

August 2, 2005

<b>DIRECTIVE:</b> JOB CORPS PROGRAM INSTRUCTION NO. 05-02
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**TO:**                    ALL JOB CORPS NATIONAL OFFICE STAFF  
                          ALL JOB CORPS REGIONAL DIRECTORS  
                          ALL JOB CORPS CENTER DIRECTORS  
                          ALL JOB CORPS CENTER OPERATORS  
                          ALL NATIONAL TRAINING AND SUPPORT CONTRACTORS  
                          ALL OUTREACH, ADMISSIONS AND CTS CONTRACTORS

**FROM:**                GRACE A. KILBANE  
                          National Director  
                          Office of Job Corps

**SUBJECT:**            Job Corps Student Network

1.    Purpose. To inform the Job Corps community about the Job Corps Student Network (JCSN) and the proposed deployment schedule.
2.    Background. The use of computer and Web-based training for Job Corps students has expanded significantly within the past 5 years; consequently the demand for additional network access and functionality has grown. The JCSN deployment is the first phase of a multi-phased project in which Job Corps will begin to implement a network architecture that will support Job Corps student training needs through the use of information technology.

The JCSN is comprised of two major parts; a network upgrade and a server deployment. The network upgrade will involve the provisioning of two Internet T1s to every Job Corps center, the replacement of existing router hardware with two new routers capable of supporting firewall, intrusion detection, and virtual private network (VPN) processes. The network upgrade will also include the addition of a cache engine and a Polycom video conferencing unit to each location. The network upgrade is the first phase of the deployment process.

The second phase of the deployment is the provisioning of student servers for each Job Corps center. It is important to note that these servers will **NOT** reside at the Job Corps centers. The servers that are provided for each center will be a part of a centralized server farm located at Job Corps network hub location. Access to these servers will be gained through a

Citrix session. The JCSN is designed to serve as a platform for hosting training applications utilized by Job Corps centers in their academic and vocational instructional programs. Point of Contacts (POCs) at each center will have the ability to load training applications, manage their servers, and administer user accounts. In addition POCs will be able to publish applications to the users via Citrix.

The initial deployment of the JCSN will provide software licensing and hardware for 40 concurrent users at each Job Corps center. Each Job Corps center will have access to two Windows 2003 terminal servers from which they can load and publish training applications for students. The National Office of Job Corps will also provide 40 thin client devices for student access to be deployed at each Job Corps center.

3. Deployment. Deployment of the JCSN is scheduled to take place over 2 years. The first round of deployment will encompass 64 Job Corps centers with a target completion date of December 2005. The second round of deployments is schedule to begin January 2006 with a target completion of December 2006. Attachments A and B are the deployment schedules for the first 64 centers.

4. Action. Addressees are to ensure that a copy of this Instruction is distributed to the appropriate staff.

5. Expiration Date. Until superseded.

6. Inquiries. Inquiries should be directed to Gregg Colvin at (888) 886-1303 x7254 or e-mailed to [colvin.gregg@jobcorps.org](mailto:colvin.gregg@jobcorps.org) or Linda Estep at (888) 886-1303 x7212 or e-mailed to [estep.linda@jobcorps.org](mailto:estep.linda@jobcorps.org).

#### Attachments

A – Phase 1 Deployment – Schedule for Network Upgrade at 64 Centers

B – Phase 2 Deployment – Schedule for Setting Up Student Servers for 64 Centers