ABSTRACT

Printer have an important role on printing documents. In a network domain, printer is a resource which could be shared among users. Since printer is a limited resource and need cost to operate, a control mechanism is needed to make the usage of the print device become more efficient. A software is needed to implement this control mechanism over a network domain.

This final task build a system in the form of printer quota management software which has the functionality to control the usage of the printer in a network, especially local network (LAN). The printer control is done by giving print quota, based on the number of pages that a user can print on a certain periode. This quota is given to every user that has become a member of a domain. To control the printer, the software use informations obtained from the Windows Active Directory.

By using informations from the Active Directory and by using ADSI as the interface between the software and Active Directory, the software is capable to control printing activities of every user and stop or reject the printing process if the user quota is not adequate.

Keyword : Active Directory, print quota, ADSI, domain