

dpSingleStep
StudentConnect
FROM
digiploy™
SOFTWARE



Hamilton College

"For the past two years **Hamilton College** has been working with **digiploy™** on developing a custom-built application to automate how our students connect to the campus network each Fall. Prior to working with **digiploy™** our process for connecting students to the network was very labor intensive (over 25 students and 5 full-time employees worked very long hours assisting students individually each Fall).

What was needed was an automated method for getting students connected to our network, but we did not have the knowledge or staffing available to develop and manage the process for automating this work.

The people at **digiploy™** are a tremendous partner of **Hamilton's** in helping us develop our custom automated network installation application. **digiploy™** engineers and project managers listen to our issues, research alternatives for us, address each of our needs, planned each phase of development, and perform all of the application programming and testing for us.

Using **digiploy™** to help us develop our automated network installation application has saved us a great deal of staff and support time, provided **Hamilton** students with an easy-to-use application, and provided our ITS department with a team of experts we can rely on each year to support us in this process which is critical to our start of semester activities. We greatly appreciate all of the work **digiploy™** has done with us and highly recommend other companies and organizations work with them on their application needs."

Mr. Joe Karam
Director, Network and Telecommunications Services
Hamilton College



digiploy's Solution

The manual steps (approximately 23) required for User registration *prior to the implementation of digiploy's solution.*

The steps involved joining a computer to domain on XP/2000

- Open the *System* properties window.
- Click the *Network Identification* tab.
- Click the *Network ID* button to open the Network identification wizard.
- Go through approximately five (5) User Interface screens where the User has to enter the required information to join the computer to domain. For ex (Account username and password which is authorized to add the computer to domain, computer name, domain name to join etc...)
- Add the user to Administrators group to have full access.
- Restart the machine for the changes to take effect.

The steps to copy/move the profile manually

- Login as domain user account.
- Open the **System** properties window.
- Click the **User Profiles** tab, this displays all the profiles stored on the computer.
- Select the user profile to copy and click **Copy To** button to copy the complete profile. (No choice given to select/deselect folders within the profile)

The steps to configuring network interface card

- Open the **Networking and Internet Connections**.
- To configure NIC card right click on the connection to configure and select **Properties**.
- Enable the Connection if disabled.
- To configure for DHCP select the options
 - Obtain an IP address automatically.
 - Obtain DNS server address automatically.

The final steps required to finish the registration process

- Installing the service packs and additional software.
- Configure the time service on the local system to sync with the domain controller time server and set Internet Explorer home page.
- Configure Automatic Updates.
- Configure user for Eudora to send/receive e-mail.



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digiploy's Automated Solution

- The installer is designed for minimum user interaction.
- Configures the system to auto login after restart, and disables when no longer required.
- LAN card is enabled (if disabled).
- It is configured for DHCP (Dynamic Host Configuration Protocol).
 - DHCP frees network administrators from having to configure all of the computers manually.
- Enable internet connection firewall to provide internet security for computer.
- Changes Users computer name and joins to Institutions domain/workgroup.
- Add the user to administrators group.
- Move the selected User Profile. The User is given an option to select/deselect the folders to move.
- Programmatically turns off the option if the current logged in User Profile is set to Private.
- Configure the time service on the local system to sync with the Domain Controller time server.
- Sets the Internet Explorer home page to that of the Institution.
- Configure automatic updates to receive Windows updates.
- Configure User for Eudora to send/receive e-mail.

Why should Institutions use this solution?

- Configure and automate the process of joining students and their computers to access the campus network.
- Administrators are freed of the manual process configuring each and every student's computer to access the campus network and installing additional software.
- If any additional software is required to be installed before/after joining a student to the campus network it is automatically setup by the installer.

Members of CLAC qualify for a 20% educational discount off of our standard rates, when they do business with digiploy!

Please contact us for a no cost, no obligation assessment of your requirements and a free project plan.

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