

Ensuring Video Capture Failover



The description is valid for software version [2.11.0](#) and newer.

Since [2.11.0](#) version, the Capture module supports two approaches to ensure input reception failover.

Cycle URL Usage

Backup with the [the Cycle URL function](#).

Advantages

- This backup scheme does not require any additional modules to work.
- Only one input URL is connected at any given time thus saving input traffic when using limited connections.
- Cyclic search of available sources.
- Sources list management without having to restart the module.

Disadvantages

- This mode is supported only in Webcast, IPTS and NDI capture modes.
- You cannot switch between different types of sources, such as SDI and IPTS.

Multiscreen and Failover Switchers Usage

Since [2.11.0](#) version, the [Capture](#) module adds a “SIGNAL NOT PRESENT” auxiliary packet to ANC Data, which allows:

- [Multiscreen module](#) to activate the [No Signal](#) alert for a window.
- to monitor the No Signal status through the [Multiscreen](#) client application using the [Show ANCs](#) function.

The [Failover Switchers](#) function can be set to change the input settings of modules that use the output of the Capture module to use the signal from another Capture module.

Advantages

- The scheme allows switching between different types of sources, such as SDI and IPTS or RTMP.
- Visualisation of system status and signal presence.
- Flexible alerting and notification by [Email](#).

Disadvantages

- This redundancy mode requires two simultaneously running Capture channels and the Multiviewer module to monitor Capture status and trigger switching actions.

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