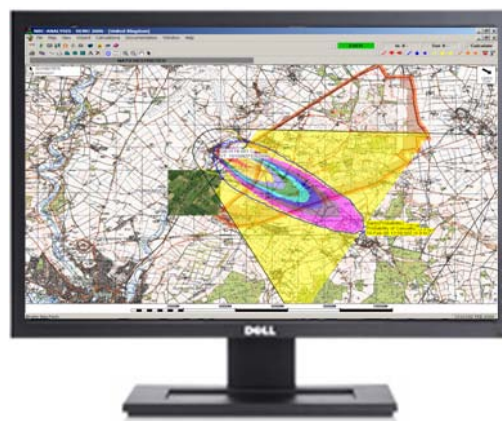


CBRN-CAX module for CBRN-Analysis

Computer Assisted Exercises – an automated training tool

To maintain an efficient CBRN Warning and Reporting organization it is essential that training and exercises are conducted at regular intervals. The organization must be prepared to handle a CBRN incident, but often it does not deal with CBRN on a daily basis. Personnel normally have other functions to cover. The effort and cost that is consumed by training and exercises is a substantial part of the cost of an efficient Warning and Reporting system. Planning a realistic training exercise requires specialist personnel and their time is precious. In a time where also training budgets are under pressure, how do you maintain your CBRN Warning and Reporting Capability in a cost efficient manner?



When using CBRN-Analysis (the former NBC-Analysis) as your Warning and Reporting system, running training exercises has just become a lot easier. The CBRN-CAX module provides the capability to conduct realistic training wherever and whenever it is convenient to you. You are not dependent on getting the right people together or on setting up the network structure. You do not need to set aside several days for travel with all the cost and inconvenience to your other tasks this entails.

The CBRN-CAX module provides a wide range of improvements to CBRN training:

- Reduced training costs
- More realistic training (scenario based)
- Less need for CBRN instructor time to do exercise planning
- Exercises devised by experts within both CBRN and the CBRN-Analysis software
 - Exercises based on current NATO W&R plans and procedures
 - Exercises that highlight all main CBRN-Analysis program features
- Exercises can be played by each operator or CBRN cell when it fits their own schedule
- Exercises in integrated or fielded environments run disconnected from the operational networks.

References:

CBRN-Analysis is in use by 80% of the NATO nations including the UK and the US. It is also used by the NATO Command Structure.

Bruhn NewTech conducts the CBRN Warning and Reporting software training at the UK Defence CBRN Centre in Winterbourne Gunner and at the NATO School in Oberammergau.

We assist the NATO Response Force in its planning and execution of the COMET/BLISTER exercise series.

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Key Features

Annual Exercise updates

We recommend that refresher training of CBRN-Analysis operators and W&R personnel take place at least every three months. To cover this need, we provide each year (as part of the CBRN-Analysis Support and Maintenance Agreement) a new set of training exercises for the CBRN-CAX module. This set comprises the following exercises:

- One introduction exercise. This exercise is a thorough repetition of the main program functions to assist the newly trained operator.
- Three refresher training exercises. These exercises cover a number of training scenarios and refresh the Warning and Reporting procedures and how to best achieve these with CBRN-Analysis.
- One update exercise. This is a refresher training exercise, which has a special focus on the new functions within the annual CBRN-Analysis software update. In addition to maintaining the operator skills it also makes sure that all new functions are known to the operator.

Flexible execution

The CBRN-CAX module allows the operator to fully control the execution of the exercise:

- Exercise can be run one inject at a time to allow the new or less experienced operator to complete the task before continuing the exercise.
- More experienced operators can choose to run the exercise by the clock which will provide a more realistic setting where the event may occur before you are ready for it.
- Guidance relevant to selected injects can be called up as well as the exercise Operations Orders describing the setting of the training scenario

Planning module

A CBRN-CAX Planning module is also available to allow instructors to design and produce exercises for use in the CBRN-CAX module. In this way national or local aspects can be trained within the same automated CAX-module used for running the training exercises provided by Bruhn NewTech.



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