

Prival helps Cegep of Saint-Hyacinthe to redefine their network infrastructure to make it more efficient and secure

SOMMAIRE

Institution

The Cegep of Saint-Hyacinthe offers three programs of pre-university sector and fifteen programs in the technology sector. Equipped with 23 computer laboratories including three computer aided drawing, a multimedia lab, a language lab, wireless Internet access, etc. The institution offers the best in technology to its some 6 000 students.

Issues

The Cegep of Saint-Hyacinthe has grown significantly and rapidly over recent years which generated a loss of control in the adjustment of its network infrastructure and upgrade of its computer equipments.

Solution

Following a thorough analysis of facilities and systems in place, Prival proposed a restructuring plan that is more effective and responsive to the current needs of the college. In addition to replacing obsolete equipments with modern and efficient equipments, Prival team also conducted a major upgrade of the logical and virtual infrastructure.

Results

The establishment of this efficient structure allows the College:

- to have a better control of its network
- to isolate each class at a time and for any desired period (exam period)
- blocking a particular Internet application such as online games to conserve bandwidth for applications of greater importance.

«With the help of Prival, the infrastructure of our network is not only effective and safe but is also designed to fit the future needs of our institution. .»

Stéphane Pincince,
Coordinator of Information Resources



**CÉGEP DE
SAINT-HYACINTHE**

SITUATION

The inscriptions of the Cegep of Saint-Hyacinthe have skyrocketed in recent years. They have grown from 2 950 students in 2007 to 3 500 in 2009. To meet this growing demand and remain on the cutting edge of technology, purchase of computer equipment has been carried out gradually as the need arises, without planning the efficiency and safety of the system architecture. Moreover, as the documentation on the network infrastructure had been neglected, it became increasingly difficult to effectively diagnose problems.

SOLUTION

Previously mandated to install a wireless Internet access, Prival was well positioned to observe the aging infrastructure's state of the Cegep of Saint-Hyacinthe. Following the inventory and analysis of existing facilities, Prival submitted a restructuring plan of the logical, virtual and physical infrastructure including replacing some outdated equipments by *Foundry / Brocade* network and wireless devices, setting establishment of a new firewall *Fortinet* and a bandwidth manager *Packet shaper*. In addition, Prival's team performed the implantation of this new effective and reliable structure to minimize the impact on the availability of services for users.

RESULTS

The establishment of this secure and reliable structure now allows manager of college to isolate each class in the network. It is now possible to cut off Internet access to a particular local and for a specific period such as exam period for example. In addition, the new infrastructure will block certain Internet applications such as online games, keeping the bandwidth available for applications of greater importance.

About Prival

Prival specializes in the development of business solutions for IT environments, and in telecommunications. Prival enables their clients to improve the performance of their IT infrastructure, particularly when using PrivalEyes, a suite of network management tools.

To know more about Prival, visit our Web site
www.prival.ca