and private emails.



Furthermore, Mail benefits from Apple's device-wide AI capabilities. Users can allow the app to rewrite messages in a specific style tailored to the audience.

Interesting for business?

- Operational efficiency: ****
- User Experience: *****
- Security: *****

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7. Extended Customisation

With iOS 18, iPhone users will discover fresh options to personalise their Home Screen, Lock Screen, and Control Centre.

Apple has confirmed that in iOS 18, users will be able to personalise their Home Screen by changing the colour of app icons. This includes options such as making all social icons blue or finance-related ones green. Previously, this level of customisation was only achievable through single-action shortcuts with custom icons, but now it will be built-in.

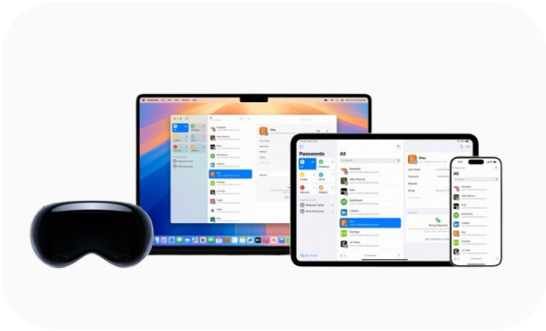
Additionally, iOS 18 will offer users the flexibility to place apps anywhere on the Home Screen's grid, similar to the current placement of widgets.

The Control Centre has been enhanced to provide quick access to new groups of a user's most-utilised controls. Users can easily swipe between each group and add supported third-party apps into the Control Centre.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

8. Standalone Password App



Apple is introducing a dedicated password management solution, including support for the Vision Pro and Windows devices with the iCloud for Windows app. This app will encompass all existing features from the Passwords section in Settings, such as storing logins, generating passwords, and supporting one-time login codes. It will also facilitate auto-filling login details for websites and apps using Face ID or Touch ID.

Backed by secure end-to-end encryption and seamless syncing, the Passwords App securely stores all your credentials. It allows you to filter and sort accounts by recently created, credential type, or whether an account is in a shared group, making it easy to find the accounts you need quickly.

1Password, LastPass, and the Apple Password App all operate within the same realm, providing enhanced security through generated passwords without requiring users to remember them. While the app could benefit from deeper integration with Face ID and Touch ID, its support on Windows, where such features are typically absent from the Apple ecosystem, adds value.

The Password app offers significant benefits for business users and enhances security, although it's not entirely unique, and its enterprise management capabilities remain to be seen, particularly in terms of potential Active Directory integration.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

9. New Privacy Features

You can now lock apps like Mail, Messages, Notes, Phone, Photos, Safari, Settings, and more, adding an extra layer of privacy and security. Unlocking an app would require Face ID authentication, with the possibility of extending the feature to also work with Touch ID or an iPhone's passcode. Locked apps or their content will no longer appear in search results.

Apple already allows certain content to be locked behind Face ID, Touch ID, or a passcode, such as notes in the Notes app and photos in the "Recently Deleted" and "Hidden" albums. This new iOS 18 feature will enhance privacy by allowing entire apps to be locked, even when the iPhone itself is unlocked.

In addition, you can hide an app entirely from the Home Screen or App Gallery, making it accessible only in a hidden folder accessed by biometrics or a passcode.

For Bluetooth pairing, Apple provides developers with a new method to display connected accessories on the screen, while safeguarding information about nearby Bluetooth devices.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

10. New Accessibility Features

Before the WWDC 2024 keynote unveiled iOS 18, Apple had already announced several upcoming accessibility features for the iPhone later in the year.

At the top of the list is Eye Tracking, a groundbreaking feature powered by Artificial Intelligence. This innovation allows users to navigate their iPad and iPhone solely with their eyes, offering a built-in option for those with physical disabilities. Setting up Eye Tracking is straightforward, as it utilises the front-facing camera for quick calibration. Moreover, all data used to set up and control this feature remains securely stored on the device, thanks to on-device machine learning.

Additionally, Apple is rolling out a variety of speech features. Vocal Shortcuts enable iPhone and iPad users to assign custom utterances that Siri can comprehend, facilitating the launch of shortcuts and the completion of complex tasks. Another notable addition is Atypical Speech, which enhances speech recognition for a broader range of speech patterns.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

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4. iPadOS 18

1. Availability

During last autumn, iPadOS 17 was launched on the latest iPad models, bringing features like a redesigned customisable lock screen, communication upgrades, and more. However, despite these advancements, the operating system still lacked certain features essential for business users, particularly considering Apple's promotion of the device as a laptop replacement.

This changes with the debut of iPadOS 18. With the addition of the Calculator App to iPad, along with Math Notes and Smart Script, iPadOS 18 introduces a variety of new features tailored to cater to professional workflows.

The first beta is anticipated to be available in July, with a stable release scheduled for later this autumn.

2. Compatibility

Apple consistently ensures that older iPads remain up to date with the latest software versions. When iPadOS 17 was released, only a few older iPads running iPadOS 16 were unable to make the transition. The same holds true for iPadOS 18. Apart from the sixth-generation iPad from 2018, the new updates will run on the same hardware that supported iPadOS 17.

An overview of the devices on which iPadOS 18 can be installed:

- iPad Air (2019 and later)
- iPad (2019 and later)
- iPad Mini (2019 and later)
- iPad Pro (2018 and later)

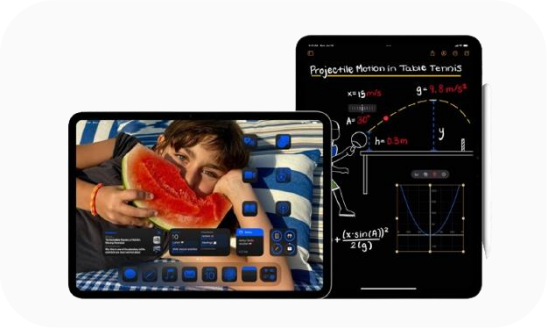
It's worth noting that while the mentioned iPads will be compatible with iPadOS 18, older devices may not fully support all the latest AI features and capabilities introduced with Apple Intelligence.

3. Features Coming to iPadOS from iOS and macOS

Apple's new tablet software update is set to gain many of the same features included in iOS 18 and macOS Sequoia. An overview:

- New ways to customise the Home Screen and app icons.
- Redesigned Control Centre for easy access to daily tasks.
- Updated Photo apps to relive special moments.
- Enhanced messaging features for better connectivity.
- Greater control over app visibility, contact sharing, and accessory connections.
- Introduction of locked and hidden apps.
- Improved text rewriting, proofreading, and summarising across various platforms.
- New photo experiences including Image Playground, Memories, Clean Up, and more.
- Revamped Siri for better user interaction.
- New accessibility features.

4. Calculator on iPad



iPhone users have had access to the Calculator App since the phone's launch in 2007, while the iPad has been lacking a native calculator app since its debut in 2010. With iPadOS 18, Apple's Calculator App has made its way to the iPad, bringing a familiar design with enhanced features.

The new Calculator App for iPad offers significant added value for businesses by streamlining mathematical and financial tasks. With its dynamic resizing capabilities, it enhances multitasking efficiency, allowing professionals to work seamlessly across multiple apps.

The Math Notes feature, which supports Apple Pencil, allows for natural writing and performing calculations with Apple Pencil support, ideal for financial analysts, engineers, and project managers who need to perform and document complex calculations swiftly.

The integration into both the Calculator and Notes apps ensures that organisations can maintain accuracy and productivity.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

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5. Smart Script

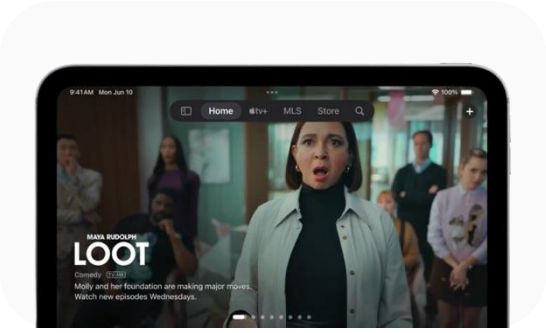
Apple's new Smart Script feature in the Notes app enhances the handwriting experience. By utilising on-device machine learning, Smart Script smoothens and straightens your handwriting and corrects mistakes in real-time, making notes more legible and professional.

Additionally, text pasted in notes can appear in your handwriting, and Apple Pencil users can easily create space or erase content by tapping or scribbling. For businesses, Smart Script means clearer, more efficient notetaking, reducing errors and improving overall productivity.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: ***

6. Redesigned Tab Bar



Apple's redesigned tab bar for iPadOS 18 enhances user focus and efficiency by floating above app content and seamlessly integrating with the sidebar. This new design allows users to keep their favourite tabs accessible while easily exploring an app's full functionality. For businesses, the ability to reorder and add tabs from the sidebar provides a customisable, in-app experience, streamlining workflows and improving productivity.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: **

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7. Other notable features

Additional iPadOS 18 includes:

- Passwords App: Securely stores credentials, passwords, verification codes and security alerts in one place, built on Keychain foundation.
- Enhanced SharePlay: Improved screen sharing with the ability to tap, draw, and point on the screen, plus remote-control requests for direct assistance.
- Freeform: Simplified idea creation by organising board sections by topic and allowing quick content presentation.
- Calendar Integration: Combines events and tasks from reminders, allowing creation, editing, and completion of reminders directly within Calendar.
- New Reminder Tools: Direct Calendar integration, recently deleted list access, and quick reference subtasks in Smart Lists.

5. macOS Sequoia

1. Availability

Building on the advancements seen in iOS 18, macOS 15 introduces a range of AI-driven and UX-oriented features aimed at enhancing productivity, fortifying security, and optimising system continuity.

Following Apple's tradition, the initial developer beta for each major macOS update is typically announced alongside the software's unveiling at WWDC, enabling developers to get straight to work.

Notably, macOS Sonoma made its debut in September last year, aligning with the October releases of its two immediate predecessors. The timeline for macOS Sequoia mirrors this pattern with the developer beta being released immediately after the event, and the public release expected this autumn.

2. Compatibility

When new versions of macOS are rolled out, some older Macs can often fall short in terms of compatibility. This remains true for macOS 15 as well, but only to a certain extent.

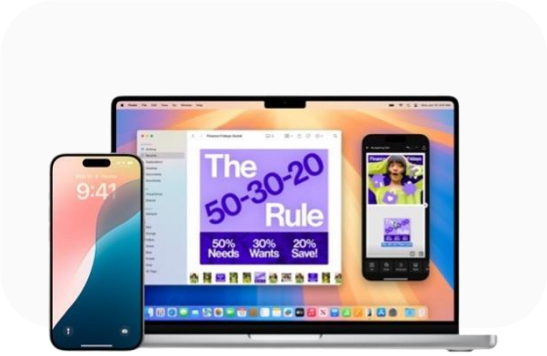
While many of the sophisticated AI features demand powerful hardware, like the Apple M4 chip, the general features that are released with macOS 15 don’t necessarily require one of these powerful chips.

Consequently, we're seeing that there are still some Intel-based Mac devices that will receive the update. It is only for the more demanding Apple Intelligence features that we see Intel-powered Macs getting excluded from the list.

A small breakdown of the Macs running on macOS Sequoia:

- MacBook Pro (2018 and later)
- MacBook Air (2020 and later)
- Mac Mini (2018 and later)
- iMac (2019 and later)
- iMac Pro (2017 and later)
- Mac Studio (2022 and later)
- Mac Pro (2019 and later)

3. Continuity for iPhone



Apple enhances existing continuity features such as Universal Clipboard and Universal Control by introducing Continuity for iPhone. Now, you can wirelessly access your iPhone from your Mac using the iPhone Mirroring app. With this Mac app, you have full control over your iPhone's features while keeping the iPhone locked, ensuring privacy.

The aim of Continuity for iPhone is to seamlessly bring the complete iPhone experience to your Mac, facilitating a smooth transition between the devices. To further this goal, you can also receive iPhone notifications on your Mac, and opening them will directly take you to the relevant app within the Continuity view.

As the cherry on top, coming later this year, is the seamless drag-and-drop functionality for files between iPhone and Mac. Simply drag a file over to the Continuity view to transfer it to your phone.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

4. Presenter View and Background Replacements

There's good news for video calls too. With Presenter View, you can preview what you're about to present beforehand. Users can now also use a beautiful background replacement to blur out unwanted backgrounds or to express themselves further.

In addition to the existing FaceTime features like Portrait, Desk View, and Reactions, video calling with macOS has become a great experience for both casual calls and business purposes.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

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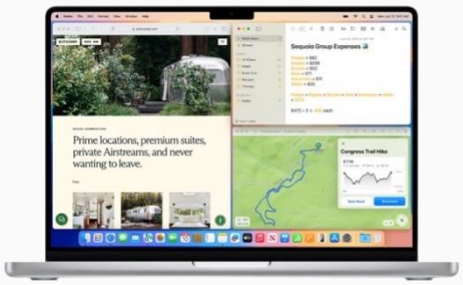
5. Easy Window Tiling



To enhance the core functionality of Mac, automated window tiling is introduced, making multitasking easier than ever. By dragging a window to the edge or corner of the screen, it automatically resizes to fit that position. These resizing actions can also be executed using keyboard shortcuts for even greater ease of use.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

6. Safari Improvements

Safari enhances browsing with Highlights, making it easier and more automated to pick up useful information while browsing the web. As you navigate, Safari automatically detects relevant information on a page and highlights it. These Highlights display helpful details such as directions and quick links to learn more about people, music, movies, and TV shows.

In addition to Highlights, Safari's Reader feature provides a similar experience for articles. It presents users with a table of contents and a quick summary before they even begin reading the article.

Combining these two features with the improved Video Viewer creates the ultimate productivity setup. When Safari detects a video on a page, Video Viewer ensures it takes centre stage while still providing full access to system playback controls. These features work together to deliver a fast and informative browsing experience.

Interesting for business?

- Operational efficiency: ****
- User Experience: *****
- Security: *****

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6. watchOS 11

1. Availability

Over the past decade, top-tier Apple Watches have undergone significant evolution. Initially perceived as stylish tech accessories, they have transformed into highly regarded companions, offering features tailored to modern enterprise.

With each major OS update, Cupertino enriches its foundation with new features and enhancements. As watchOS 11 gears up to launch on the Apple Watch Series 10, there's ample reason to anticipate its arrival. Packed with new connectivity features, Apple's latest smartwatch software update is poised to revolutionise the workplace.

While the initial features are unveiled at WWDC 2024's keynote session, the official release is expected this autumn. Developers can begin experimenting with the beta version from June 10. Public testers can join in during the summer.

2. Compatibility

After enjoying five years of software updates, the Apple Watch Series 3 bid farewell to support with the arrival of watchOS 9 in 2022. While watchOS 10 maintained compatibility with all the same Apple Watch models as its predecessor, watchOS 11 discontinues support for the Apple Watch Series 4, Apple Watch Series 5, and first-generation Apple Watch SE.

An overview of the devices supported by watchOS 11:

- Apple Watch 6 Series
- Apple Watch 7 Series
- Apple Watch 8 Series
- Apple Watch 9 Series
- Apple Watch SE Series (2nd generation)
- Apple Watch Ultra (1st and 2nd generation)

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3. Improved User Interface

One of the standout features of watchOS 11 is its revamped user interface. Apple has further refined the interface to enhance its intuitiveness and ease of use. The new watch faces offer increased customisation options, allowing users to personalise their Apple Watch even further. Additionally, new widgets including Photos, Distance, and more are now available.

Furthermore, Smart Stack can suggest widgets based on various factors such as time, date, location, daily routines, and more, making it simpler for users to access features on their Apple Watch when needed. For instance, the new severe weather alerts widget can appear before a thunderstorm.

Moreover, new interactive widgets enable users to interact with an app directly from the Smart Stack, and Live Activities are now also accessible on Apple Watch within the Smart Stack.

In watchOS 11, the Photos watch face assists users in selecting their best photo options by quickly analysing thousands of photos using machine learning and providing recommendations based on aesthetics, composition, and even facial expressions.

Additionally, a custom algorithm determines the best composition by optimising for the subject's position within the frame and creating a sense of depth. Users can further personalise the watch face with options such as time sizes, layouts, font choices, and more. Furthermore, the Photos face now offers Dynamic mode, allowing users to be pleasantly surprised by a new image every time they raise their wrist.

Interesting for business?

- Operational efficiency: *****
- User Experience: ***
- Security: *****

4. Staying Connected

To further enhance users' sense of connection and safety, Check In is now available on Apple Watch, even during workouts. Whether users are embarking on an early morning run or heading to a late-night gym session, they can access Check In directly within the Workout App. This enables a friend or family member to keep an eye out for the end of their workout. Users can also initiate a Check In from Messages, similar to how it's done on iPhone.

Moreover, the Translate App has made its way to Apple Watch, allowing users to access translations for one of the 20 supported languages directly on their wrist. With the enhanced intelligence of the Smart Stack, Apple Watch can automatically suggest the Translate App widget when users are travelling to a location with a different language than their Apple Watch. Additionally, Translate now offers romanisation, providing pronunciation for languages using the Latin alphabet.

Furthermore, the double-tap gesture can now be utilised to scroll through any app, such as Messages, Calendar, or Weather, making it even simpler to interact with Apple Watch single-handedly.

5. Training Load

With Training Load, Apple introduces a new metric to measure intensity, enabling users to push their limits during workouts. A sophisticated algorithm leverages heart rate, altitude, age, and weight to estimate your effort rating. This effort rating, combined with workout duration, determines your training load.

Additionally, activity ring goals can now be adjusted based on the day of the week or paused for the remainder of the day. This ensures that users won't break their ring streak if they decide to skip a workout on a particular day.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

6. The Vitals App

Apple Watch enables users to monitor vital health metrics during sleep, including heart rate, respiratory rate, wrist temperature, sleep duration, and blood oxygen levels.

With watchOS 11, the new Vitals App provides users with a convenient way to quickly access these key health metrics, offering valuable insights into their overall health. Apple Watch analyses these metrics, allowing users to effortlessly check their daily health status and identify any noteworthy changes at a glance. Notifications are triggered when two or more metrics deviate from their usual range, accompanied by messages detailing potential factors such as changes in elevation, alcohol intake, or signs of illness.

Moreover, watchOS 11, iOS 18, and iPadOS 18 introduce enhanced support for pregnant users, acknowledging the unique changes in their physical and mental health during this significant period. By logging a pregnancy in the Health App on iPhone or iPad, users can track their gestational age and record symptoms commonly associated with pregnancy using the Cycle Tracking app on Apple Watch. Additionally, they receive prompts to review factors such as elevated heart rate.

Interesting for business?

- Operational efficiency: *****
- User Experience: ***
- Security: *****

7. Other Notable Features

Introducing watchOS 11, the latest update to Apple's wearable platform, packed with exciting new features designed to enhance the user experience and provide even greater functionality, let's dive into some of the notable additions coming your way:

- Expanded Workout Types: The Workout app now offers a wider range of workout types capable of tracking distance using enhanced GPS positioning. This includes activities such as Soccer, American Football, Australian Football, Outdoor Hockey, Lacrosse, Downhill Skiing, Cross Country Skiing, Snowboarding, Golf, Outdoor Rowing, and more. Users can also view their route maps for various workout types.
- Custom Pool Swims: Custom Workouts have been expanded to include Pool Swims, enabling users to tailor interval-based workouts with support for sets of work and recovery. Haptic feedback signals when it's time to transition to the next interval. Additionally, across any Custom Workout, a new Up Next workout view displays remaining intervals and provides a preview of upcoming ones.
- Hiking Routes in Apple Maps: Apple Maps now offers hiking routes for all U.S. national parks, which can be saved to Apple Watch and accessed offline with turn-by-turn guidance, even without an iPhone nearby. Users can also create custom walking routes within the Maps app on iPhone and save them for navigation solely with their Apple Watch later on.
- Summarised Notifications: Summarised notifications, powered by Apple Intelligence, are now forwarded from iPhone 15 Pro and iPhone 15 Pro Max to Apple Watch.
- Enhanced Ticketing: Enhanced ticketing improves the information provided to users on tickets stored in Apple Wallet, including details on venue opening times and show start times. A Live Activity will commence at the event, allowing users to view their seats and other pertinent information at the top of the Smart Stack.
- Tap to Cash: With Tap to Cash, users can send and receive Apple Cash by simply holding their Apple Watch near another Apple Watch or iPhone.

7. visionOS 2

1. Availability

Although the Vision Pro debuted at WWDC last year, visionOS was released in February alongside the mixed-reality headset. With the recent announcement of visionOS 2, the next big update is already on the horizon.

With support for an increasing number of native apps, and a range of new features, the new visionOS update is set to revolutionise the workplace.

Initial features were unveiled at the WWDC 2024 keynote, with the official release scheduled for this autumn. Developers can begin testing the beta on June 10, with public testers joining in the summer.

2. Compatibility

As visionOS is exclusively designed for the Vision Pro headset, it is only compatible with that hardware. Currently, there is only one version of the Vision Pro, but an entry-level option, also utilising visionOS 2, may be released next year.

3. Spatial Photos

Starting with photos, which remain the most important way to relive your favourite moments, visionOS 2 introduces spatial photos. This new feature adds depth to your images, allowing you to experience your most precious memories in a more immersive and vivid manner, almost as if you are stepping back into those moments.

4. Enhanced User Experience

The user interface now offers a more natural and intuitive navigation experience with the introduction of new hand gestures. For example, you can now access the home screen by simply raising the palm of your hand, enhancing the fluidity and responsiveness of interacting with your device.

5. Boosted Productivity

In terms of productivity, visionOS 2 brings notable enhancements. You now have the flexibility to utilise significantly wider virtual monitors on Vision Pro, alongside support for higher resolutions. This advancement enables you to manage your work more effectively, with increased screen space and clarity, facilitating multitasking and simplifying the management of complex tasks.

Moreover, there is now support for Bluetooth mice if you prefer this input method over hand gestures when using Vision Pro. Additionally, your keyboard remains visible while using an immersive environment.

6. Unrestricted Mobility

One notable improvement is that Vision Pro can now be utilised inside a moving train. Previously, the device's usage was restricted to airplanes when in motion. This expansion of use cases enhances the flexibility and utility of Vision Pro, enabling users to enjoy its capabilities in a broader range of environments.

7. Immersive Video

Apple Immersive Video introduces a groundbreaking way to experience content. This feature offers an immersive 180-degree, 8K view, delivering a fully engaging experience that transports you right into the scene. This level of immersion is unparalleled and is set to revolutionise how we engage with visual media.

8. Guest User

When passing your Vision Pro to someone to try it out, you wouldn't want all your sensitive information to be visible to them. That's why a guest user feature has been introduced. With this option, you can lend Vision Pro to a friend, allowing them to try it out without accessing any private information.

9. Customisation

You can now customise the app layout on your Vision Pro to suit your preferences. This customisation enables a more personalised and efficient interaction with your device, ensuring that the most frequently used apps and features are easily accessible.

nomasis
secures your mobility

10. New APIs

visionOS 2 opens up fresh opportunities for developers with the introduction of new APIs aimed at simplifying the creation of immersive content. For instance, TableTopKit assists developers in crafting games and experiences that leverage flat surfaces as interactive platforms. Furthermore, enterprise APIs have been introduced for specialised applications like surgical training and healthcare, paving the way for new professional applications.

8. Audio & Home

1. Availability

The WWDC 2024 keynote was packed with major announcements, especially regarding Apple Intelligence. But Audio and Home also got a brief mention with exciting new features lurking around the corner.

Initial features were unveiled at the WWDC 2024 keynote, with the official release scheduled as a free upgrade this fall.

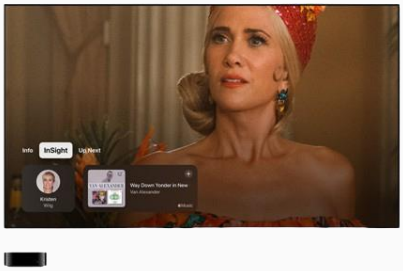
2. Compatibility

tvOS 18 remains compatible with all Apple TV HD and Apple TV 4K models, ensuring continuity from tvOS 17.

A small breakdown of the Apple TV models and HomePods compatible with tvOS 18:

- Apple TV HD (2015)
- Apple TV 4K (2017)
- Apple TV 4K (2nd generation – 2021)
- Apple TV 4K (3rd generation – 2022)
- All HomePods, including the original 2018 model

3. New tvOS Features



The Apple TV app introduces InSight, a feature that displays information about actors or music from Apple TV+ movies on screen or on your iPhone when using it as an Apple TV remote. Music can be immediately added to an Apple Music Playlist.

With Enhanced Dialogue, powered by machine learning, improved vocal clarity over music, action, and background noise is brought to Apple TV 4K over built-in TV or HDMI-connected speakers, AirPods, and other Bluetooth-connected devices.

tvOS 18 also brings new 21:9 support for playing movies and shows on projectors and adds new screen savers like Portraits, TV, and Movies.

4. New AirPod Features

These latest software updates will revolutionise your interactions with Siri. With a new hands-free experience, you can now privately respond to Siri using simple head gestures, nodding for yes or shaking for no, whether you're in a crowded or quiet environment.

Voice Isolation, arriving on AirPods Pro, guarantees clearer call quality even in noisy or windy settings, such as warehouses or outdoor areas.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: *****

9. Apple Intelligence

1. Availability

Apple is thrilled to unveil Apple Intelligence, a groundbreaking personal intelligence system aimed at revolutionising your interactions with your iPhone, iPad, and Mac.

Apple Intelligence harnesses the capabilities of state-of-the-art generative AI models to comprehend your unique needs and preferences, foreseeing your demands and offering intelligent suggestions and automations that simplify your everyday tasks.

Apple Intelligence is provided to users free of charge and will be accessible in beta as part of iOS 18, iPadOS 18, and macOS Sequoia this autumn in U.S. English.

Additional features, software platforms, and languages will be introduced over the next year.

2. Compatibility

Apple Intelligence will be available on iPhone 15 Pro, iPhone 15 Pro Max, and iPad and Mac with M1 and later, with Siri and device language set to U.S. English.

3. Deep Integration across Apple Devices

Apple Intelligence seamlessly integrates into the core of iOS 18, iPadOS 18, and macOS Sequoia, delivering a unified intelligent experience across all your Apple devices. Whether you're replying to emails on your iPhone, editing photos on your iPad, or creating a presentation on your Mac, Apple Intelligence is always on hand to assist you.

4. Unparalleled Privacy with Private Cloud Compute

Apple maintains a steadfast commitment to user privacy. In addition to the on-device processing capabilities, Apple Intelligence utilises Private Cloud Compute to handle information. This innovative method retains your data on Apple's secure servers, guaranteeing the highest standards of privacy are upheld at all times.

Private Cloud Compute also enables Apple Intelligence to intelligently access the power of both on-device processing and larger, server-based models, achieving the ideal balance between responsiveness and advanced capabilities.

5. A New Era of Intelligence

Apple Intelligence marks a substantial advancement in human-computer interaction. By leveraging AI capabilities and prioritising user privacy, Apple Intelligence is positioned to revolutionise how we work and live.

Prepare to immerse yourself in a future where intelligence pre-empts your requirements, enhances your creativity, and streamlines your daily activities.

5.1 New capabilities for Understanding and Creating Language

Apple Intelligence revolutionises communication with the latest Writing Tools in iOS 18, iPadOS 18, and macOS Sequoia. Enhance your writing across Mail, Notes, Pages, and third-party apps.

- Rewriting: Select from various versions of your text to suit any audience and occasion, ideal for emails, blog posts, cover letters, and more.
- Proofreading: Receive grammar, word choice, and sentence structure suggestions with explanations, enabling you to write with confidence.
- Summarising: Convert your text into a digestible paragraph, bulleted key points, a table, or a list.

Other notable features:

- Email Management with Priority Messages: Keep abreast of urgent emails such as dinner invitations or boarding passes, view summaries without opening messages, and receive quick response suggestions with Smart Reply.
- Advanced Notifications: Priority Notifications highlight what's important, while summaries provide key details at a glance on the Lock Screen. The Reduce Interruptions feature ensures you receive only crucial notifications.
- Enhanced Phone Apps: Record calls, transcribe conversations, and create summaries automatically, with participant notifications and post-call summaries.
- Image Playground: Image Playground provides Animation, Illustration, or Sketch styles integrated into Messages and other apps. Create custom images using descriptions, personal photos, and style preferences.
- Quick Image Creation: Create entertaining images for friends with suggested concepts based on your conversations.
- Enhanced Notes: Utilise the Image Wand in the Apple Pencil tool palette to craft engaging images from sketches or surrounding context.
- Genmoji: Craft distinctive Genmoji by typing descriptions or utilising photos of friends and family. Incorporate Genmoji directly into messages or share them as stickers or reactions.
- New Features in Photos:
  - *Natural Language Search:* Effortlessly locate specific photos and video moments.
  - *Clean Up Tool:* Automatically eliminate distracting background objects from photos.
  - *Memories:* Compose personalised stories by typing descriptions, with Apple Intelligence crafting narrative arcs and suggesting matching songs from Apple Music.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: ***** (when used properly)

5.2 Siri: A New Era of Intelligent Assistance

Leveraging Apple Intelligence, Apple introduces a more conversational and versatile version of Siri. Here's an overview of the new features coming to Siri:

- Deeper Integration: Siri now provides a more natural and contextually relevant experience, featuring a redesigned interface and the option to seamlessly switch between text and voice inputs.
- Device Support Everywhere: Siri offers extensive support across all Apple devices, assisting users with tasks such as scheduling emails and toggling between different modes.
- Onscreen Awareness: Siri comprehends and acts on content within apps, like adding a new address from Messages to a contact card.
- Tailored Actions: Siri now executes numerous new tasks within both Apple and third-party applications, spanning from fetching articles to transmitting images. Moreover, Siri offers tailored insights derived from on-device data, such as suggesting podcasts or verifying flight statuses.

6. ChatGPT Gets Integrated Across Apple Platforms

Apple has announced the integration of ChatGPT into its iOS 18, iPadOS 18, and macOS Sequoia platforms. This integration enables users to seamlessly access ChatGPT's expertise in understanding images and documents within their Apple ecosystem.

Siri now leverages ChatGPT's knowledge to deliver more precise and useful responses to users. Before any queries, documents, or images are forwarded to ChatGPT, users will be asked for their consent. Siri will then present the response directly to the user.

Additionally, ChatGPT will feature prominently within Apple's systemwide Writing Tools, assisting users in generating content for their writing. Through the Compose feature,
users can utilise ChatGPT's image tools to create images in various styles to complement their writing.

Privacy remains a paramount concern, with measures in place to safeguard users' data. IP addresses are anonymised, and OpenAI does not retain requests. Users who opt to link their accounts will be subject to ChatGPT's data usage policies.

ChatGPT will roll out on iOS 18, iPadOS 18, and macOS Sequoia later this year, powered by GPT-4o. Users can access it free of charge without creating an account, while ChatGPT subscribers can link their accounts to access premium features directly from their Apple devices.

Interesting for business?

- Operational efficiency: *****
- User Experience: *****
- Security: ***** (when used properly)

10. Contact Nomasis

Do you want to find out more about how Nomasis can help you take the next step in your Apple workplace journey? Don't delay, get in touch today.

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