

### Carmel Alison Lam Foundation Secondary School: Develop Healthy Network Environment via Internet Access Management System



Carmel Alison Lam Foundation Secondary School, which is a Christian school, founded in 1982. The school has been student-oriented. Over the years, it has emphasizing moral education, encouraging students to make determined efforts to the study and focusing on spiritual education in order to cultivating their students to be the pillars of the society in the future.

#### Challenge

With the rapid development of information technology in local educational field, the internet world has become an indispensable learning platform for students. Students can learn a wide range of knowledge and share the knowledge to each other on the online platform. However, for students, the digital world has a lot of temptations. All kinds of online entertainments gradually occupy their time of learning. They may sometimes use the campus network browsing unhealthy websites, chatting with net friends and watching online videos, which are not only the waste of the campus network resources, but also an obstruction for their learning.

Mr. Chow, IT teacher from Carmel Alison Lam Foundation Secondary School said the school had using proxy server and firewall to filter websites and block online entertainment applications in the past. However, this old monitoring tool could only achieve basic control functions and was even difficult to setup. Students easily broke the defenses of the school network to do some online activities irrelevant to education. Take MSN as an example, the old tool could only blockade the MSN software program, but it could not be further control if the students use the web version of the MSN. In view of this, the school needs a complete networking monitoring system to eliminate the existing loopholes.

#### Solution

According to this case, ICT Technologies & Services Limited suggested SINFOR Internet Access Management System (IAM) M5100-AC to the school in attempt to help them implement a comprehensive and in-depth management platform to control students' online behaviors.



## Internet Access Management System (IAM)

### Advantages

- Blocking Unhealthy Websites
- Restricting Online Entertainments
- Controlling Bandwidth Distribution
- Protecting School Network



Internet Access Management System (IAM)  
M5100-AC

## ICT Technologies & Services Limited

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After detailed testing and evaluation, the school believes this system is able to resolve the current problems of using proxy and firewall for network monitoring issues. Indeed, over thousands of students are monitored under the system when they access to the campus network. It assists the school in blocking pornographic websites and restricting online entertainments (such as MSN, YouTube and online game, etc.), but also providing a detailed analysis of the online behavior, which develops a comprehensive and user-friendly management platform for network monitoring.

### Benefit

The advantages brought from IAM are obvious. Mr. Chow illustrates that, in the past, they had to do complex settings in the Linux-based proxy server or firewall if they would like to make a simple web filtering; but they can now simply login to the system website for setting by web browser, which is fast and convenient. It can be easily taken over the management even when there is turnover of technicians.

Mr. Chow further points out that the proxy servers and firewalls were not able to export a statistic report of the online behavior. The school did not know which websites the students browsed and what they did online. Some students might improperly use the network resources. After deploying IAM, the system comprehensively record all online behavior no matter in different groups or time. It greatly helps school understand the online trends of the students and make appropriate counseling based on individual cases.

The system can not only filter the undesirable content from the internet, but also serve as a deterrent to the students. Mr. Chow say, after the school announced the implementation of IAM to the students, they become self-disciplined as they know every move of their online behaviors will be recorded. They will not engage in the online activities irrelevant to education anymore and use the network resources appropriately.

### Conclusion

IAM system creates a safe and healthy network environment, which effectively reinforces the management of campus network, regulates students' office behaviors and enhances learning efficiency.



Mr. Chow, IT teacher from Carmel Alison Lam Foundation Secondary School elaborates the advantages of IAM system.