In today’s complex and fast-paced broadcasting environment, efficiency and reliability are key to content processing. That’s why at Arqiva we put resilient broadcast infrastructure and technical expertise at the heart of our VOD services, based at our Chalfont Grove Media Centre. Highlights include:

- Fully redundant network architecture
- Climate control and fire suppression
- Diverse (A & B) power supplies, complemented by full UPS and generator systems

Arqiva’s VOD processing platform has been designed to efficiently and continuously handle significant amounts of content, as well as provide bulk processing for on-boarding libraries of content or reversioning for use on new platforms, with delivery reports and statistics for all file movements.

S.A.M. Momentum is at the core of our solution, ensuring we can streamline linear and non-linear workflows using both private and public cloud transcoding capabilities. We have also ensured that our VOD processing platform provides the scalability to meet market demands, and provisions configurable workflow templates to orchestrate the movement and manipulation of media, as well as catering for custom components as required.

To find out more about VOD Processing contact Arqiva on +44 (0)845 650 4020 or email: sales@arqiva.com

VOD Processing
Arqiva’s approach to delivering cost effective VOD processing services

Overview
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Solution life cycle

Key benefits

- **Scalability** – support for high throughput of content with numerous endpoints
- **Industrialisation** – highly automated workflows, ensuring speed and efficiency
- **Supportability** – underpinned by a reliable manufacturer
- **Speed of deployment** – fast and decisive launch of new platforms
- **Transparency** – clear business intelligence and analytics around media handling and delivery

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VOD content processing – features and functionality overview

The product functionality is split into three areas:

1. **Core functionality** – standardised and highly automated processes, with clear workflow parameters.
2. **Optional functionality** – fully defined and tested addition to core functionality for more complex platforms.
3. **Bespoke functionality** – allows for operational design for bespoke systems, where manual intervention or oversight may be required.

Key highlights

- Highly automated workflows including stitching of opening and closing ‘bumpers’ within the transcode
- Ability to handle selected audio or multiple audio tracks
- Suited for individual DVB, multiple DVB and teletext subtitles
- Adapted for an extensive range of video formats, wrappers and metadata
- Comprehensive support for metadata schemas, including those that are unique to customers
- Managing and delivery of supporting components (e.g. poster frames)
- Accepting STL and PAC source subtitles
- Both push and pull approaches for asset transportation supported

Current platforms

We are integrated with 50+ platforms, including Sky, Virgin, MultiChoice and Canal, as well as YouTube, Facebook and Amazon.

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About Arqiva

Arqiva, the communications infrastructure and media services company, operates at the heart of the broadcast, satellite and mobile communications markets. The company is at the forefront of network solutions and services in the digital world. Arqiva provides much of the infrastructure behind television, radio, satellite and wireless communications in the UK and has a significant presence in Ireland, mainland Europe and the USA. Customers include major broadcasters such as the BBC, ITV, BSkyB and the independent radio groups, major telco providers including the UK’s four mobile network operators, and the emergency services.

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