iGame Media

Revolutionising Live Streaming:
iGameMedia's **ONE**OTT Application Unleashed

ONEOTT Overview

The Big Picture

iGameMedia's ONEOTT application is a video streaming service which combines direct feeds from sporting rights holders worldwide powered by InPlay IPTV into a centralised web platform delivering high definition, ultra-low-latency live streaming services.

- We have replaced every piece of hardware in our global estate – including overhauling and rebuilding our global video network. Our existing 650kb ultra-low-latency video is now matched with a high quality 3mb 720p sub-second latency alternative for those who require greater detail whilst trading or monitoring live events.

- The **ONE**OTT application gives users the ability to watch up to four streams simultaneously in various ultra-low-latency formats. With over 70,000 Live events streamed annually, this is the world's most powerful and comprehensive streaming solution.

- Our High-resolution video-on-demand (VOD) service allows users to watch historical events for video analysis, settlement validation and download video recordings for local storage purposes.

- Our master control room (MCR) team provides on-site support 24 hours a day, 365 days a year, with built in redundancy measures to safeguard against electrical failure or internet outages, ensuring the service never drops.

Any browser, any location

Our new ONEOTT application is purely web-based meaning it's accessible by most common internet browsers, with the best performance being observed on Chrome.

Extensive new security features give clients administrative control over their users and allow them to control individual device permissions. Trading managers can now assign licences to traders and maintain control over their access, as well as ensuring that their access is not shared.

Rest assured, our **ONE**OTT application provides unparalleled flexibility to users, whether they are working in the office, at home, or even on the beach!

Access Security Assurance

Our **ONE**OTT application is designed to ensure maximum control to authorised users offering of clients 2 defined methods that safeguards their access security, including device restriction configurations to prevent misuse.

Method 1

Applied through a licensed user approach that links individual users to their MAC address of their chosen machine with a valid username and password. Access is 100% controlled by the client to create their users and assign respective accounts.

Method 2

We have created the ability to link **ONE**OTT to our clients' Office 365 Azure active directory, allowing for further security privileges against single sign on authentication, all achieved through domain whitelisting, and removes the administrative needs to manage users, passwords, and access.
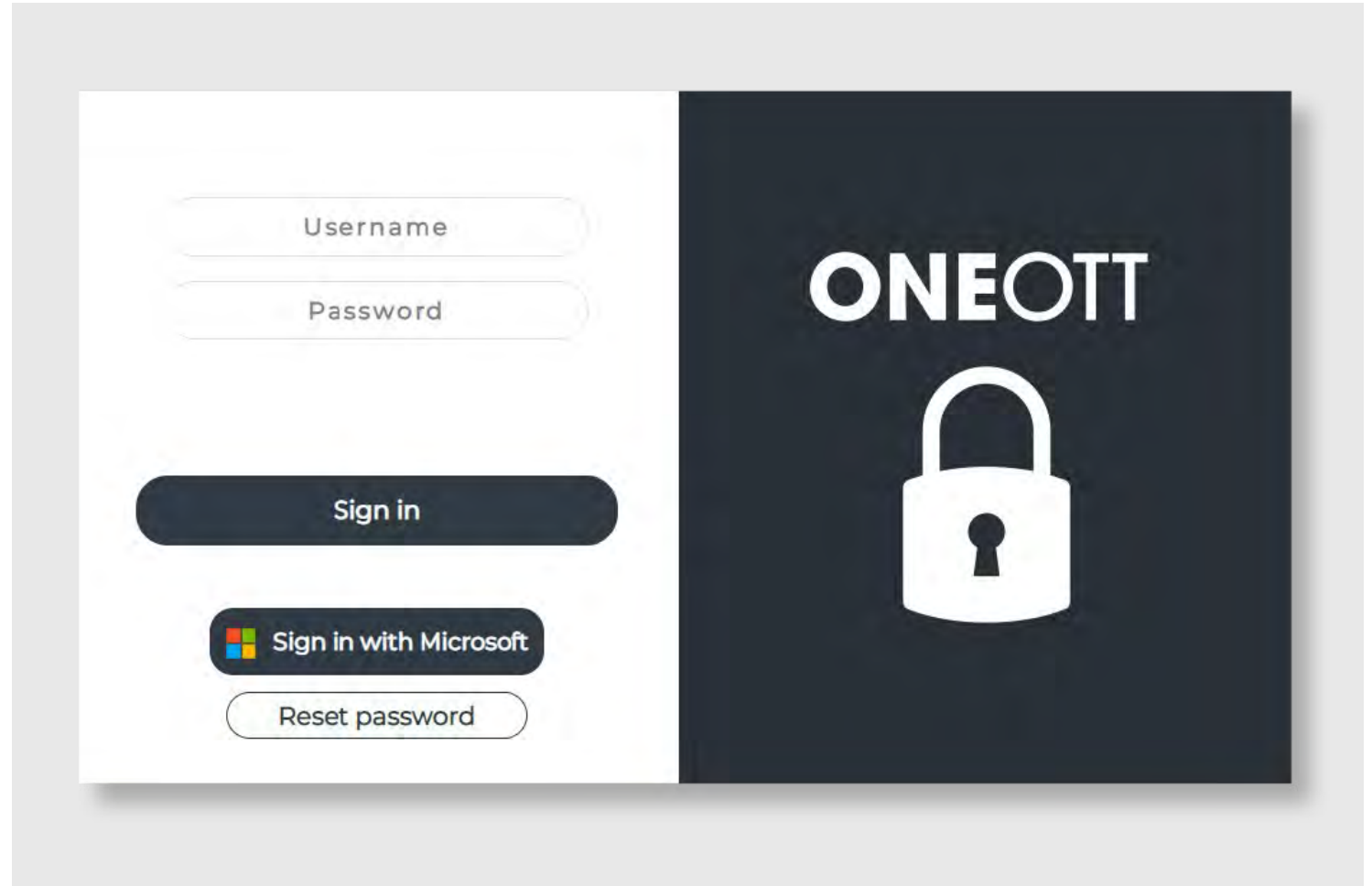
SAML Integration

iGameMedia has implemented an enhanced and highly secure authentication service that introduces an advanced approach.

With this method, administrators can create user accounts that are linked to specific device MAC addresses, effectively preventing login sharing. Additionally, administrators have the ability to easily remove users from the system when they leave the company or no longer require access.

However, managing these user accounts and their associated permissions can be a complex task. To streamline this process, iGameMedia has developed an integration of the new authentication method using SAML (Security Assertion Markup Language). This integration allows for user authentication through active directory, simplifying the authentication process and enhancing overall security.

The user profile page has three different options in the sidebar:

- **Information:** Manage user notification preferences

- **Reset Password:** Allows a user to reset/change their password

- **Device Management:** View and edit device permissions set by the administrator

Live Streaming Formats

Live streaming has revolutionised the way we consume and interact with online content, enabling real-time delivery. HD Live and SD Live are two common variations of live streaming formats that cater to different video quality requirements.

HD Live

HD Live is a 3mb stream delivered with sub-second latency in 720p high-definition resolution. This is the highest definition feed we offer and gives users the ability to view the stream in the highest possible quality without sacrificing speed.

SD Live

SD Live is a 650kb stream delivered with sub-second latency in 576p resolution. This format gives users the ability to view a good quality stream, while maintaining relatively low data usage.

Live Review

Review is a 3mb stream delivered in 720p high-definition resolution via HLS. Users have the ability to:

- Rewind the stream to any timestamp
- Rewind and fast forward by a set number of seconds (2, 7 or 30)
- Set the video into rewind mode
- Move the video frame by frame
- Alter the playback speed of the video from 0.1x up to 8x

01:53:50:19   01:53:51:00   01:53:51:10   01:53:51:20   01:53:52:00

Comprehensive Video Archive

iGame offers clients the ability to download recorded content in high-resolution that delivers outright video clarity and performance, suitable for any archiving & video editing needs.

TV Gantry
Display Solution

iGame offers the ability to Host, transcode and render Client's acquired content from their own set top box subscriptions, delivered in ultra-high resolution (8Mbps/ H264) with assured latency up to 700ms.

Our solution streamlines the content viewing process through the **ONE**OTT application, allowing full control of the channel access by using our intuitive remote-control interface, allowing Clients to stream content within their office & tv wall displays.

# Custom iGameMedia Raspberry Pi

iGameMedia proposes the utilisation of a customised Rasberry PI device that is specifically designed to receive the chosen multicast network video traffic. This traffic is pushed to the device based on the user's selection within the **ONEOTT** application.


ONEOTT CUSTOM RASPBERRY PI
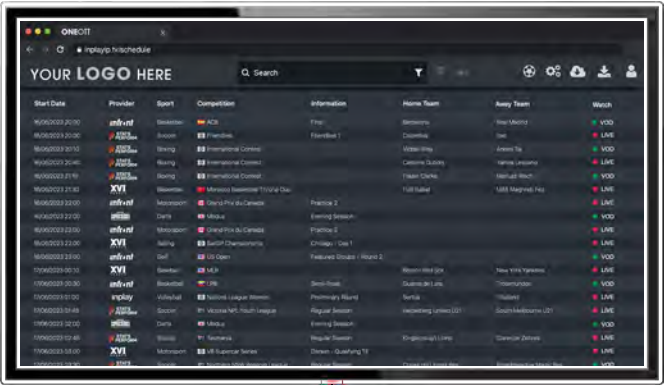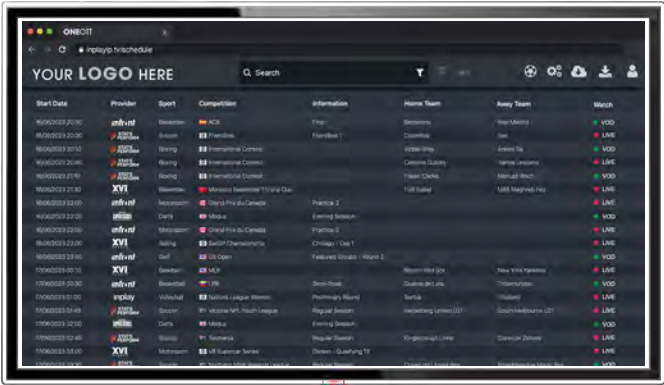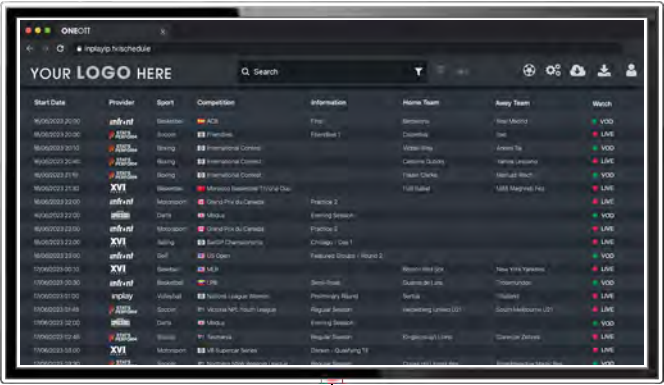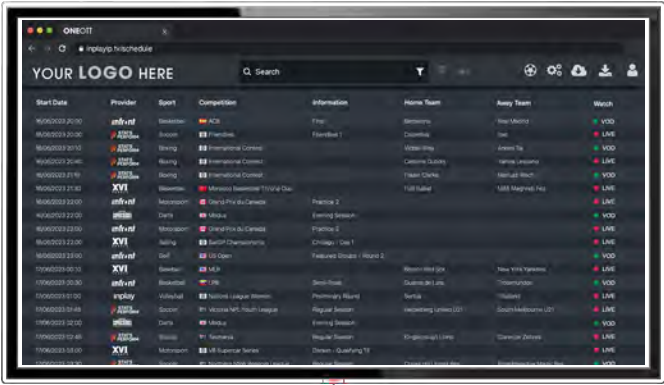
Full Event Schedule Integration

Our full schedule of events is available to download in your preferred format (PDF/CSV/XML/JSON) to assist with schedule integration.

iGameMedia | **ONE**OTT Overview

Real-time Reporting

iGameMedia now provides the ability to view real-time usage activity across the platform, delivering statistical analysis allowing for detailed assessment, usage trends, content consumption, rendering formats, viewing durations, country locations and league consumption activity.

By capturing individual user data, our reporting system ensures that we collect specific metrics related to our clients and their trading choices.

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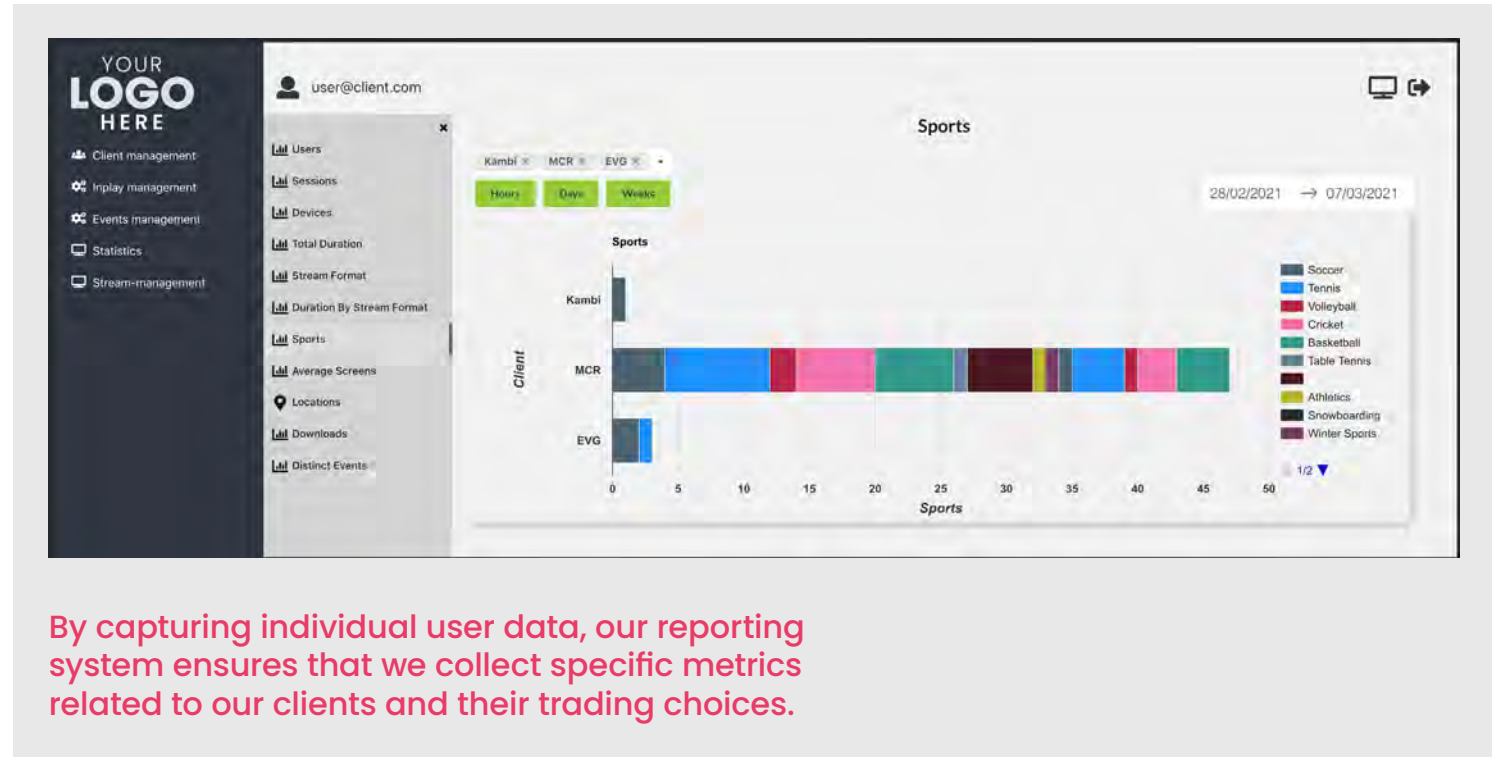
Contact us

Join iGameMedia today and revolutionise your sports streaming experience!

With direct feeds from global sporting rights holders, ultra-low-latency live streaming, and the ability to watch multiple streams simultaneously, **ONE**OTT delivers an unrivaled streaming experience.

Contact us now to stay at the forefront of innovation and elevate your operations with our cutting-edge solutions.

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Media

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