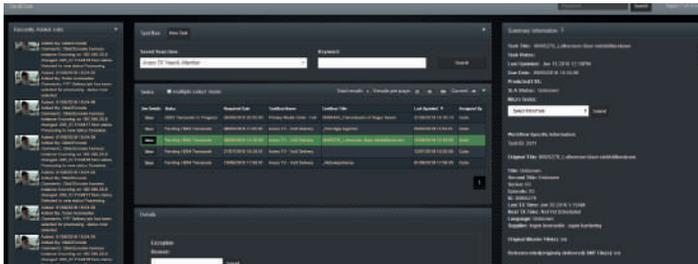Cubix supports the use of Flexicarts for helping automate the process of digitisation for Digibeta style formats. Any number of Flexicarts can be directly controlled by Cubix, using then Telestream Pipeline devices for capture to a wide range of formats including ProRes, IMX, DVCPro, AVCIntra, Uncompressed and more. All ingest is frame accurate, and Cubix monitors all channel conditions and stores this metadata alongside the asset. Decisions can then be configured within the workflow based on this metadata to drive any escalations or additional QC tasks.

Cubix supports 3 main methods of capture - timecode based (where both in and out points are specified), in point (where the capture continues until loss of video / timecode for a configurable period), and crash capture (where the tape is rewound to the head, an captured until the loss of video / timecode for a configurable period) - or the end of the tape is reached.

Ortana Media Group are able to provide refurbished Flexicarts, with a brand new custom build firmware on them – allowing the Flexicarts to support the very latest Sony HDCAM-SRW decks. Between 1 and 4 VTRs can be implemented per robot – allowing for an average ingest rate of 18-20 hours per day per VTR for mid to long form content.

Operators can easily monitor live what the current state of the system is via the Taskflow system – whilst then UIs such as the Bulk Ingest Manager show live what load and remove lists are required,what's currently being ingested and more.

Taskflows can be built to start right from the tape dispatch area - where barcodes can be printed on demand and attached to tapes. They can then be tracked through the process of movement into the ingest area, preperation (if required) and ingest. However, Cubix does not stop there...

The workflow can then continue through any of the many vendors that we have supported for activities such as file based QC, transcoding and delivery / archive. Frame accurate reporting can be provided on precisely what content was captured and delivered - allowing for very simple billing processes even on the most complex workflows.
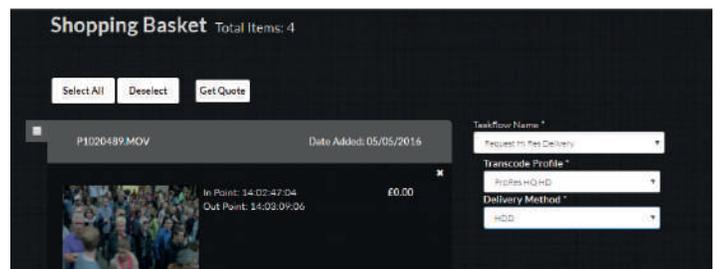
Proxies can be generated using the open source transcode engine - including devaluations such as BITC, logos, IDs and more.
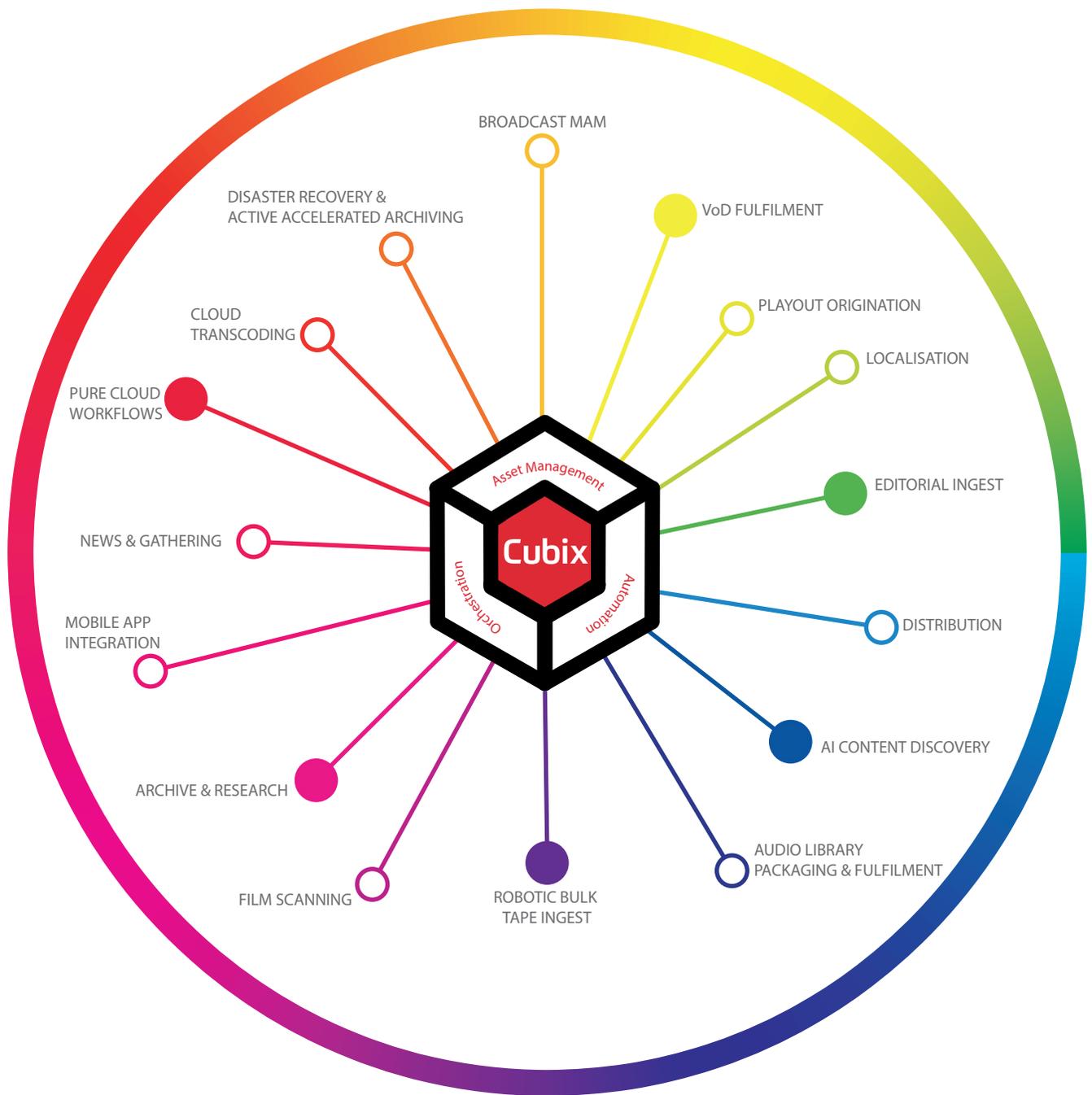

Cubix is integrated with several HSMs as well as LTO / ODA solutions natively, where content which is captured can then be delivered to archives and managed for onward review and restore. Cubix also natively supports many different cloud storage solutions - such as Backblaze B2 and Amazon Glacier for cost effective storage in the cloud.

Taskflows can then be configured to have content reviewed by operators or clients, and require further metadata to be entered. Upon the entry of this data - the content can then be "tagged" into the hierarchy - allowing it to then appear in any associated portals or APIs for clients and downstream systems to utilise.

Cubix portals are designed for different purposes - such as reviewing and maintaining archives, brand management, or monetisation. All portals allow for content to be selected frame accurately into bins, before then being placed into a basket for processing. Any taskflow can be configured as a selectable option from the basket - allowing portals to be used for almost any workflow requirement, or in another words giving you the upmost flexibility.

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