The Welsh Government Required a Remote, Updatable Solution from Amino

Project Overview

The Welsh Government needed to replace their legacy IPTV and digital signage system. Their main criteria were finding an easily updatable, remotely manageable solution to their requirement for streaming national TV news services alongside their signage application but with minimal on-premises hardware. The project was being led by a consulting firm which was advising the Welsh Government and acting as the primary System Integrator. They approached Amino based on recommendations and knowledge of Amino's suitable devices and huge depth of knowledge of video and IPTV.

Project Requirements

1
Replace legacy IPTV and digital signage system with an easily updatable, remotely manageable solution for streaming national TV news services.

2
Minimize on-premises hardware and eliminate the need for satellite dishes, antennae and specialist broadcast receivers.

3
Reduce capital expenditure and maintenance costs while removing the need for specialist broadcast equipment knowledge.

4
Enable cloud-based management of all devices and content with remote diagnostics capabilities.

Amino's Solution

The H200 media-player was able to deliver both the signage requirements and IPTV decoding on the same platform and was an obvious choice as a client device.

Amino suggested reducing on-premises components to simply use the H200 media-player with all other components hosted in cloud, sourcing content from the cloud and streaming unicast services over the IP network.

Management of the media players would be moved to the cloud using the Amino Orchestrate platform, allowing remote management of all aspects of software deployment, configuration, remote diagnostics and the ability to view what is on the screen of each media player.

Amino introduced Stream Republic, a leading supplier of managed media services, to provide content acquisition and delivery using their existing downlink and transcoding platform for unicast IP delivery using HLS and DASH.

Key Benefits

The Welsh Government achieved significant operational and financial improvements:

1 Significant capex savings compared to previous system.

2 Significant opex savings with simplified on-premises equipment.

3 Higher quality video experience through OTT delivery.

4 Cloud-based management of all devices and content with zero-touch simplicity.

5 Future-proof, scalable and flexible solution.

6 Control over content and infrastructure with effortless ability to update, manage and troubleshoot.

Customer Testimonial

"Using Amino has provided a clear and simple solution to replace our legacy system. Orchestrate enabled a remarkably simple, zero-touch deployment and an easy way to manage, update and resolve issues moving forward. The combination of cloud-based signage and OTT IPTV is the future – it provides a scalable, flexible structure that is easy to manage."

Welsh Government Representative

Key Highlights

The deployment was unique for swapping out an incumbent vendor: Amino met government security requirements and combined IPTV with cloud digital signage on one platform. The Stream Republic downlink and video delivery platform was an important enabler and facilitated the removal of broadcast receivers from the local deployment. Amino's unique Orchestrate platform proved the decisive factor, outshining rival solutions with its unparalleled integration and cloud-based agility.

Zero-Touch Deployment

Orchestrate enabled remarkably simple, zero-touch deployment with complete remote control over content and infrastructure from anywhere.

Consolidated Services

Single platform consolidates digital signage and OTT IPTV delivery into one seamless solution, eliminating legacy complexities.

Future-Proof Blueprint

This pioneering implementation provides an exciting blueprint for modernization that should inspire other similar organizations to follow suit.

Conclusion

The Welsh Government has modernized its video services through Amino's converged hardware and software platform. This deployment highlights the flexibility and remote management capabilities that allow customers to consolidate services while futureproofing their investment. The combination of Amino's H200 devices, Orchestrate management platform and Stream Republic's content delivery has created a scalable, flexible structure that eliminates the need for on-premises broadcast equipment and provides unrivalled cost efficiency for similar government organizations.

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