Software Updates & New Features

Josh.ai systems regularly receive over-the-air updates, seamlessly adding new features and improving your experience. Software updates are pushed on a bi-weekly basis, however this document is updated on a quarterly basis. You can contact sales@josh.ai if you have any questions.

2022: Q2

New Setting for Enabling Voice Control for Doors, Locks, and Garage Doors

- Josh now gives you the ability to configure a Micro/Nano to accept or reject voice commands for property access. To configure in Josh Portal, click on manage users and then "Edit Device Access"
  - Option 1: **Allow property access via voice**- Users can open gates by speaking to this device. This is a potential security concern and is not recommended.
  - Option 2: **Allow building access via voice**- Users can open door locks and garage doors by speaking to this device. This is a potential security concern and is not recommended.

New Autonomic Streamer and Amp Support

- **Josh** and Autonomic are excited to announce support for Autonomic Amplifiers and Streamers within the Josh ecosystem. Home technology professionals now have a complete voice-controlled audio solution in their arsenal thanks to Josh's integration with Autonomic amplifiers and streamers.

Improved Video Routing for Sources in Use

- When you have a client home with distributed video, there is a possibility that two TVs may want to access the same video source at the same time. An easy way to prevent

this issue is to add more sources (ie. Rokus), but in some cases it is expensive to add more sources (ie. Kaleidescape). But when you can not add more sources, Josh will behave ini the following way:

- Setup:
    - 1 Roku distributed to 2 TVs
    - Bedroom TV watching Netflix
    - Living Room TV turned off
- Josh Behavior:
    - Client Says: "watch breaking bad in the living room"
    - Living Room TV turns on and uses the Roku to go to "Breaking Bad"
    - Bedroom TV stays on and is now watching "Breaking Bad"

New Music & Video Service Priority Settings

- Josh now provides users the ability to customize which music and video services they want to take precedence over others, and even disable services that they would prefer to never use! This means you can now tailor your system to choose Netflix over Amazon Prime, or Spotify over Apple Music, or whatever other configuration your heart desires!

Expanded Control4/Pandora Support

- Josh now provides users the ability to add support for the pandora-premium.c4z C4 driver

New Kaleidescape Video Deeplinking

- Josh is excited to support your love for cinema through its partnership and integration with Kaleidescape, the ultimate player for premium home entertainment (and your favorite movie library).
- What's supported?
    - Kaleidescape video player/device discovery
    - Kaleidescape video player/device control with voice commands, iOS remote, Portal

- ○ Deep-linking for local content (purchased and downloaded only). Example voice commands: "Watch Ferris Bueller's Day Off" or "Show Me The Breakfast Club"

New Josh Voice Commands

- Rule Improvements
  - ○ Removed "drop" as a solo command for volume (Video and Music)
  - ○ Added "I don't like this song" (next song)
  - ○ Added "Turn up/down your volume" for Micro volume control
  - ○ Added patches for "press okay", "shades", "lights off"
  - ○ Added Fluid Ounces as a unit of weight to Josh's repertoire
  - ○ Added support for "Landscape Lights" which allows a user to name lights "Landscape 1" etc.
  - ○ Adjusted commands such as "Listen to music similar to…" and "Listen to music like…" to utilize the Radio portion of the music service priority list

Improved Room Name Discovery During Setup

- When Josh authenticates with devices and control systems on your network, Josh also learns from those systems what room names are in the client's home.
- In some cases a device may be named differently in one control system vs. another system. For example, a room may be called "Living" and in another system "Living Room". Josh will notice the similarities and create one room.
- In some cases we don't want to combine rooms, for example if we see rooms named Elizabeth and Beth, we would treat them as unique rooms.

2022: Q1

New Physical Platform Access Cards

- Every Josh system requires Platform Access to enable Josh Portal and all of the Josh Software features. We now offer every dealer the ability to request their Platform Access cards to physically arrive or to be sent instantly via digital delivery through the josh store. To access the Josh Store, please visit www.josh.ai/dealers

New Micro Networking Enhancements

- You now have more flexibility when installing Josh Micros in client projects. We have added support for migrating Micros from WiFi to POE connectivity without needing to setup the device through the Josh App.

New Music Discovery Enhancements with Spotify

- Deeper integration with Spotify "Radio" features, enables your clients to quickly build music queues around their music tastes. This has been available on Pandora, and has been expanded to include Spotify with the following commands: *"Listen to music like (artist)" "Listen to (artist) radio" "Listen to (song) by (artist) radio" "Listen to music like (song) by (artist)"*

Expanded Support for Onkyo & Integra AVRs

- Josh has had a long relationship with Onkyo and Integra, and we are excited to announce full support for AVRs with a 0-200 volume range. This extends Josh's support to include the Onkyo and Integra DRX-4.3 line of AVRs.

New Canadian System Enhancements

- New Canadian video search capabilities: Improved show and movie title match for HBOmax, Disney+, Netflix, Amazon Prime, Hulu, and YouTube
- New Canadian music search capabilities: Improved song, album, artist match for Tidal, Spotify, Pandora, and TuneIn
- Added Canadian postal codes validation within Josh Portal building settings

Expanded User Permissions to Include Scenes

- The user permissions inside of Josh enable you to configure who can give commands to rooms and devices inside of Josh. Now you can also manage who can give commands for specific scenes.

New Support for Lutron RadioRa3

- The Josh team worked closely with the Lutron team on the release of their new processor. For all Lutron dealers, the new RadioRa3 processor will now populate in Josh Portal's authorization page.

New Josh Core 1.1 Hardware Release

- Improvements to POE power connectivity to support broader range of network switches
- New larger diameter of audio ports on back Core, to accommodate more audio cable vendors.
- Internal assembly improvements

New Wake Word: Nikola

- We are excited to launch our new wake phrase, "Nikola." This new wake phrase will give our dealers more choice and flexibility when deploying projects. Our "OK/Hey Josh" wake word will still be our default, and Nikola will be optional.
- Nikola is derived from the Greek name, Nikolaos, it is understood to mean 'victory of the people' as a compound of Nike (victory) and laos (people). As a gender neutral name that fulfills the wake-phrase requirements of being three syllables while including hard consonant sounds, "Nikola" will empower every Josh client going forward.

New Josh Voice Commands

We have been expanding Josh's knowledge to help answer questions your clients may have about Josh and the devices in their home. Josh can now answer questions like…

- "Have I left (device) on?"
- "Are there dimmable lights?"
- "Will you get smarter?"
- "How do I remove devices?"
- "Is my data secure?"
- "How do I disable the touch feature on a Micro?"
- "Which devices are connected?"
- "What kind of accent is that?"

New and improved Natural Language commands, with more ways to…

- Lite/extinguish a fireplace
- Ask "What's the headline news?"
- Tell Josh you are "done listening/watching"
- Provide feedback: "This music is bad."
- Control music: Skip/go back up to 5 songs

More detailed responses to "What is the temperature?"

- Responds with set temp and actual temp
- Defaults to indoor temp unless location is given

New and Improved Assistant Features

- When an alarm is set, the response will include the alarm time
- Expanded alarm status "How long is left on my alarm?"
- "When is (holiday)?"
- New support for ocean tide levels
- "Let it snow" has a wintery response

Added Support for New Crestron Home Integration Protocol

- The Josh engineering team has been working closely with the Crestron to add support for their next generation programming interface. This new interface expands Josh's ability to reliably control Crestron Home deployments.

New Support for VoiceLink with Control4

- This is huge! All Control4 systems can now leverage the power of Josh Core's VoiceLink feature. This allows clients to hear Josh's response through any area of the home's distributed audio system. VoiceLink enables Josh's voice to be routed through physical audio connections. With this new enhancement you can now connect the Josh Core audio outputs to the Control4 distributed AV setup.

New Support for Disney+

- We are excited to announce support for yet another streaming service, Disney+. With this new Josh integration, all of our Control4, Crestron SIMPL, Crestron Home, and

Josh standalone systems, now have access to content across all of Disney's brands, including: Marvel, Pixar, Star Wars, National Geographic and more.

2021: Q4

New Platform Access Cards - Digital Delivery

- Platform Access is key part of every Josh deployment, and historically Josh dealers had to request a building license to be custom built by our sales team. Now with Digital Delivery, you can purchase Platform Access directly from the store (Josh.ai/dealers) and select "Digital Delivery" to have your building ready to deploy within minutes.

New Lutron RadioRa3 Support

- In preparation for Lutron's upcoming release, the Josh team has worked closely with Lutron to support this integration at launch.

New Control4 Announcement Support

- Control4 Announcements - Dealers can now pull predefined announcements from Control4 into Josh. These Announcements are pulled in as Control4 keypads and may be configured to run with any Josh scene.

New Control4 Event Support

- Control4 Events - These are the legacy event numbers that Josh has always made available with our Control4 integration. These Event IDs can be associated with the Josh Driver for custom programming. These Events are pulled in as Control4 keypads and may be configured to run with any Josh scene.

New Control4 Advanced Lighting Scene Support

- Control4 Advanced Lighting Scenes - Dealers can now pull predefined advanced lighting scenes from Control4 into Josh. These advanced lighting scenes are pulled in as Control4 keypads and may be configured to run with any Josh scene.

New Control4 Macros Support

Last updated 7/29/2022 | sales@josh.ai

- Control4 Macros - Ever since Control4 started recommending that dealers use Macros for custom programming, we have been keen to add support for Control4 Macros. These macros are pulled in as Control4 keypads and may be configured to run with any Josh scene.

New Crestron SIMPL Module 2.2.2

- Josh now supports Crestron module queue timers, this enables dealers to finely tune Josh VoiceLink responses.

New Control4 Garage Door Driver Supported

- Added support for Control4's generic garage door driver.

New Control4 Single Set Point Thermostats Supported

- Added support for Control4's single set point thermostats.

New Josh iOS App Updates

- Added *Sprinker* and *Gate* devices to the "Other Devices" category
- Added the ability to display more channels for more video remote control types
- When only one device is active on AI dashboard, tapping it will take the user directly to that device
- Showing VoiceCast/VoiceLink options for all relevant Josh Devices (Nano, Micro)
- Now displaying all vendor scenes when adding vendor scenes (Hue, Savant, etc) to a Josh scene
- We added a step in the Nano/Micro setup to confirm the building you are adding the Josh hardware device to.
- After changing an Audio devices groups, the controller will immediately display the volume controls for all grouped devices when volume is changed

New Josh Voice Commands

- "Shut that" now uses anaphora to follow state,
- "Have I left (device) on?" (for TV, music player)
- Ability to schedule shades opening
- "What (devices) are in (room)?"

- Added ability to cancel custom commands in long running scenes
- Added ability to say "Pause/Stop" as a single-word command in reference to music (previously only worked for AV)
- "Which (devices) are online?"
- "How do I schedule commands?"
- "How do I reset a Micro?"
- "Happy (dayofweek)!"
- "How many floors are in this building?"
- Added to "Art Mode" rule (for Samsung Frame TVs)
- Added support for attics (the same as basements)
- Set|Change the Nano's volume to (percent)
- How much longer is left on my alarm?
- Are you updated/up to date?
- Tell me when (time amount) has passed.
- "What room is this?" yields the name of the room, rather than "in (room))"
- "What time is my alarm?" responds with alarm time, rather than alarm name (so it will say 8:00 instead of "morning")
- Expanded key phrases to change nano's volume percentage

New Device Permissions for Josh Nano

- Device permissions are important for client installs that require limited device control from some areas in the home. For example, maybe a client does not want their daughter's room Nano to be able to control the lights in the maser bedroom. Or maybe the guest room should not have control over the family room TV. All of these permissions can be set for Josh Micro and Nano.

New Support for Multiple VLANs

- A new feature that we are very excited to provide here at Josh is VLAN access. VLAN, or a Virtual LAN, is a network that has been partitioned at the data layer. A VLAN allows a network manager to divide out a single network, usually to allow for better network traffic management.

New Support for Announcements to Audio Zones without Josh Hardware

- Announce Feature Enhancements - Added support for the Announce feature to target any audio zones, no longer limited to zones that contain a micro or Nano with VoiceCast or VoiceLink.

Nano and Core are Shipping

- Nanos and Cores were flying out the door at the end of Q3 and the beginning of Q4 to support dealer showrooms, client projects, and demo systems.

2021: Q3

New Control4 Music Services Support: Tidal & SiriusXM

- Josh has increased native music integration with Control4 controllers. In addition to its existing Pandora support, Josh will now deep-link to content on Tidal and SiriusXM. Control4 clients will enjoy the freedom of making as specific or as generic of a request as they would like with the confidence that Josh has access to the services to find as accurate of a match as possible.

New Integration with Kaleidescape

- Kaleidescape's remote control navigation is now supported through Josh's voice and app remote interfaces. Accessing the Kaleidescape remote through Josh will provide access to the trackpad for directional navigation, home and menu buttons, play and pause for content playback, and Strato users will be able to use the keyboard to type in search criteria.
- Included in Josh's remote control support will be the ability to script commands using the Natural Language Scene Editor.

New Support for Peacock

Last updated 7/29/2022 | sales@josh.ai

- Josh adds support for NBC's streaming service: Peacock. This new integration enables clients to jump directly into content with simple commands like: "OK Josh, watch The Office in the kitchen and living room."

New Support for HBOMax

- At CEDIA the Josh team announced support for HBOMax providing clients access to all of the shows and movies available on HBO. Starting at CEDIA, clients can give commands like: "Hey Josh, watch Game of Thrones" and Josh will queue up the content in the location the client is giving the command.

New Nano and Micro Pre-Install Kits

- Josh has partnered with Xspot to offer a simple solution for pre-wiring Josh projects.

New WiFi Strength Monitoring

- In Q2 we released a new feature to Josh Portal that informed dealers about Josh Micros with poor WiFi strength. We have recently added this feature to the iOS app to help clients and dealers identify issues sooner. When a micro has poor WiFi, the micro tile in the app will have a read indicator drawing attention to the micro.

New Streaming Video Enhancements

- With more and more video streaming services gaining popularity, video content is being made available on multiple streaming platforms. With our latest release, you can specify a preferred streaming service in your voice command or let Josh choose for you. Give it a try with the examples below:
  - "Hey Josh, watch friends"
  - "Hey Josh, watch friends on Netflix"

New Crestron Home AV Integration Released

- Thanks to a close engineering relationship between the companies, Josh was given exclusive development access to expand its audio and video distribution capabilities to Crestron Home systems. Crestron Home clients are now able to enjoy intuitive control of their AV content using natural voice commands.

2021: Q2

New Wake Phrase: "Okay/Hey Josh"

- We have expanded the Josh wake phrase so you can now wake the system by saying "Okay Josh" or "Hey Josh." For some people saying "Hey" is more natural, so we spent the last several months tuning up this brand new wake phrase for you and your clients. Give it a try with a "Hey Josh, what's the weather?"

New Wake Phrase Sensitivity Tuning

- Is your Josh system difficult for a client to wake up or is it waking up too frequently? We released a new setting in Josh Portal to configure the sensitivity of the wake phrase. Give this new feature a test drive by navigating to josh.ai/portal and then clicking on the gear icon on your micro tile and then selecting the desired sensitivity.

New Josh iOS Remote

- The latest Josh iOS release in the App Store has a brand new remote that dynamically changes based on the video source you select: Comcast, Dish, Roku, C4, and Crestron are all supported. To see the new remote in action check out the video demo: https://youtu.be/CHQBZZ_X3Lg

New Cable/Satellite Channel Import and Export

- Customizing channel listings for each of your clients can be time-consuming, so we built a channel import and export tool to make it easy. To try out the feature, just go to josh.ai/portal, then click "AV Setup" and then click the satellite dish image in the upper right-hand corner.

New Whisper Mode Settings

- Have you ever wanted Josh to speak quieter in the evenings and mornings? Our all-new whisper mode feature allows you to select the time of day you want Josh to whisper. Just navigate to josh.ai/portal and click on devices and then open the micro tile settings and enable "Whisper Mode."

2021: Q1

Pandora Music Streaming Performance Enhancements

- When Josh receives a request to play music on a Pandora station that a client has not yet created/listened to, Josh will auto-generate a Pandora station that matches the clients command. Over time the list of Josh created Pandora stations can get large, so going forward Josh will groom/delete Pandora stations as the are less frequently used. This enhancement will decrease the time it takes for Josh to queue up the client's favorite/most frequently listened to music.

Expanded Fan Speed Control

- Josh added more granular control for fans, users can now give voice commands for 4 speed settings: low, medium, medium-high and high

Dish Network Satellite TV Auto-Channel Discovery and Channel Customization

- When Josh discovers your Dish system on the network, Josh will automatically start building a list of the channels available based on the clients subscription with Dish Network. Once Josh has built the list of available channels, you can now further customize the channel names to your client's preferences. For example, maybe the client prefers to call the "Food Network," the "Cooking Channel."

Samsung Art Mode

- Josh and Samsung have had a strong development partnership for years, and Josh has supported the Frame TV since the beginning of our partnership. To further Josh's integration wish Samsung, Josh now has natural language support for turning on art more. Just simply tell your Frame TV: "OK Josh, turn on art mode" and the TV will transition to art.

Delete and Restore Devices

- Josh now supports Deleting and Restoring Devices. You may delete a device by logging into josh.ai/portal and then clicking on *Diagnostics*. On the diagnostics page you will see a list of all the devices Josh has discovered and you have the ability to individually delete each device.

- If at any point you would like to restore a deleted device, you can click on settings from Josh Portal and then select the menu option *Deleted Devices*, from there you will be see a list of devices available to restore.

Josh License Details Added to Portal

- Have you ever wondered when a building licenses was activated, how much longer a license will be active for, or if you have exceed the number of rooms on a license? To help with these licensing questions we have updated the Building Settings on Josh Portal to expose: License type, creation date, expiration date and room any room violations.

iOS Screen Saver

- A new feature that's recently arrived in the Josh iOS app comes in the form of a sleek and simple screensaver. This feature was created with those with wall-mounted iPads in mind so that when the app is idle it looks beautiful on the wall.

Whisper Mode

- Have you ever wanted Josh to speak more quietly in the evening or early morning? With new enhancements to our Fiji OS scenes builder, you can now customize the volume of Josh's voice based on location and time of day.

New Tools to Combate Device Name Clashing

- When installing a Josh system it is important to make sure devices have unique names, and to help streamline installs we have released two new features to assist with naming:
  - When new devices are authorized and added to the Josh ecosystem, Josh will auto-detect common device names and adjust them to be unique. For example,

if we pull in an office light named "lamp" Josh will proactively rename it "Office Lamp."

- Additionally, if any device names are duplicated in the system, we have overhauled our Diagnostics page in Josh Portal to highlight the device names that may cause issues for your clients.

- Check it out on your system: https://www.josh.ai/portal/diagnostics

License (Platform Access) Violation Notifications - Now in iOS

- Each client system is granted access to a specific number of rooms it can control and we have added a pop-up notification in Josh Portal to help draw attention to client systems that have exceeded their room limit. With our latest release, we have added the notification to our iOS app.

Scene Builder Updates - Response Options

- The Josh scene builder in FijiOS enables you to customize how Josh responds to your scenes, and with this latest update, you can now program a Josh scene to run with no verbal response. This is great for Goodnight scenes or any other scene where you might want to give a command but you don't want Josh's response to project in the space.

Control4 Enhancements

- Expanded support for Control4 environmentals by adding additional HVAC modes for C4 Systems
- Improved programming sync with Control4: Added the ability to reload C4 devices from composer without restarting Josh

Android App Update

- Device tile control (quick actions) now available for the following devices (note: full device controllers still in development for Android)
  - Shades (Toggle open/close)
  - Video (Toggle on/off)

- Music (Pause, skip, previous)
- Lights (Toggle on/off)
- Lock (Toggle locked/unlocked)
- Micro (Toggle mute/unmute)
- Switch (Toggle on/off)

2020: Q4

License (Platform Access) Violation Notifications

- Each client system is granted access to a specific number of rooms it can control and we have added a pop-up notification in Josh Portal to help draw attention to client systems that have exceeded their room limit.

Control4 Hub Migration Support & Scalability Support

- When client systems are being upgraded to newer processors, the Josh team has made these migrations seamless so that the new processor syncs with Josh properly. For more information on the upgrade flow, please see the help page on this topic:
- Added C4 authorization page in Josh - Enables dealers to see what devices are pulled into Josh through the C4 processor
- Improvements for C4 discovery - better optimized for large systems

Launched New Josh.ai Home Page

- With so much buzz around Josh Nano and Josh Core, we wanted to provide our dealers with an updated Josh web page to help showcase our new product offerings.
- Upgraded website navigation and mobile sites too. Check it out.

Released Scene Auto-Sync (with 3rd Party Systems)

- For a while, Josh has supported the ability to import scenes from 3rd party systems (C4, Crestron, Philips Hue, Lutron) and trigger those scenes through Josh. With this new release Josh will auto discover if scenes have changed in these 3rd party systems and update the scenes name and what it controls without any additional configuration.

Wake on LAN Improvements

- For TVs with outdated IP protocols or power saving modes that prevent the TV from powering on through IP commands, we have implemented wake on LAN as a backup option to improve reliability for client deployments.
- Added wake on LAN support for LG TVs
- Added wake on LAN support for Samsung TVs

iOS App Features

- Air Quality Index (AQI) support added to the AI Dashboard in the App
- New animated icons on the dashboard for active devices
- User Roles and Permissions now available through iOS.

Music Service Enhancements

- Expanded SiriusXM search and added support for local "on-device" search
- Improvements to music service match accuracy: If an artist, song, or artist is not available on a particular service, Josh will auto-retry every logged-in music service.
- Improved Heos support for single player systems (showroom demo environments)
- Improved Sonos support for systems with stereo pair configurations
- Added default artwork for Pandora stations that do not have an icon/image.

Overview of Josh Keynote Announcements

- Josh Nano - World's first Architectural Microphone
- Josh Core - Home Processor for Josh Micro and Josh Nano

Fiji OS Enhancements

- Launched at CEDIA 2020, Fiji OS is Josh's newest dealer tool - completely overhauled, with the goal of further simplifying Josh deployments. More on Fiji OS below.
- New modern device authorization pages for all of the 3rd party systems Josh supports
- Optimized for scalability and larger home deployments
- Added support for triggering Josh scenes via physical keypads in a Josh home
- Launched the license violation banner to better inform Josh dealers when systems need has an expired license and is in need of an upgrade.

Expanded TV Support

- Added support for LGs complete 2020 line-up of IP-controllable TVs.

Control4 Enhancements

- Added Control4 authorization page in Josh - Enables dealers to see what devices are pulled into Josh through the Control4 processor
- Added dynamic fan speed support, for fans with more than 4 speeds
- Improvements for Control4 discovery - better optimized for large systems
- Added support for a second (optional) C4 fireplace relay driver

Sonos Integration Improvements

- Added support for Sonos "Line-in" enabling TV audio to flow through Sonos
  - Supported Sonos Hardware: Sonos Amp, Sonos Port, Sonos Connect, Sonos Soundbar

Expanded Lutron Support

- Added support for Lutron Caseta Pro Pico Keypads
- Added support for Lutron Caseta Pico Keypads
- Faster deployment and discovery for large lutron systems (500-1000+ lighting loads)

Crestron Enhancements

- Added Crestron authorization page in Josh - Enables dealers to see what devices are pulled into Josh through the Crestron processor
- Improvements for Crestron discovery - better optimized for large systems
- Crestron SIMPL Module 2.2.1 released
  - Added support for Crestron Series 4 Processors
  - Added support for Crestron Databases greater than v200
  - Simple upgrade path with minimal disruption to existing projects

New Audio Hardware Supported

- Added support for AudioControl Concert XR-6
- Added support for AudioControl Concert XR-7

- Added support for AudioControl Concert XR-8
- Added support for AudioControl Maestro X7
- Added support for AudioControl Maestro X9
- Added support for Lyngdorf MP-50
- Added support for Lyngdorf MP-60

Music Playlist Support

- Added support for Sonos Favorites and Sonos Playlists
- Aliasing for playlists supported through Josh Portal
- "OK Josh, listen to my *workout* playlist" OR "OK Josh, turn on *workout*"

2020: Q3

Overview of CEDIA (Virtual) 2020 Announcements

Launched Fiji OS: Fully upgraded online Portal for system configuration

- **New Look and Feel:** Specifically designed for custom integration professionals to deploy and maintain Josh systems
- **New Natural Language Scene Creator**
  - Enables dealers to create powerful scenes without a line of code
  - Conditionals Support - Scenes intelligently adapt to conditions at the home. For example, if the sun is up when a client gets home, leave the lights off when he/she says "I'm home"
  - Triggers Support - Scenes may be triggered by voice commands, time, sunrise/sunset, sensors, etc.
  - Responses - Customizable responses and sounds
- **User Roles:** Head of Household, Resident, Guest, Support
- **Privacy Permissions:** Granular settings for what each Josh Micro has access to control

- **Wake Beep Options:** Configuration settings for adding a audio beep when the Josh Mirco wakes up. This feature is also available on iOS.

Launched Control4 Native Music Support

- Added support for Control4 systems with Pandora music.
- Music grouping and routing for Control4 Audio
- The Josh app and voice commands will now route and queue up content on Control4's native music service

Launched Door Station Control

- Added support for 2N door stations
- Added support for Doorbird door stations
- Features supported include
    - Access Control - Remote lock and unlock
    - Video Display - iOS app video feeds from door stations
    - Notifications - In-app alerts for activity, motion and doorbell

Support for SirusXM Radio

- Announced support for systems with SiriusXM audio sources at CEDIA 2020, available soon.
- SiriusXM Radio support on Sonos
- SiriusXM Radio support on Heos

Expanded Heos integration to include iHeartRadio

- Customer with Heos music systems can now access iHeartRadio audio content through the Josh App and natural voice commands

Expanded Apple Music integration to include radio stations

- Customer with Apple Music, now have access to radio stations through Josh via voice commands and the Josh App.

Launched Scene Creation via Voice

- Josh now has the power to create a scene without even opening the Josh app or Josh Portal.
- Simply, use natural language to create a custom scene on the fly: "Okay Josh, when I say good morning, set the lights to 50% and listen to Mumford and Sons in the Kitchen"

Launched Automatic Zoning

- Josh intelligently groups rooms with similar naming conventions into zones
- For example, Josh understands that the Master Bedroom and Master Bath are both in a zone called the Master

Launched Josh Announcements

- This new feature allows you to use the Josh Micros as a way to communicate with other members of the residence through announcements.
- For example, "Ok Josh, announce everywhere it is time for dinner"

Support for Occupancy Sensors

- Support for Lutron Occupancy sensors - Announced at CEDIA 2020, available soon.

Support for Sonos Favorites via Voice

- Support for Sonos Favorites via Voice - Announced at CEDIA 2020, available soon.
- The Josh App and Josh Portal previously added support for custom playlists through Sonos' Favorites feature. We are excited to make this functionality available through natural voice commands

Distributed AV 2.0

- Fast audio and video playback
- AVR, matrix, TV, projector input switching in parallel
- Improved algorithm for source selection
- Auto-detection and configuration of streaming providers enhanced
- 40x faster music service discovery at time of install

2020: Q2

Launched Scheduled Commands

- Josh can now run any command in the future, for example "Turn the lights on in an hour"
- Scheduled commands, alerts, timers and reminders show up in the Josh Application.

Launched Support for Lutron QSX

- Support for lutron's latest processor, Lutron QSX
- Ketra support is also now available through the QSX processor
- How to configure Lutron QSX

Launched Support for Comcast

- IP support Comcast Xfinity X1 cable set-top-boxes

2020: Q1

Launched iOS 4.0 App

- Announcement and Full Feature Overview
- Dark & Light Mode Support
- New Customizable Dashboard
- Video Remote Control

Launched Portal 2.0

- Josh.ai/portal
- What is new with Portal 2.0
- Updated look and feel to streamline installs and improve set-up and troubleshooting
- New local and global navigation, surfacing quick links to *Chat History* and *AV Setup* higher up in the menu.

- New device tiles (lights, shades, fans, thermostats, etc) and updated settings menu for ease of use
- Video of New Portal Features

Audio & Video Enhancements

- Meridian Amp Support
- Steinway Amp Support
- ProAV Amp Support
- Samsung 2020 TV Model Support
- Hulu Streaming Service Support
- Josh will preference HD channels over SD channels when both are available
- IR controlled TVs, Set-top-boxes, AVRs, and Projectors may now be updated/reconfigred without deleting the device
- Multiple set-top-boxes may share the same channel guide listing

Environmentals

- Lutron Fan Support (Caseta, Caseta Pro, RA2 Select)
- Keypad Device Category Launched
- Support for Control 4 variable speed fans

Voice Enhancements

- Support for AV sources with the same name (cable, satellite, Dish Network, Roku, etc)
- Support for Future Actions: "OK Josh, turn on the lights in an hour"
- Music Genre Support for Spotify
- Song/Artist Support for Pandora
- Support for Alerts, Alarms, Timers, and Reminders
- Alarm/timer audio now plays through VoiceCast (vs. micro speaker)

Josh Micro Enhancements

- Added the ability to disable the touch sensativity on the top of the micro
- Updated touch sensitivity to be more responsive to single taps, double taps, and slider control.

2019: Q4

Audio & Video Enhancements

- IR Cable/Satellite Set-Top-Box Control (via Global Cache)
- Lower Video Volume on Wakeword (Ducking)
- AudioControl Receiver Support

Crestron

- Crestron SIMPL Thermostat Support
- Crestron Online Training

Environmentals

- Ecobee Humity Support
- Thermostat Min/Max Temperature Bound Support

Voice Enhancements

- Expanded support for opening video apps
- Support for toggling a device state: "Ok Josh, lights."
- Expanded TV Guide and Remote Commands
- Expanded Light Control for Relative Brightness

New Options for Triggering a Josh Scene

- Users can now configure Josh to trigger a Josh Scene from a 3rd party button press.
- Lutron Keypad and Pico Remote Support
- iPort Wall Mount Support

New Josh Micro Setup Tool

- Set up multiple Micros in parallel
- Add WiFi credentials to Micros on POE without factory resetting them
- Set up Micros on Mac or Windows OS
- Learn more about the Josh Micro Setup Tool

Portal Changes

Distributed AV Refresh

- Devices don't show on the left sidebar unless they're configured or added. A device is configured if they have at least one input or output assigned.
- Input and output tiles have background images of the device itself
- Input and output tiles show the manufacturers logo
- Collapsible sections in sidebar. Separated by type

2019: Q3

Audio & Video Enhancements

- Samsung TV Support
- Cable/Satellite Support via IR
- AudioControl Matrix Support
- Music Playlists Supported via My Sonos Favorites
- Lower Music Volume on Wakeword (Ducking)

Privacy

- Micro Permissions
- Chat History Auto-Delete Options

Devices

- Control4 Relay Devices Support
- Garageio Garage Door Support

Voice

- Concise Mode
- Future Actions: "Turn the lights on in an hour
- Weather Forecasting: "What is the weather this week?"
- Natural Language for "Inside/Outside" Spaces

Environmentals

- Ketra Support via Lutron Connect Bridge
- Ecobee Thermostat Support
- iOS Support for Lutron Keypads
- Light Response Time Increased by 5x for Large Projects

Performance & Reliability

- Improved reconnections for unstable networks

2019: Q2

Audio & Video Enhancements

- Control 4 AV Room Modules
- Crestron AV Room Modules
- Dish Network Satellite TV Support
- Marantz & Denon Receiver Support

Josh Portal Enhancements

- Josh Portal 2.0 Rollout - New UX/UI
- Camera Streaming Performance Boost
- Launched Tech-Support Online Ticketing System

VoiceCast

- Josh's Responses Heard Through Home Audio Launched in Partnership With Sonos

Crestron Pyng Updates

- Crestron Pyng - Quick Actions
- Crestron Pyng - Locks

Other

- Bosch Coffee Maker Support

- Control4 Locks

2019: Q1

Audio & Video Enhancements

- Distributed Audio & Video Release
- Atlona Matrix Switcher Support
- Sonance Matrix Switcher Support
- Music Grouping (iOS)
- LG TV Support
- Yamaha Receiver Support
- Sony Projector Support
- Barco Projector Support

Environmental Enhancements

- Caseta (Non-pro) Support
- Phillips Hue Scalability Enhancement
- Control 4 Shade Support

iOS App Updates

- iOS and Josh Portal Music Service Parity
- iOS App Demo Mode (Video overview of app)
- New iOS app launched for iPad

Support

- Launched the help.josh.ai support page