
TOA COMPOSITION BUILDER 20252025 BOILERPLATE

**Additional information about the Composition Builder 2025graphics template editor for macOS.
To be used for RFI, RFP or Web Shop descriptions.**

v.1.8 – DECEMBER 2025

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Table of Contents

1	CHANGE LOG:	4
2	PRODUCT DESCRIPTION COMPOSITION BUILDER 2025:	5
2.1	Title:	5
2.2	SKU:	5
2.3	Ideal for:	5
2.4	Description:	5
2.5	Concept:	5
2.6	Reliability & Flexibility	5
2.7	Free Graphic Templates Package:	5
2.8	Product Deployment:	5
2.9	Key Features:	6
3	TECHNICAL DATA:	6
3.1	Supported Resolutions:	6
4	SYSTEM REQUIREMENTS	6
5	COMPATIBILITY MATRIX	7
6	WORKFLOW DIAGRAM:	7
7	WORKFLOW OVERVIEW:	8
8	RELATED LINKS AND ADDITIONAL INFORMATION:	9

1 Change Log:

Date	Version	Changed by	Changes
01.12.2025	1.8	MGR	Updates/changes: <ul style="list-style-type: none"> Updated feature set and compatibility matrix for version 2025.3
22.04.2025	1.6	MGR	Updates/changes: Updated feature set and compatibility matrix for version 2025
14.10.2024	1.4	MGR	Updates/changes: <ul style="list-style-type: none"> Updated feature set and compatibility matrix for macOS Sequoia Added Workflow Diagram
02.09.2024	1.3	MGR	Updates/changes: <ul style="list-style-type: none"> Updated specifications and descriptions to reflect the current software release.
27.07.2024	1.2	MGR	Updates/changes: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Updated TOC Sections for better readability. Revised descriptions for better readability.
13.07.2020	1.0	MGR	Initial Draft

2 Product Description Composition Builder 2025

2.1 Title:

ToolsOnAir **Composition Builder 2025**- Real-Time Graphics Template editor for **just:live pro 2025** and **just:play pro 2025** running on macOS.

2.2 SKU:

Licenses: Part of every JLV-RFX or JPL-RFX license.

2.3 Ideal for:

- Easy creation of dynamic real-time graphic templates for **just:live pro 2025** and **just:play 2025**.
- Integration of RSS-feeds, database fields, still images, analog clocks, input ports.
- Stop-frame animations for elements such as lower thirds.
- Exposure of template fields for last-minute text changes in **just:live pro 2025** or **just:play 2025**.

2.4 Description:

The **Composition Builder 2025** application for macOS enables TV stations and Live Event broadcasters to effortlessly generate high-quality real-time graphic templates, which can be natively played out in **just:live pro 2025** and **just:play 2025**.

2.5 Concept:

With its intuitive user interface and powerful feature set, **Composition Builder 2025** enables TV stations to easily create and implement professional real-time graphic templates for news, weather, stock exchange, sports, and other broadcast applications. All graphics are rendered in real-time by the **Just Out** playout engine, which is an integral part of either **just:live pro 2025** or **just:play pro 2025** playout solutions.

2.6 Reliability & Flexibility

Template designers can develop real-time graphic templates that are easily customizable during airtime, ensuring consistently pristine, professional-quality graphics. With **Composition Builder**, these templates can be updated both manually and automatically in just:live and just:play. The built-in support for XML files, combined with the powerful XPath query language, allows for seamless data extraction from local or networked files. This capability simplifies the creation of templates such as live news tickers, weather updates, stock exchange information, music channel inserts, or traffic infographics.

2.7 Free Graphic Templates Package:

Composition Builder 2025 comes with a package of pre-designed 2-D templates which can be used and modified for free. Drop them into any graphics layer in either just:live or just:play to play them out concurrently with any video clip. In addition, the smart and yet powerful "Stop Frame" approach allows you to dynamically extend the duration of graphic templates, while maintaining the individual duration of animations within a template. Changes to graphics and information sources can be easily made during playout and brought to air in real-time.

2.8 Product Deployment:

Composition Builder 2025 is a native macOS application, compatible with qualified Apple hardware (Apple silicon preferred) and is deployed within the official **just:live pro 2025** or **just:play pro 2025** installer.

2.9 Key Features:

- Key frame/timeline-based editor for real-time broadcast graphics creation.
- Versatile repository providing text elements, geometric shapes, image- and movie elements.
- Integration of raw text, RTF, XML, and RSS file parsing.
- Straightforward data query via XPath query language.
- Supports standard broadcast formats (PAL, NTSC, HD 720, HD 1080, UHD and 4K).
- Intuitive and easy-to-use interface.
- Display of live date and time information with extensive parameterization.
- Capability to show info about current/ upcoming video clips that are scheduled in **just:play pro 2025**.
- Attributes of graphic elements can be exposed to **just:live/just:play pro 2025** for on-the-fly editing.
- Option to embed resources to create standalone compositions.

3 Technical Data:

3.1 Supported Resolutions:

- NTSC, PAL, HD, UHD, 4K

4 System Requirements

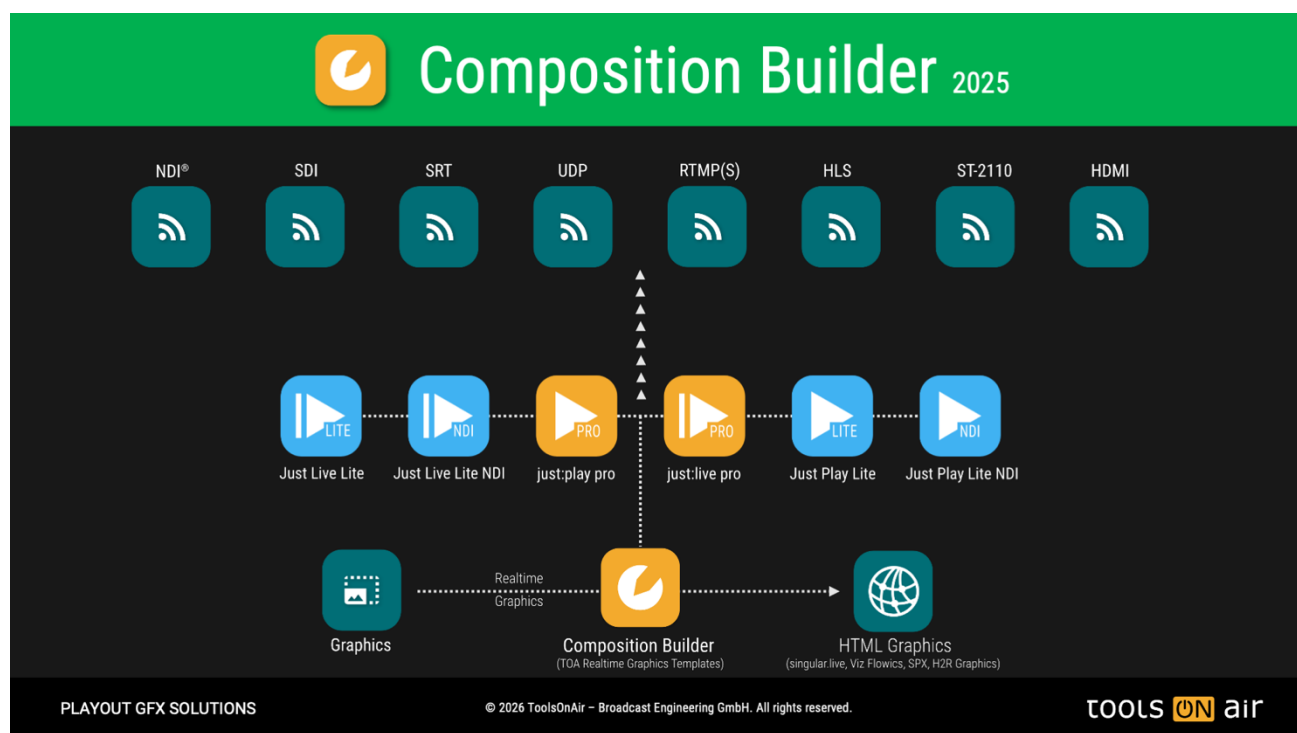
- Apple Mac mini, Mac Studio, Mac Pro 2023 – **Apple silicon (M1-M5) hardware required.**
- Apple macOS Sonoma, macOS Sequoia are recommended. macOS Tahoe has successfully passed verification.
- 16 GB of RAM recommended.
- A screen resolution of at least 1920 × 1080 (Full-HD).
- For detailed system requirements, please consult the online user manual or contact ToolsOnAir at <https://support.toolsonair.com>

5 Compatibility Matrix

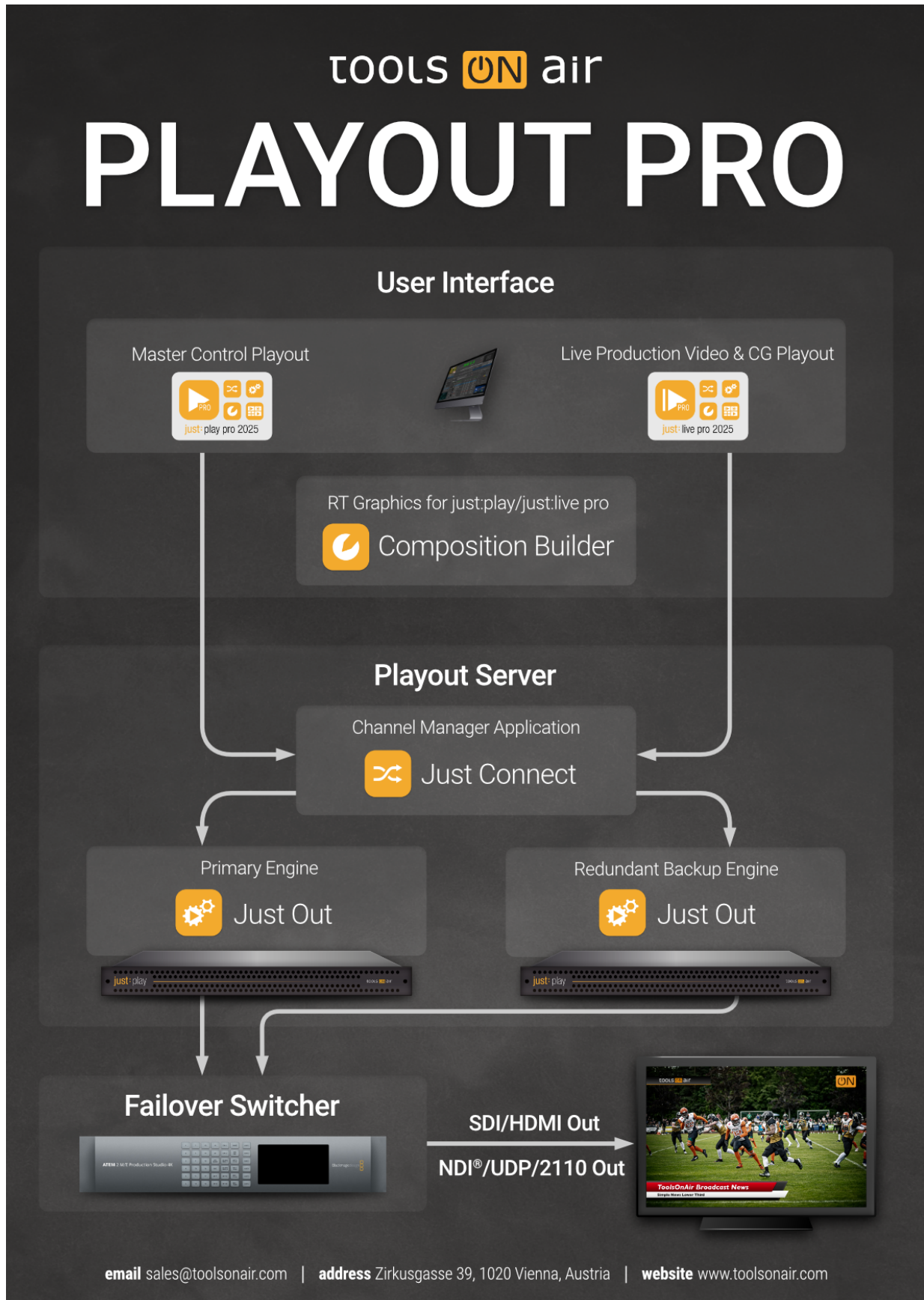
Version	macOS Tahoe (26.x)	macOS Sequoia (15.7.x)	macOS Sonoma (14.8.x)	macOS Ventura (13.7.x)	macOS Monterey (12.7.6)
2025.3	Apple silicon only	Apple silicon only	Apple silicon only	Not available. Please update to macOS Sonoma or higher for maximum compatibility!	Not available. Please update to macOS Sonoma or higher for maximum compatibility!
	Composition Builder Application (Mac)	Composition Builder Application (Mac)	Composition Builder Application (Mac)		
	Support for Apple silicon GPU	Support for Apple silicon GPU	Support for Apple silicon GPU		
Version	macOS Sequoia (15.7.x)	macOS Sonoma (14.8.x)	macOS Ventura (13.7.x)	macOS Monterey (12.7.6)	macOS Big Sur (11.7.10)
2025.1	Apple silicon only	Apple silicon only	Apple silicon only	Not available. Please update to macOS Sonoma or higher for maximum compatibility!	Not available. Please update to macOS Sonoma or higher for maximum compatibility!
	Composition Builder Application (Mac)	Composition Builder Application (Mac)	Composition Builder Application (Mac)		
	Support for Apple silicon GPU	Support for Apple silicon GPU	Support for Apple silicon GPU		
Version	macOS Sonoma (14.8.x)	macOS Ventura (13.7.x)	macOS Monterey (12.7.6)	macOS Big Sur (11.7.10)	macOS Catalina (10.15.7)
5.0	Apple silicon only	Intel / Apple silicon	Intel / Apple silicon	Intel / Apple Silicon	Intel
	Composition Builder Application (Mac)	Composition Builder Application (Mac)	Composition Builder Application (Mac)	Composition Builder Application (Mac)	Composition Builder Application (Mac)
	Support for Apple silicon GPU	Support for AMD, Intel, or Apple silicon GPUs	Support for AMD, Intel, or Apple silicon GPUs	Support for AMD, Intel, or Apple silicon GPUs	Support for AMD or Intel GPUs
Version	macOS Ventura (13.7.x)	macOS Monterey (12.7.6)	macOS Big Sur (11.7.10)	macOS Catalina (10.15.7)	macOS Mojave (10.14.6)
4.0	Upgrade to Version 5.0	Upgrade to Version 5.0	Upgrade to Version 5.0	Upgrade to Version 5.0	Intel
					Composition Builder Application (Mac)
					Support for AMD or Intel GPUs

Legend: Not available: version not available or incompatible with the displayed macOS version. All driver 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:



8 Related links and additional information:

ToolsOnAir Solutions Overview:

<https://www.toolsonair.com/files/TOA/Whitepapers/TOAOverview2025.pdf>

Composition Builder 2025 Web Information:

<https://www.toolsonair.com/products/just-live-pcr-playout.html>

<https://www.toolsonair.com/products/just-play-mcr-playout.html>

Composition Builder 2025 Manual:

<https://toolsonair.atlassian.net/wiki/spaces/TST/pages/4864016385/Composition+Builder+v.2025>