



# Case Study

## Digital Media

### Video Hosting and Streaming: **Ngee Ann Polytechnic**

#### Overview

Ngee Ann Polytechnic (NP), together with EVVO, worked together to design an online video portal that allows different schools and departments within the polytechnic to have their own video library and lets the institutions/departments to manage their digital content.

The scope of work encompasses;

1. VHSP portal development (With LDAP integration)
2. Storage as a service (Hosting)
3. Content Delivery Network (CDN) Link Up

The portal was designed to function as digital video content management, which allow and encourage lecturers and students to easily upload and share videos showcasing stories and concepts, within a safe and secure environment.

All contents or data were requested to be stored at a secured hosting environment with all security measures be in place, plus the client demanded an enhanced streaming features that allow mass upload of video contents in a fast and efficient manner.

## Solution

Each school/department using the VHSP was given access to the system via LDAP; the resource allocated for said entities were pre-assigned to ensure that the resources are kept within control of the Polytechnics. NP were also granted with privilege to increase the allocation of resources if the headcount increases. Once both parties had decided on all aspects, EVVO commenced the design and development work, such as:

1. EVVO UI designer provisioned final site design, approved by NP department heads.
2. EVVO Security team proposed security setup on infrastructure and cloud solution for hosting and streaming facilities
3. EVVO development team worked on the streaming features and requirements according to NP's needs and requirements, Which includes incorporating CDN services for a speedy and safe delivery of content.

The project was completed and commissioned successfully as per the stipulated schedule.

# Snapshots of Video Streaming



## Featured Videos



## Recent Uploads

