

# Workflow integrated Data Management

## ToolsOnAir & Archiware team up to secure your workflow

**ToolsOnAir Broadcast Engineering**, developers of the “TV station in a Mac” and the *just: Broadcast Suite* and **Archiware**, developers of the *P5 Software Suite* for professional data synchronization, backup and archiving have joined forces to provide a unique multi-tiered storage and archive solution for the broadcast industry.

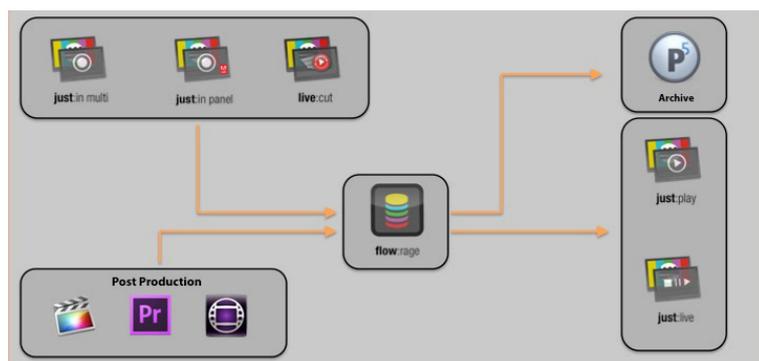
Archiware P5 has been fully integrated into ToolsOnAir’s latest product offering, the **flow:rage** high performance storage and workflow appliance. P5 data can be seamlessly synchronized to a separate partition within the **flow:rage**. In case of an emergency the data can be easily and quickly restored from this partition. Additionally, with the addition of an expansion card a tape library can be attached directly to the **flow:rage** and data can be automatically archived.

The **flow:rage**/P5 integration provides you with everything you need to manage, backup and archive your data quickly and securely in a single box. Some of the key benefits include:

**Designed for the needs of broadcasters:** In professional broadcasting storage needs to be fast and secure. It also should provide low latency, an extremely consistent bandwidth, easy file level access, and scalability. That’s why ToolsOnAir built **flow:rage**, a storage solution that best fulfills the demands of broadcast professionals and is the perfect addition to the *just: Broadcast Suite*.

**Availability:** Shared production storage is time critical and must be available 24/7. Archiware’s P5 Synchronize clones data to a secondary storage, creating an automatic backup. In case of emergency, switching over takes only minutes before all data is again available to continue production. Additionally file versions and snapshots can be kept. By using FSEvents copying of changed files can start immediately without scanning the storage and sync intervals can be kept short to reach an even higher level of data security.

**Security:** Combining data availability and archiving increases the number of security levels. Failover for time critical data is complemented by a long-term archive for completed assets and productions. The combination optimizes the load on the **flow:rage** by removing completed productions and maximizing security through off-site storage of archived media.



**Cost reduction:** Automatic transfer of data from the **flow:rage** to LTO for long-term storage saves money as tape has a much lower total cost of ownership than disk systems, needs less energy and has a lower price per TB.

**Easy administration:** The integrated media administration of P5 Archive can be used to manage your archive.

A centralized catalog provides searching and browsing capabilities even if the tapes are not present in the library. Metadata offer additional benefits for searching and discovering relevant files. Visual previews and proxies let the archive come alive and further support re-use of produced assets. The library of **just:play** shows all the files available on **flow:rage** including metadata. For ease of use there are tabs for videos, graphics, events and pre-saved playlists.

### Options, Configurations, Interfaces...

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