June 28, 2005

NETWORK & INFORMATION SYSTEMS MEMORANDUM 05-05

TO: All Texas Transportation Institute (TTI) Employees

SUBJECT: New Network Security Measures

In our continuing efforts to insure that the TTI’s networks, servers and associated data are secure and protected against unauthorized use and attacks Network & Information Systems will adopt new policies. Beginning July 1, 2005, we will implement new security measures so that workstations on the network cannot run any of the following server based applications:

- E-mail Services (IMAP, POP3, SMTP)
- File Transfer Services (SFTP, FTP, TFTP)
- Telnet Services (Telnet, SSH)
- Web Services (HTTP, HTTPS)
- Database Services (Postgresql, Mysql, Sql Server, Oracle… etc)

These security measures will not impact any of your daily routines such as checking your Outlook e-mail, browsing websites, entering data into the agency Oracle server.

In order to secure the network and ensure that servers are properly configured, no servers will be maintained on the TTI network without NIS authorization. Over the past few months NIS personnel have discovered many server based applications within the network that posed a potential security breach by exposing the network to potential malicious attacks. These possibilities pose a crucial security threat to the entire Institute and the TAMUS network.

If you have a server based application that you think should remain on the TTI network, or you would like to move your development or production application to TTI’s secured servers for hosting, please contact support@ttimail.tamu.edu.

In an effort to provide secure and reliable services for TTI and our sponsors, NIS will be solely responsible for maintaining the Institute’s servers. We will provide the necessary computing hardware/software, network and the Internet resources to allow divisions and programs to host and develop projects that will meet TTI and sponsor needs. Please refer to the Network Server Services procedures on TTINet for complete details.

If you have any questions, please contact NIS via e-mail at support@ttimail.tamu.edu or by phone at (979) 862-1417.

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