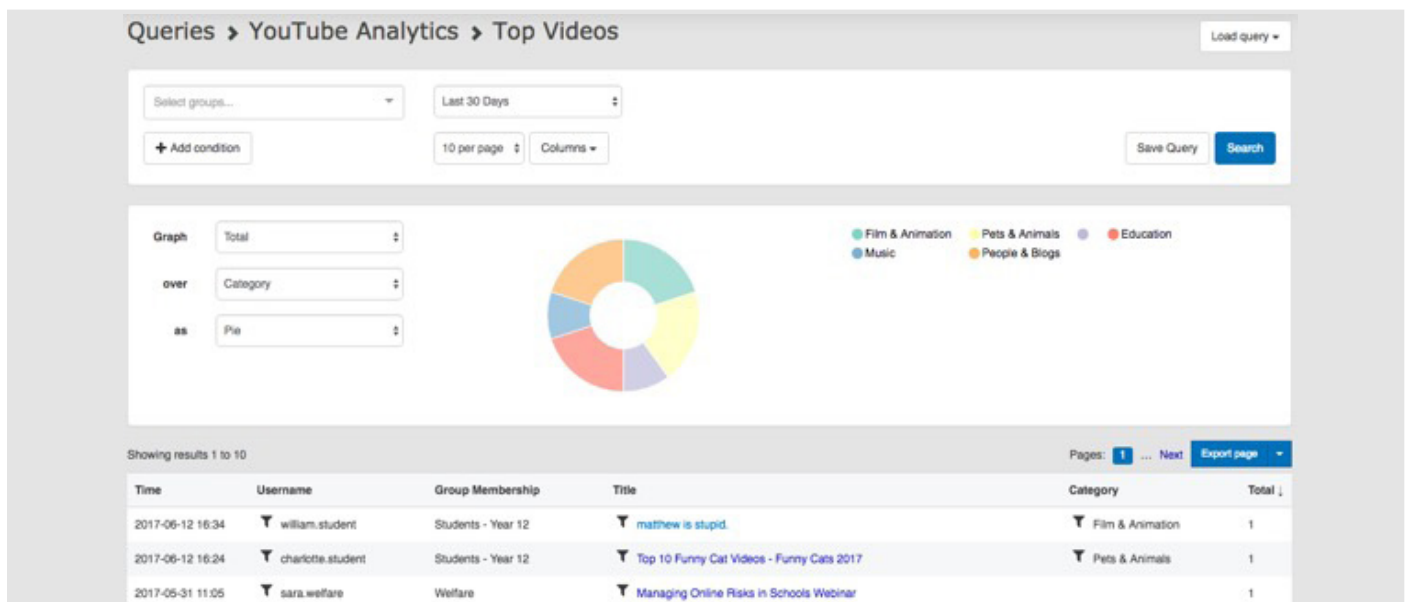# CYBERHOUND YOUTUBE ANALYTICS

PROVIDING GRANULAR VISIBILITY AND FLEXIBLE CONTROLS

CyberHound's YouTube Analytics is an extension of the XGEN Reporting platform. It provides detailed individual analysis of YouTube use by students. School staff can drill down on YouTube usage to identify the actual videos watched by title. Staff can use the 'click through' capabilities to visit any specific video a student has viewed and the category classification.

Rich data is available such as top users, top videos and data usage to ascertain possible future bandwidth or behavioural risks. YouTube analytics data can be added to scheduled reports for delivery to key staff for review.

School staff can use the real-time reporting to ensure YouTube is being used appropriately within the school. With the granularity of the analytics provided, school staff can reliably manage digital video content and its use within the school.

YouTube Analytics offers the following benefits:

- Real-time visibility by student
- Analytics showing each video accessed
- Category of video
- Reporting of any inappropriate videos
- Ease of managing student behaviour

- Drill-down reporting
- Video trend analysis
- Ease of reporting customisation
- Scheduling of reports
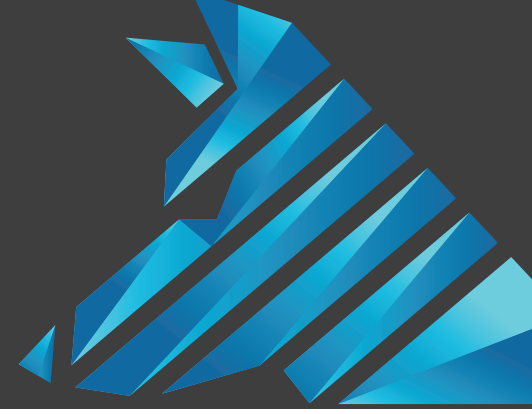- Accessible within the LiveZone portal

> *Thanks for a great product and just as importantly being a great company and partner in protecting our staff and students since 2012.*
>
> James Tuson, **John Septimus Roe Anglican Community School**

CYBERHOUND YOUTUBE CACHE

YouTube Cache for Schools

CyberHound's Caching Services have been designed to optimise performance through the hardware technology in use and the design of the software architecture.

The summary table below shows how the various caching services are optimised. Importantly, the caching services are separate processes and therefore the impact of a cache for YouTube or iOS update content does not impact overall web caching performance. This is a critical differentiator in school environments.

The following features ensure the CyberHound Caching Services are the best in the industry and are most suited to the requirements of schools:

- Each cache is a separate process – Web, Large Objects (e.g. iOS updates) and YouTube

- Separate high performance storage services ensure the optimal performance for each service and zero performance contamination from other services

- The solution supports over 265 different file formats, ensuring it really does deliver value to schools

- The solution also supports multiple browsers and any device to ensure all users receive the benefit and don't create an unexpected burden on the network

- The Immediate Pre-caching Service delivers benefits to other users within the first seconds of a video being viewed

- A full reporting platform ensures administrators and executives can see the results from the Caching service

HIGH PERFORMANCE ARCHITECTURE DESIGN			
	RAM	**SYSTEM DRIVE**	**DEDICATED CACHE DRIVE**
WEB PROXY	Default CyberHound deployment for optimum performance	Rarely used and not best practice *(available if required)*	Not used
CONTENT ACCELERATION PROXY	Not used	Default CyberHound deployment	Available for Large Object Cache storage *(when installed)*
YOUTUBE CACHE PROXY	Not used	Not used	Essential for YouTube Cache for high performance

> *In one day we served 1.65TB of data from the CyberHound Cache – this gave massive benefits for the school – a great product.*
>
> **James Andrewartha, Christ Church Grammar School**

CYBERHOUND

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