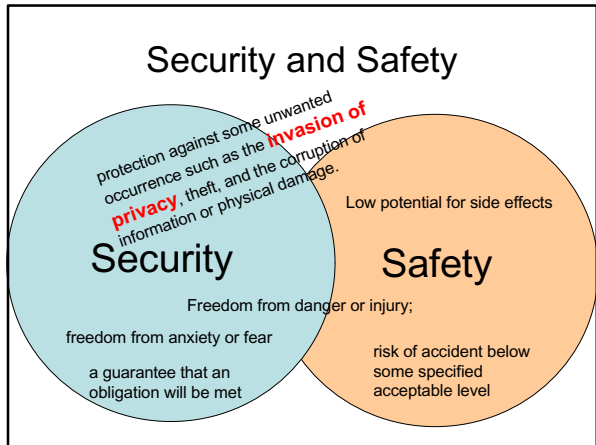
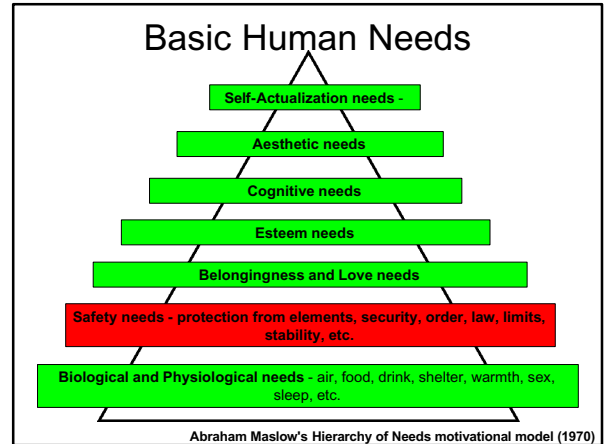


Links Between Security, Biosecurity and Traceability

"Big Brother is watching you"
George Orwell

Martin APPELT,
Canadian Food Inspection Agency

ATAA's 31st International Conference
May 1-4, 2005
CALGARY, CANADA



Biosecurity

Safety from exposure to infectious agents

Biosecurity

Today: often context to Bioterrorism and Biological Warfare

Both concepts are centuries old!

Safety and Security are basic human needs

How can we meet them?

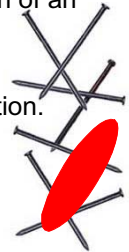
“Trust in Allah, but tie your camel”

Arabian Proverb



Traceability

- Ability to trace the history or location of an item...
- ...amongst like items...
-by means of recorded identification.



Accepted?

“Big Brother?”

- 87 percent of the U.S. population are uniquely identified based just on gender, birth date and five-digit ZIP code.
- linking anonymous medical records with voter registration records enabled identification of the medical records of 97 percent of 55,000 voters.

It is not the individual piece of information...



It is not the individual piece of information...

..but the ability to collect enough pieces for the complete picture.



Fear

Government Databases

Tax collection

Credit History

Social Security Number

Anti-Terrorism

Loyalty Programs

Gun Registry

Business Databases

Your Cellphone is a Homing Device
 Don't want the government to know where you are? Throw away your cell, stop taking the subway, and pay the toll in cash.

THEFT

Where does it lead us?

DNA Fingerprinting

- ## Recognition...
- ...that animal ID and traceability are not “Big Brother” coming to life
 - ...that there are business advantages in knowing where animals are and following their route from origin to final destination
 - ...that animal health, disease detection/eradication and consumer confidence are ultimately linked to traceability

