Use of CERN's Computing Facilities

Why is security important?
What are the rules?

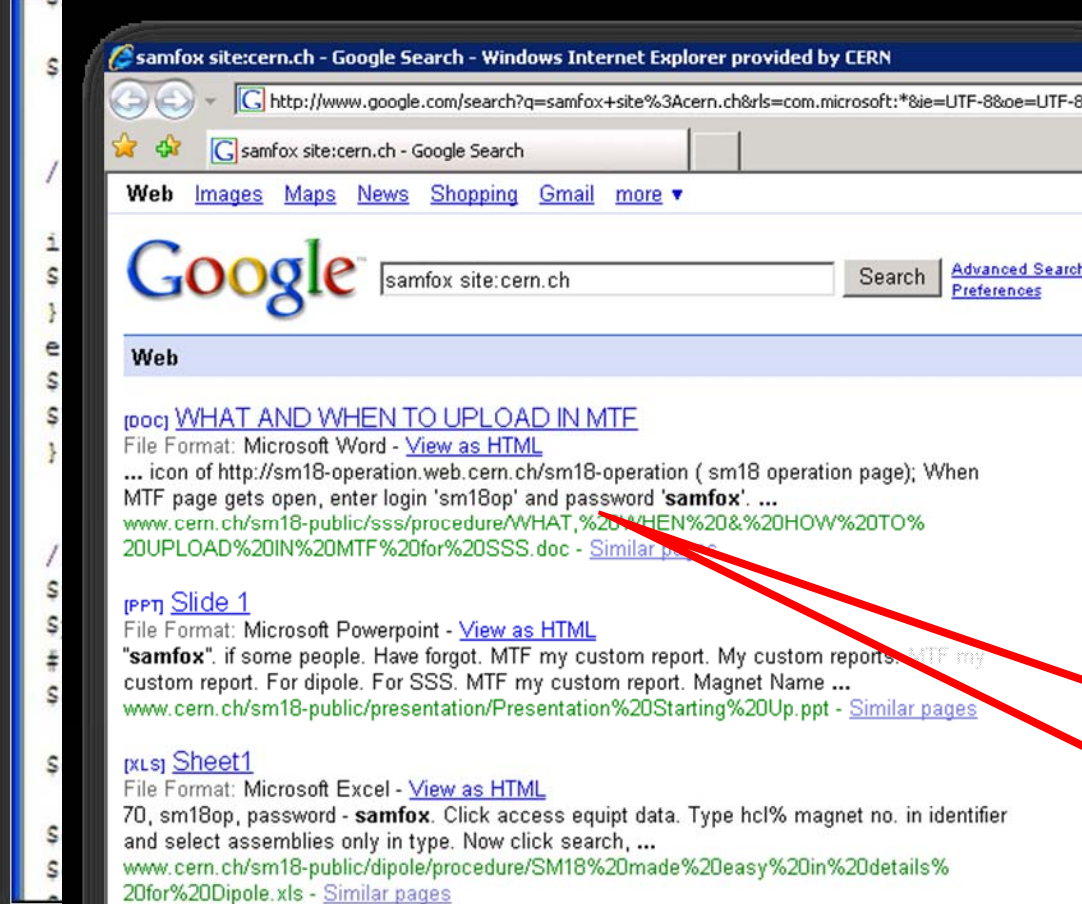**HR Induction Programme**

Security risks are everywhere !!!

Hacked oscilloscope (running Win XP SP2)

Confidential data unprotected

Passwords findable on Google:
What about yours?

Be Vigilant & Stay Alert !!!

Email addresses can easily be faked !

Stop "Phishing" attacks:
No legitimate person will **EVER** ask for your credentials !

Do not trust your web browser !

http://cern.ch/security

Security is a hierarchical responsibility

and that means

<u>YOU</u> ARE ALSO RESPONSIBLE !

Operational Circular Nº 5 defines the rules for the use of CERN's computing facilities.

➢ **You should read and understand OC5**

➢ **You are obliged to sign it electronically**

➢ **You are obliged to follow the rules!**

http://cern.ch/ComputingRules

ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

Laboratoire Européen pour la Physique des Particules
European Laboratory for Particle Physics

OPERATIONAL CIRCULAR Nº 5
Issued by Human Resources Division

This operational circular was examined by the Standing Concertation Committee at its meeting of June 2000.

| Applicable to | : Members of the Personnel and ... persons |
| Person responsible for the matter concerned : Director-General |
| Date | : October 2000 |

In the interests of readability, this circular has been drafted using the masculine gender only. However, use of masculine gender should be understood to refer to both sexes. The provisions of the circular therefore apply to both men and women except when it is ...

USE OF CERN COMPUTING FACILITIES

I— Introduction

- **Protect against unauthorised access to systems and accounts**
  - ► passwords must not be divulged or easily guessable
  - ► protect access to unattended equipment
- **Report any unauthorised computer access**
  - ► E-Mail: Computer.Security@cern.ch
  - ► http://cern.ch/security
- **Respect confidentiality and copyrights**
  - ► illegal or pirated data (software, music, video, etc) is *not* permitted
- **Personal use remains within defined rules**
  - ► rules for personal use are defined in annex of OC5

- **E-Mail users must *not*:**
  - ► send mail bombs, SPAM, chain letters or offensive e-mails
  - ► forge e-mail or news articles
- **PC users must:**
  - ► allow virus checking and other service management software to run on their PC
  - ► act immediately to remove viruses, worms, backdoors and other applications
- **Network users must:**
  - ► collaborate to investigate and prevent reoccurrence of problems detrimental to CERN's network
  - ► *not* make unauthorised changes to CERN's network infrastructure
- **File users must:**
  - ► protect their data from unauthorised access (correct ACLs)
  - ► respect copyright, license and other agreements

Personal use is tolerated or allowed provided:

► frequency and duration is limited and minimal resources used

► activity is not illegal, political, commercial, inappropriate, offensive or detrimental to official duties

Tolerated:

► personal e-mail

► personal browsing of web pages and news groups

► Skype with conditions http://cern.ch/security/skype/

NOT permitted:

► consultation of pornographic web sites

► installation and/or use of non-CERN software, such as **peer-to-peer** applications (e.g. **KaZaA**), **IRC**, etc. Restrictions are documented at http://cern.ch/security/software-restrictions.

- **Operational Circular No 5 and its subsidiary service rules are available at:**

  http://cern.ch/ComputingRules

- **Computer Security information is available at:**

  http://cern.ch/security

- **Questions can be sent to:**

  Computer.security@cern.ch