The AIRCast Streaming Platform

Introducing the AIRCast Streaming Platform

AIRCast is the ultra-low latency, live streaming platform built into OnAIR and powers all aspects of the OnAIR virtual experience, including:

- Sessions and Breakout Rooms
- Poster Presentations
- One-to-One video meetings in Live Support, Meeting Hub and Exhibitions
- Exhibitor Presentations
- Networking Functions and Group Conversations
- Live Host Broadcasts

AIRCast utilizes several streaming technologies and is fully managed within OnAIR. Once selected, the amount of time streamed to each viewer is billed to you at the end of each month's service.

AIRCast is an optional service and can be used in conjunction with existing technology such as YouTube, Vimeo, Zoom, GotoWebinar and Brightcove.

Features of AIRCast

- **Integrated in OnAIR** – Eliminates the need to license external services such as Zoom or GoToWebinar and create external connections in EventsAIR.
- **Ultra-Low Latency Design** – AIRCast Studio provides ultra-low latency, typically less than a 3 second lag from initial broadcast to viewed in OnAIR.
- **Redundant Streaming** – As an added security measure, all session content is streamed via two backup services. These backup streams are available to attendees in session who may have technical issues with the primary stream.
- **Auto Session Recording** – All sessions are automatically recorded. **Please note** that you will still need to download your recordings and upload to a video storage service such as YouTube or Vimeo within 70 hours of the recording as they are automatically deleted after 70 hours.
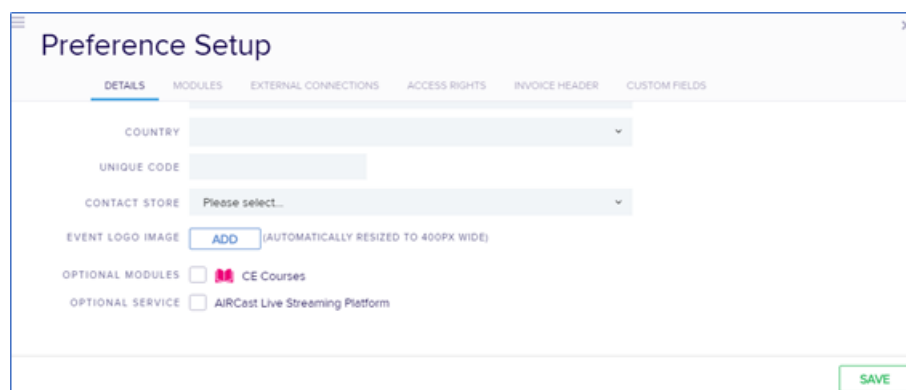
The Advantages of AIRCast

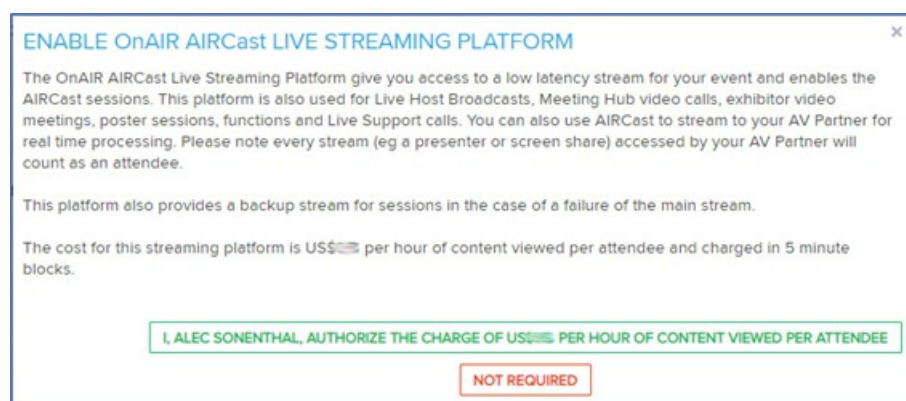AIRCast offers several advantages to users of OnAIR as compared to using other streaming options:

- **Integrated in OnAIR** – simply select AIRCast in EventsAIR's Event Preferences page for your event. No external licenses are required, and once selected, AIRCast Studio is available for all OnAIR functionality (a YouTube or Vimeo account is still needed to house your recorded videos).
- **No Attendee Limitations** – unlike Zoom or GotoWebinar, you can have as many participants as you require; AIRCast simply scales up as needed, and this applies to unlimited concurrent session as well.
- **Automatic Monthly Billing** – once selected, you are ready to use OnAIR for all your virtual content. You will be billed at the end of each month ONLY for actual use, based on actual viewed streams. Your bill will be broken down by event.
- **Eliminates the Need for Other Streaming Services** – If you use AIRCast, you do not need to license other streaming platforms such as Zoom, GoToWebinar, Twilio, BrightCove or Vonage.

Enabling AIRCast in EventsAIR

AIRCast is enabled in EventsAIR on an event by event basis. Simply open your Event Preferences panel in EventsAIR setup and select the AIRCast Live Streaming Platform.

Once you agree to the purchase of AIRCast, the service is enabled across all your OnAIR functionality.

AIRCast Options when Creating Sessions

Although AIRCast is used for several live streaming options in OnAIR, a primary use is to deliver session content in near real time. AIRCast can be used in three different ways within your OnAIR sessions:

- **AIRCast Studio** – this flexible and powerful presentation environment lets you coordinate, manage and stream content from your presenters, guests, and attendees directly to your virtual attendees. There are many features and capabilities to AIRCast Studio that are covered later in this white paper.
- **External RTMP Live Feed** – this functionality lets external venues or production companies stream their professionally mixed and produced content through AIRCast and directly into OnAIR.
- **Zoom Meetings Streamed through AIRCast** – this option lets you use Zoom Meetings as the source of your presentation, and you stream your session from Zoom through AIRCast. This streaming option lets you use the least expensive Zoom Meetings license and avoids the need to obtain Zoom Webinar licenses that rise in cost with the number of participants included in the license.