

Division's 'dragons' help with Dragons

By Sgt. 1st Class
Zachary WYNN
100th Division PA

A team of instructors from the 100th Division's (IT) 4th Chemical Battalion recently traveled to Orlando, Fla., to assist the 108th Division (IT) in training Chemical Operations Specialist MOS students.

The 4th Battalion "dragon soldiers" conducted classes to train and qualify 12-15 soldiers in the 74D Chemical MOS. The training was performed at the 108th Division's newly activated 329th Chemical Company (Recon). The 100th Division's 3rd brigade received the request for assistance



Staff Sgt. William Thigpen, center, on one knee, teaches 74D10 students how to operate the M8A1 chemical alarm system.

SGT. 1ST CLASS
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from the 108th Division, and in less than five days the 4th Chemical Battalion had assembled and deployed a team of six instructors in response to the request.

The 4th Battalion team, headed by course manager and site manager Master Sgt. Michael Stoyonovich, conducted the Phase One portion of the Chemical Specialist MOS course.

Upon completion of the Phase One training, the students traveled to Fort Leonard Wood, Mo. to complete Phase Two of training for the MOS.

"The mission was challenging, but it went well," said Stoyonovich. "The course began on time and was completed on time. The 4th Battalion Chemical is always mission ready and capable."

PKI is on the way to Division keyboards

By Capt. Jeffrey SQUYRES
Automation Support Officer

PKI is Coming!

Public Key Infrastructure (PKI) is the industry-standard system for e-mail encryption and verification. The DoD is currently fielding PKI to every unclassified e-mail user, enhancing the security of all e-mail transmissions made between military and government employees. The DoD currently has a suspense to integrate the first phases of PKI to all unclassified military e-mail by 1 Oct 2003.

PKI is most commonly associated with the Common Access Card (CAC)

– the new white military ID card. The CAC has a computer chip that contains three certificates for the card's owner. A certificate is essentially "personalized crypto" – a computer file that uniquely identifies a soldier. The certificates on the CAC to provide two important new e-mail capabilities:

Signing e-mail, encrypting e-mail

Digitally signing an e-mail is the electronic equivalent of signing your legal name to a physical document. That is: signed e-mails are legally binding documents. Most importantly, signed e-mails also provide additional guarantees over unsigned e-mails. For

example: Cpt. Bob sends a digitally signed e-mail to Cpt. Alice. Cpt. Alice is guaranteed the following three things:

- The e-mail is guaranteed to have come from Cpt. Bob
- The e-mail is guaranteed to have been sent at the time/date listed
- The e-mail message was unaltered in transit

Also, since the signed e-mail is now considered to be a legally binding document, Cpt. Bob cannot deny that he sent that e-mail. This is called non-

See PKI
on Page 26