



FOOD DEFENSE AND THE GLOBAL SUPPLY CHAIN

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WORKING DEFINITIONS FOR THE FOOD INDUSTRY



- **FOOD SECURITY-** having an adequate food supply

WHO/FDA-2006

- **FOOD SAFETY-** “the protection of food products from unintentional contamination by agents reasonably likely to occur in the food supply (e.g. E coli, Salmonella, listeria)”

FSIS-2010

- **FOOD DEFENSE-**

(1) “ The collective term used by the FDA, USDA, DHS, etc., to encompass activities associated with protecting the nations food supply from deliberate or intentional acts of contamination or tampering. This term encompasses other similar verbiage (i.e., bioterrorism (BT), counter-terrorism (CT), etc..”

FDA- Food Defense and Acronym list- 2007

- **FOOD DEFENSE-**

(2) “The protection of food from intentional contamination by biological, chemical, physical, or radiological agents that are not reasonably likely to occur in the food supply.”

FSIS- 2010

- **Food Protection-** An all hazards approach to protecting the food supply whether the contamination might be caused by a food safety or a food defense event.

developed by FDA -2007



FOOD DEFENSE ASSESSMENTS AND MITIGATION

- **RISK-** exposure to the chance of injury or loss; a hazard or dangerous chance.
- **VULNERABILITY-**capable of or susceptible to being wounded or hurt.
- **THREAT-** a declaration on an intention or determination to inflict punishment, injury, etc..
- **GOAL BASED-** establishing goals common to food defense and security which would mitigate most risks/ vulnerabilities.



GLOBAL SUPPLY CHAIN SECURITY STRATEGIES

- **C-TPAT- Customs Trade Partnership Against Terrorism**
U.S. program begun in 2002.
Voluntary for companies.
Concerns imports.
- **PIP- Partners in Protection.** Canadian program similar to C-TPAT.
Has achieved harmonization between the two programs
- **AEO- Authorized Economic Operators.** A 2007 WCO initiative. 170 + countries eligible. Embraced by 27 EU states. Requires financial solvency certification. ISO based security compliance. Effort to harmonize with C-TPAT.
May not be possible.