

Practical System Safety Analysis

Lt. Col. Olga Gelfenstein

*IDF, Ground Forces, Technology Division,
Test & Evaluation Unit, Israel
E-mail: olgy1@014.net.il*

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The presentation will introduce a methodology for coping with designing a system to safety as it is done in the Technology Division in The Ground Forces.

The Technology Division develops and manages development of large systems (System of Systems) for the Ground Forces. Due to fact that these are military systems, many unique challenges arise and are encountered while developing these systems. A methodology for coping with challenges and with the safety of these systems was developed.

This methodology is used for designing systems to safety and dealing with all safety aspects along the project phases: during requirement phase (pre development), during development and during tests.

The presentation will focus in how this methodology is conducted and how it becomes a part of the whole project process.

It will be show how the subject is considered in defining the system's requirements, the methodology during development phase will be introduced thoroughly, how MIL-STD 882D is used, a wide point of view has to be used since a variance of technologies has to be dealt with, etc'.

How do we cope with time and money constrains and unique considerations arising from these systems.