TOA JUST:IN MAC LITE BOILERPLATE

**Additional information about the just:in mac lite Capture Solution for macOS.
To be used for RFI, RFP or Web Shop descriptions.**

v.1.4 – OCTOBER 2024

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1 Change Log:

Date	Version	Changed by	Changes
14.10.2024	1.4	MGR	**Updates/changes:** • Updated feature set and compatibility matrix for macOS Sequoia • Added Workflow Diagram
02.09.2024	1.3	MGR	**Updates/changes:** • Revised descriptions for better readability • Updated specifications and descriptions to reflect the current software release.
02.09.2024	1.3	MGR	**Updates/changes:** • Revised descriptions for better readability • Updated specifications and descriptions to reflect the current software release.
27.07.2024	1.2	MGR	**Updates/changes:** • Updated TOC Sections for better readability • Revised descriptions for better readability • Updated specifications and descriptions to reflect the current software release.
12.09.2020	1.1	MGR	**Updates/changes:** • Updated TOC Sections for better readability • Revised descriptions for better readability
13.07.2020	1.0	MGR	**Initial Draft**

2   Product Description just:in mac lite

2.1 Title:

ToolsOnAir **just:in mac lite** – simplified up to 8 channels capture solution for macOS.

2.2 SKU:

Licenses: JIML

2.3 Ideal for:

- Recording up to 8 channels of SD, HD, or UHD resolutions on a qualified Apple silicon Mac, with growing file support, in one flexible, single-application solution on macOS.
- Support for SDI/HDMI/NDI® High Bandwidth /HX3 input sources.
- Crash and Schedule recordings with growing file support (refer to NLE Vendor codec/container compatibility).
- Remote control using the powerful REST API for third-party based integrations.

2.4 Description:

just:in mac lite is a streamlined media capture solution designed specifically for macOS. It lets you record up to 8 channels of HD or UHD video on an Apple silicon Mac, from SDI and/or NDI® High Bandwidth/HX3 format sources, including growing file support and using either Crash or Schedule recording modes. For remote operations or third-party automation scenarios, it features a comprehensive and easily accessible REST API.

2.5 Concept:

Seamlessly integrating into the production workflow of any TV station, Event- or post-production facility **just:in mac lite** captures up to 8 video sources directly into MOV, MXF OP1a and MP4 containers with support for Apple ProRes, XDCAM HD 422, HEVC and H.264 codecs. **just:in mac lite** unites single and multichannel recording into one flexible and expandable baseband SDI and NDI format capture solution.

2.6 Reliability & Flexibility:

Ideal for smaller production environments or educational institutions, **just:in mac lite** ensures reliable performance on macOS platforms, leveraging the power of Apple's hardware. With essential functionalities focused on simplicity and efficiency, **just:in mac lite** empowers users to capture media content effortlessly, making it an excellent choice for those needing a straightforward, powerful and budget-friendly capture solution on macOS. Featuring multiple destinations for either parallel recording or out-of-storage/network connection loss prevention scenarios, **just:in mac lite** ensures that your recordings are compliant to broadcast standards, safe and secure. It is also ideal for growing file editing in combination with industry standard NLEs such as Adobe Premiere Pro or Apple Final Cut Pro (please refer to NLE vendor codec/container compatibility).

By using the **TOA REST API** to remotely control the **just:in mac lite** solution, customers, and system integrators gain the flexibility to integrate **just:in mac lite** into existing media infrastructures with ease.

2.7 Product Deployment:

just:in mac lite is a single application capture solution for macOS. With the built-in video and audio previews and the single/multichannel control application, the operator can control all available capture channels from a single interface. The deployment and configuration of the **just:in mac lite** solution is straightforward and intuitive and consists of one application, which can be easily installed via Drag-and-Drop, from the DMG package, in the specific "**Applications**" folder of the corresponding Apple silicon-based Mac.

The **just:in mac lite** application features a configuration panel ("**Configuration**"), which is used to perform all **Channels**-related settings, such as creating or modifying all kinds of Presets (Capture, Destination, Naming).

The **just:in mac lite** application has access to the specific Video Hardware Devices (AJA / Blackmagic Design) and/or NDI®, format streams and is responsible for the encoding processes and for writing the video files to the chosen destination(s).

2.8 Key Features:

- Record up to 8 channels of SD, HD, or UHD video on a qualified Apple silicon-based Mac
- Frame accurate Crash, Schedule as well as Split-While-Recording.
- Growing File Support in Adobe Premiere Pro, Final Cut Pro (refer to NLE Vendor codec/container compatibility).
- SDI, HDMI, NDI®, Input Sources support.
- Broadcast Standard Format and Container Support (MOV, MXF, MP4).
- Timecode support for: Computer Time, LTC over Audio (over USB device), Capture card LTC (AJA), SDI Embedded
- Closed Captioning support.
- Dropped Frames Strategy.
- TOA REST API for remote control and third-party integration flexibility.
- Bitfocus Companion integration.
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3 Technical Data (Supported Containers & Codecs):

3.1 QuickTime (PAL, NTSC, HD, UHD/4K):

- Apple ProRes 422, LT, Proxy, HQ
- Apple ProRes 4444 (with alpha)
- H.264
- HEVC (H.265)
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60

3.2 MXF (PAL, NTSC, HD, UHD/4K):

- XDCAM HD 422 (50)
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60

3.3 MP4 (PAL, NTSC, HD, UHD/4K):

- H.264
- Supported frame rates: 23.976, 24, 25, 29.97, 30, 50, 59.94, 60
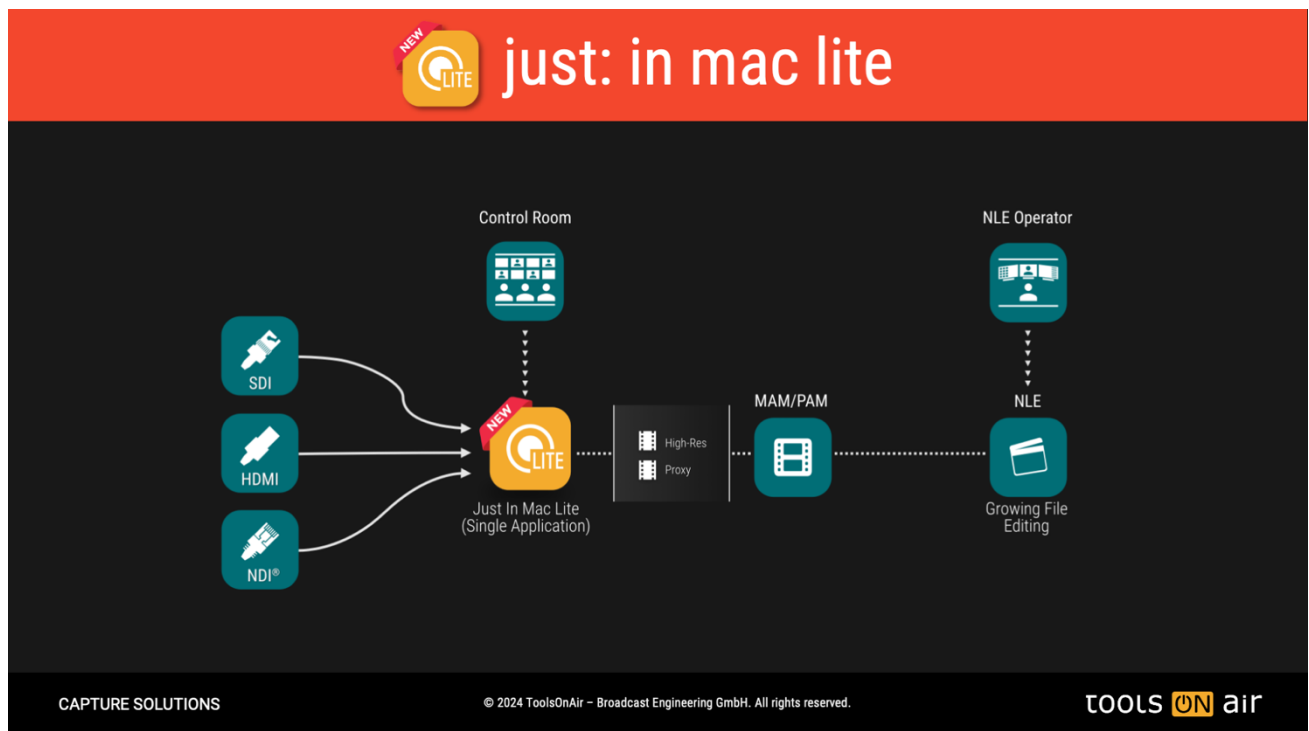
4 System Requirements

- Apple Mac mini, iMac, Mac Studio, Mac Pro 2023 – Apple silicon recommended.
- Apple macOS Ventura, macOS Sonoma, macOS Sequoia are recommended.
- Support for AJA and Blackmagic Design ("BMD") video devices (SDI, HDMI, ST-2110-BMD)
- For detailed system requirements, please consult the online user manual or contact ToolsOnAir at
  https://support.toolsonair.com
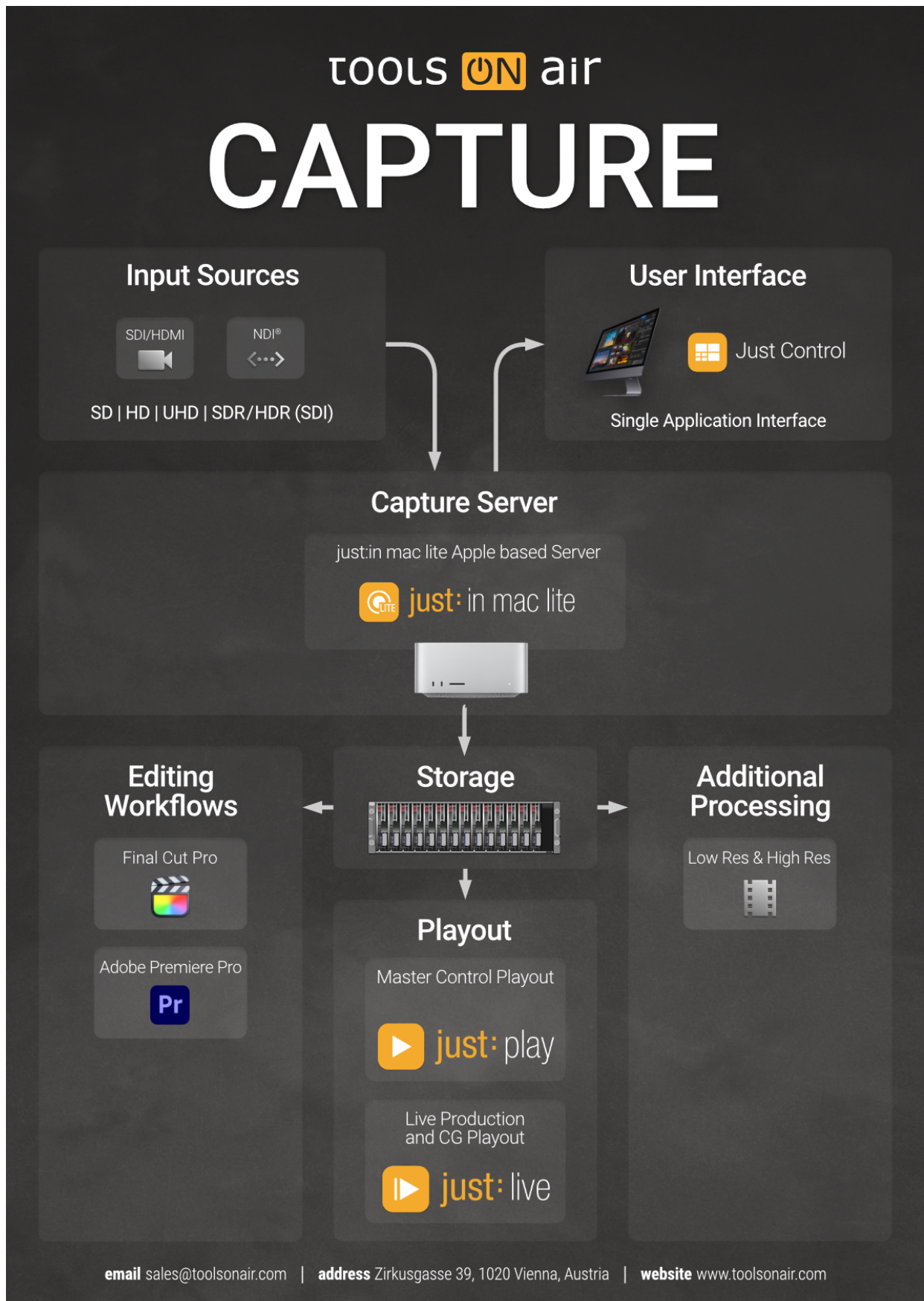
5 Compatibility Matrix

Version	macOS Sequoia (15.x)		macOS Sonoma (14.7.x)		macOS Ventura (13.7.x)		macOS Monterey (12.7.6)		macOS Big Sur (11.7.10)
	Apple silicon		Apple silicon		Apple silicon		Apple silicon		Not available
6.5	AJA	BMD	AJA	BMD	AJA	BMD	AJA	BMD	
	17.1.x	14.2.x	17.1.x	14.2.x	17.1.x	12.7.x	17.1.x	12.7.x	

Version	macOS Sonoma (14.7.x)		macOS Ventura (13.7.x)		macOS Monterey (12.7.6)		macOS Big Sur (11.7.10)	macOS Catalina (10.15.7)
	Apple silicon		Apple silicon		Apple silicon		Not available	Not available
6.2	AJA	BMD	AJA	BMD	AJA	BMD		
	17.1.x	12.9	17.0.x	12.9	17.0.x	12.7.x		

Legend: BMD = Blackmagic Design, Not available: version not available or incompatible with the displayed macOS version. All drivers versions displayed are the recommended/tested versions.
NOTE: All updates and upgrades mentioned are available to customers with an active support and software maintenance contract. To renew your maintenance contract, please contact sales@toolsonair.com

6 Workflow Diagram

7 Workflow Overview

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8 Related links and additional information:

ToolsOnAir Solutions Overview: https://www.toolsonair.com/wp-content/uploads/overview.pdf

just:in mac lite Landing Page: https://www.toolsonair.com/products/ingest/just-in-mac-lite/

just:in mac lite Datasheet: https://www.toolsonair.com/wp-content/uploads/datasheet.pdf

just:in mac lite Manuals: https://toolsonair.atlassian.net/wiki/spaces/TST/pages/3653959681/just+in+mac+lite+v.6.x

just:in mac lite Tutorial Videos: https://www.youtube.com/playlist?list=PLicnJKzn2pLLHNaOEx_tOaXTuvyZ4ldO5