KueSync v0.15.78

Networked show control for audiovisual production. One Leader runs every Mac and PC in the show.

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```
Agent Installer - macOS/      install on every show Mac
  KueSync-Agent-0.15.78.pkg
  uninstall.sh                (to remove KueSync later, run from Terminal; see "Uninstalling")
Agent Installer - Windows/    install on every show PC
  KueSync-Agent-Setup-0.15.78.exe
Companion Module/             optional
  krometis-kuesync-0.15.78.tgz   import into Companion 4+
  krometis-kuesync/             drop-in folder for Companion 3's developer-modules path
```

Requires a Mac with Apple silicon (M1 or later) or Windows 10/11. All machines on the same network.

Quick guides with screenshots: kuesync.com/guides. Short guides walk through the steps below on screen, each with troubleshooting and a pre-show checklist: Load-in to first slide, files, decks, clickers, Show Flow, remote crew, video count-outs, the Timer, Timer messages, Notes, Cue Lights and QLab.

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1. Install KueSync on every machine

On a Mac, double-click the `.pkg`. On Windows, run the `.exe`. Both installers are signed (and notarized by Apple on the Mac), so they open normally. KueSync opens at login.

2. Find the KueSync menu

Everything in setup starts here. On a Mac, click the KueSync icon in the menu bar, top right. On a MacBook with a crowded menu bar, the icon can hide behind the camera notch, so quit a few menu bar apps to make room. On Windows, click the KueSync icon in the system tray, bottom right. If you don't see it, click the ^ arrow by the clock, then drag the icon onto the taskbar so it stays in view.

The menu shows this machine's Mode, Status, Clock and License, opens Settings, KueSync Control, Timer, Cue Lights, Notes and Show Flow, and lists its networks.

3. Put every machine on one network

All machines in the show need the same network and subnet. A wired or dedicated show network is best, and an isolated switch with self-assigned 169.254.x.x addresses works. Then, on every machine, before you add followers:

- **Ignore hotel and guest Wi-Fi (best practice).** These networks usually stop devices from reaching each other. Once ignored, the machine still uses that Wi-Fi for internet and KueSync stays off it. Mac: KueSync menu › the Wi-Fi's address › Ignore this network. Windows: tray › Ignore network › the Wi-Fi.
- **On a Mac, set your show network as preferred (best practice).** KueSync menu › the show network's address › Use as preferred network.

4. Choose your Leader

Every machine starts as a Follower, with no setup and no license. On the machine that runs the show, open KueSync menu › Settings and set This machine › Mode to Leader. On a Mac, allow Input Monitoring and Accessibility in the KueSync Permissions window (it opens by itself, or choose Permissions in the KueSync

menu), so it can capture the presenter remote. Followers need none of this. On a brand-new PC, if Settings opens nothing, open Microsoft Edge once and try again.

5. Enter your license key

On the Leader, go to Settings › This machine › License, enter the key and press Activate now. The Leader licenses its followers and Companion. One license covers the Leader and one backup Leader.

6. Match the Settings and Control PIN (best practice)

Each machine makes its own random PIN at install. On each follower, set Settings › Security › Settings and Control PIN to the Leader's PIN before you add it. Then adding a follower is one click, and the Leader opens any follower's Settings with no prompt. Keep the PIN on.

7. Add your followers and backup Leaders

In the Fleet section, Scan finds every KueSync machine on the network. Add the ones in this show: the Leader drives only the machines it lists. The Fleet Password is automatic: the Leader makes one and gives it to each follower you add. Show traffic between your machines is encrypted automatically, and Live status reads Encrypted. Add backup Leaders under Backup Leaders and rank them L2, L3, L4 (a second backup needs a second license). If the Leader drops, the top backup takes over, and the original takes back control only once it is proven stable.

Guide: kuesync.com/guides/first-show

8. Run the show

- **KueSync Control.** The control page for every operator, in any browser on the show network: launch numbered decks and run the Timer, Notes, Show Flow and Cue Lights.
- **Presenter remote.** Plug a standard USB presenter remote into the Leader and every machine follows.
- **Slides.** On a Mac, the first time KueSync moves a slide, macOS asks to let it control Keynote or PowerPoint. Click OK.

Guides: kuesync.com/guides/fleet-folder, /presentation-machines, /clickers, /timer and /show-flow

9. Add Internet when you need it

Internet extends your Leader and fleet: remote control access for the Show Caller, Control users and remote presenters, and Timer, Notes and Cue Lights links for any screen with internet. Nothing is shared until you make a link. The show always runs on the fleet.

Guide: kuesync.com/guides/remote-links

Fleet Folder

The Fleet Folder keeps one show folder on every machine in the fleet: add or delete a file on any machine and the change reaches the others within seconds, over the show network only, with no cloud and no network share. It is on by default on a new install, in Settings, Fleet Folder. On each machine it is the folder named KueSync Fleet. It is for distributing show content, not for storing it, so keep your masters in your own storage. A machine's Fleet Folder belongs to its fleet: when the machine leaves the fleet, is removed from it or joins another, the folder is emptied and fills again from the new fleet.

Licensing

One license runs KueSync on 2 Leader computers, a main and a backup. Own it or rent it by the day at kuesync.com. Enter the key on the Leader in Settings › This machine › License and press Activate now. With no internet, choose Activate by phone. An activated license runs offline. Followers and Companion run on the Leader's key. A backup Leader you approve takes the license's second place. A show in progress is never cut off mid-cue.

First-show snags

Problem	Fix
Can't find KueSync after installing	It lives in the menu bar or tray, not the Dock or taskbar. See step 2.
Scan found a machine, but it doesn't follow	Scan only finds machines. Click Add.
Adding a follower asks for a PIN	Its PIN doesn't match the Leader's. Enter the PIN shown in that machine's own Settings, or match the PINs (step 6).
Mac Leader, and the remote does nothing	Allow Input Monitoring and Accessibility in the KueSync Permissions window (KueSync menu › Permissions).
Slides don't move on a Mac	Click OK when macOS asks to let KueSync control Keynote or PowerPoint.
Settings says your machines can't see each other	The network isolates devices. Ignore it and use your show network (step 3).
One machine lags or acts differently	Open `http://<its-ip>:37100/health` and check its version matches the rest of the fleet.

Bitfocus Companion (optional)

Companion 4 or newer: Settings › Modules › Import module package, choose `Companion Module/krometis-kuesync-0.15.78.tgz`, then Connections › Add connection › search KueSync.

Companion 3: copy the `krometis-kuesync` folder into your Companion developer-modules folder, point Settings › Developer modules path at its parent, restart Companion, then Connections › Add connection › KueSync.

In the connection, enter one fleet address (any machine; find it in its KueSync menu) and the Fleet Password from the Leader's Settings. Companion finds the Leader, the followers and the backup Leaders by itself, and when a backup takes over, the buttons go with it. Open Presets and drag buttons onto a page.

Uninstalling

On a Mac, open Terminal (Applications › Utilities › Terminal), type `sudo bash ` (with a trailing space), drag `Agent Installer - macOS/uninstall.sh` into the window, and press Return. You'll be asked for your Mac password. This stops and removes the KueSync agent, menu app and helpers. On Windows, use Settings › Apps › KueSync › Uninstall.