



What's New CBRN-Analysis v.26

Continuous Improvement Working Group (CIWG) 5th / 6th November 2025

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Training and SME

CONTENT

Version Compliant	AEP-45
CBRN Messages	Missile Warning Report (MWR)
COP Module	Formats
Modelling Module	Sweden
Documentation	Updates

Version Changes

14

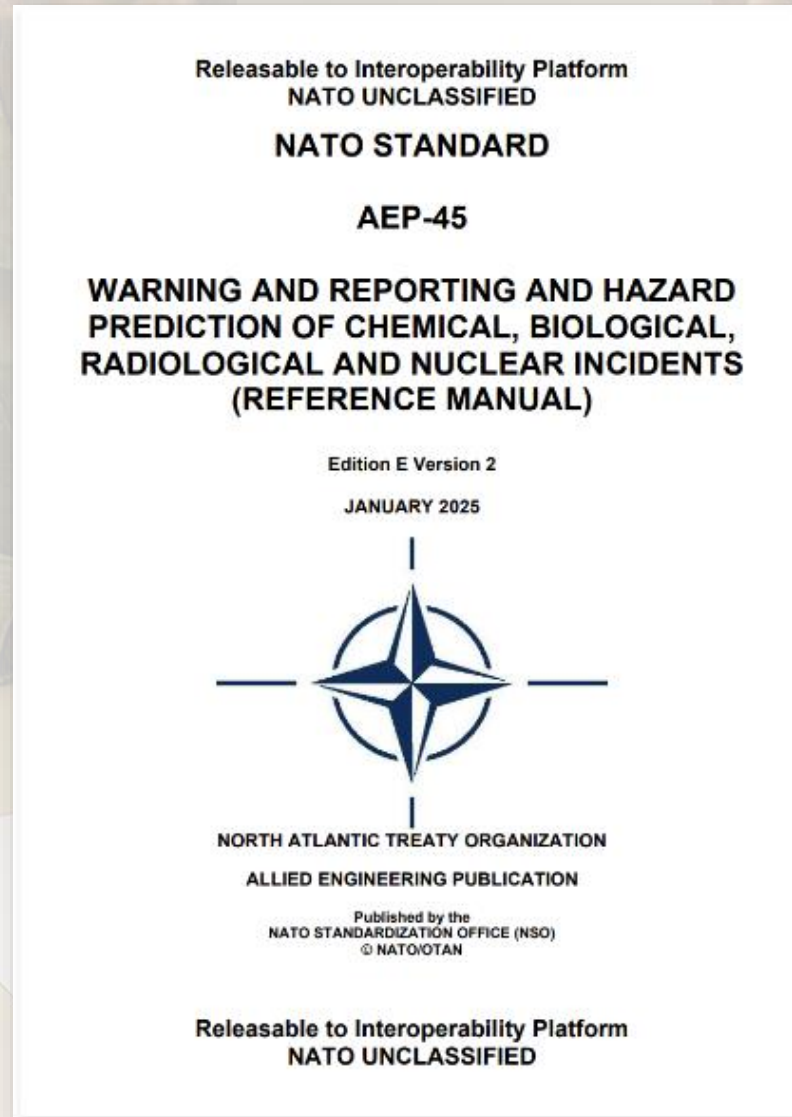


Version 25



Version 26

AEP-45 Changes to be compliant



Blood Agent



PAPAX updated

CBRN 3 CHEM

Header	Message	Notes	Attachments
O VALCODE	100XXL	ACC-003	
M ALFA	XXL	BLOD	001 C
M DELTA	050940Z FEB 2025		
M FOXTROT	29VND9355417093	EE	
M GOLF	OBS MLR RKT	NSC	TSRH: SURF
M INDIA	BLOD		
O MIKER	CLEAR		
M PAPAA	1 KM	HR	1 KM
M PAPAX			
O GENTEXT	CBRN INFO		

PAPAX - Hazard Area Location for Weather Period

050940Z FEB 2025

29VND9355417093

Used Weather

CBRN NUC 1-2



CBRN 1 NUC

Header Message Notes Attachments

VALCODE

ALFA

BRAVO 29VPE4173855580 - DGG 27 RLC

DELTA

FOXTROT

GOLF

HOTEL

JULIET

MIKE

PAPAC7D

GENTEXT

Errors, Warnings and Information

Field	Description
GOLF 6	Do not use GOLF field 6 on NUC reports for type of burst or release height, use HOTEL instead.

Close

TSRH: SURF

M

OK Cancel

Save and Exit

Warning if Golf 6 is used should be Hotel 1

Validation of CBRN 2 from CBRN 1's or CBRN 4's



CBRN-Analysis - JOINT PROTECT 2025 - [CBRN Messages - JOINT PROTECT NEXT GEN]

File Edit Map View Wizard Calculations Documentation Exercise Window Help

Calculate In: 0 - Out: 0 - NATO UNCLASSIFIED

Task Update EXER

NUC [21]
CBRN 1 [13]
CBRN 2 [1]
CBRN 3 [1]
CBRN 4 [5]
CBRN 5 [1]
CBRN 6 [0]
BIO [4]
CHEM [36]
CBRN 1 [6]
CBRN 2 [6]
Correlated [2]
CBRN 3 [9]
CBRN 4 [11]
CBRN 5 [1]
CBRN 6 [1]

By Type By Number By ALFA

EXER/JOINT PROTECT 2025//
MSGID/CBRN 2 CHEM/APP-11(E)/1/1 BDE CC/-/MAR//
GEODATUM/WGS84//
DTG/051529ZMAR2025//
ALFA/-/-/CHEM 001/C//
DELTA/051522ZFEB2025//
FOXTROT/MGRS:29VPD0081069727/EE//
GOLF/OBS/CAN/-/SHL/-/SURF//
TNDT/TS-NFRV/NKN//

VAL... VAL... ALFA DELTA FOXTROT GOLF INDIA MIKER A... J... A...

-- CHEM 001 C 051522ZFEB2025 29VPD0081069727 EE OBS CAN - SHL - SURF NERV NK... ACTIVE 2 0

Errors, Warnings and Information

Description

CBRN2CHEM VALCODE: NO VALCODE ALFA: -- CHEM 001 C DELTA: 051522ZFEB2025: The message is calculated from CBRN 1 reports from where there is a contradiction in the agent persistence data (INDIA 2) of the CBRN 1 reports

CBRN2CHEM VALCODE: 100 XXL ACC-005 ALFA: XXL H 005 C DELTA: 050951ZFEB2025: The CDR reports available do not cover the required time span

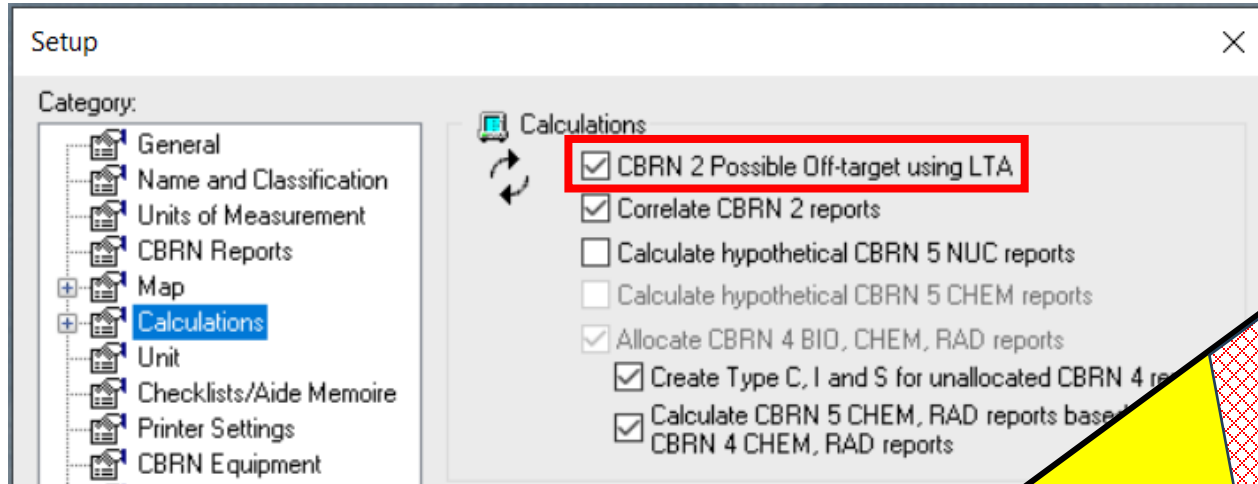
Close

Displays Errors, Warnings and Information

051530Z MAR 2025 (User defined)

Non-Persistent/Persistent for the same incident
will receive a warning when calculate to update

Operator control of LTA

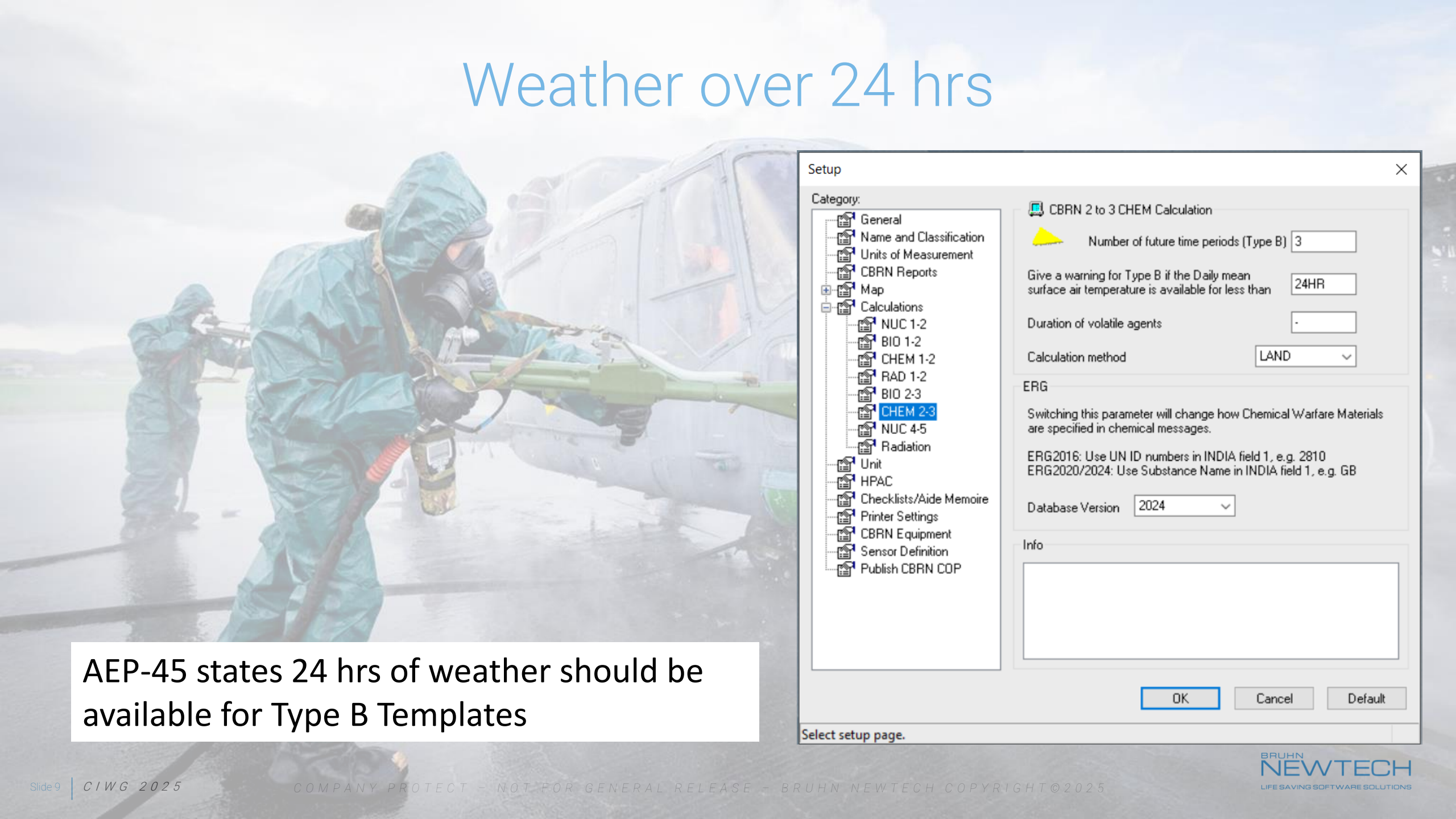


Updated to AEP-45 for CHEM and BIO



Weather over 24 hrs

AEP-45 states 24 hrs of weather should be available for Type B Templates



Setup

Category:

- General
- Name and Classification
- Units of Measurement
- CBRN Reports
- Map
- Calculations
 - NUC 1-2
 - BIO 1-2
 - CHEM 1-2
 - RAD 1-2
 - BIO 2-3
 - CHEM 2-3**
 - NUC 4-5
 - Radiation
- Unit
- HPAC
- Checklists/Aide Memoire
- Printer Settings
- CBRN Equipment
- Sensor Definition
- Publish CBRN COP

CBRN 2 to 3 CHEM Calculation

Number of future time periods (Type B)

Give a warning for Type B if the Daily mean surface air temperature is available for less than

Duration of volatile agents

Calculation method

ERG

Switching this parameter will change how Chemical Warfare Materials are specified in chemical messages.

ERG2016: Use UN ID numbers in INDIA field 1, e.g. 2810
ERG2020/2024: Use Substance Name in INDIA field 1, e.g. GB

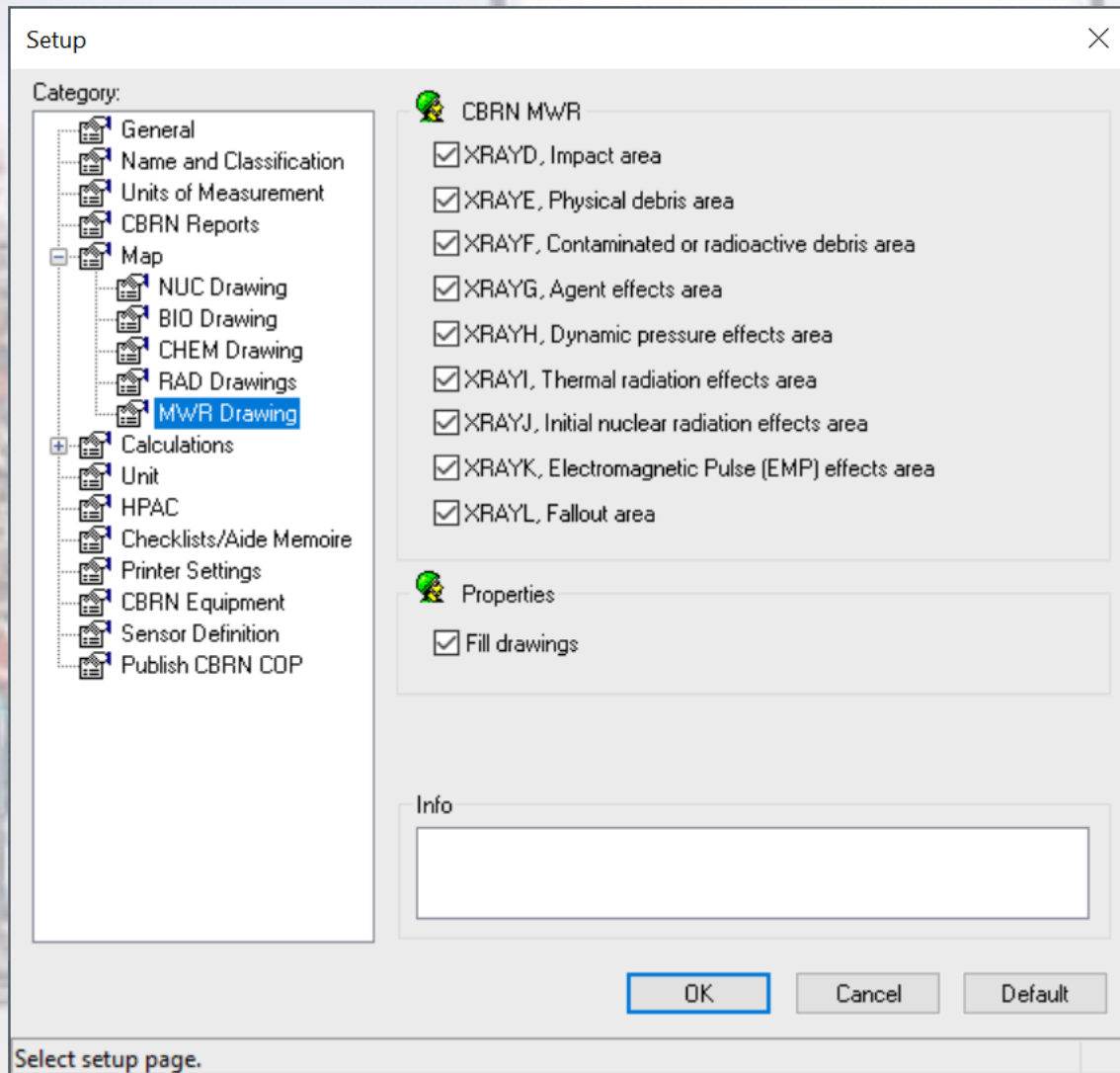
Database Version

Info

OK Cancel Default

Select setup page.

Missile Warning Report (MWR)



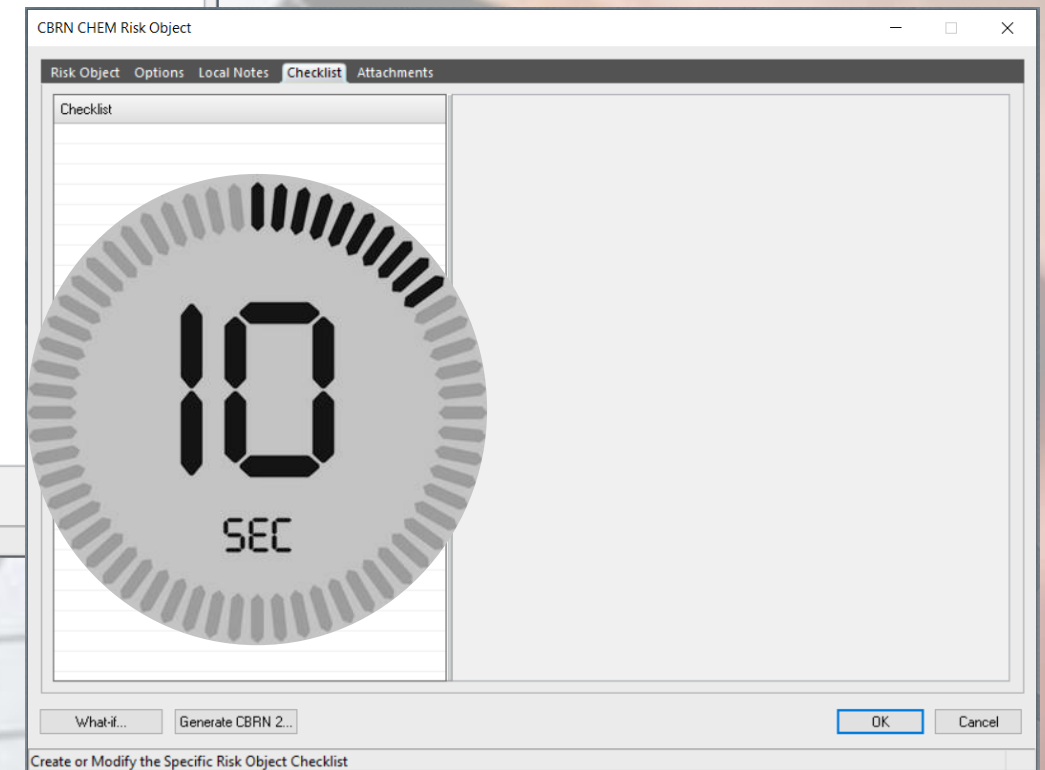
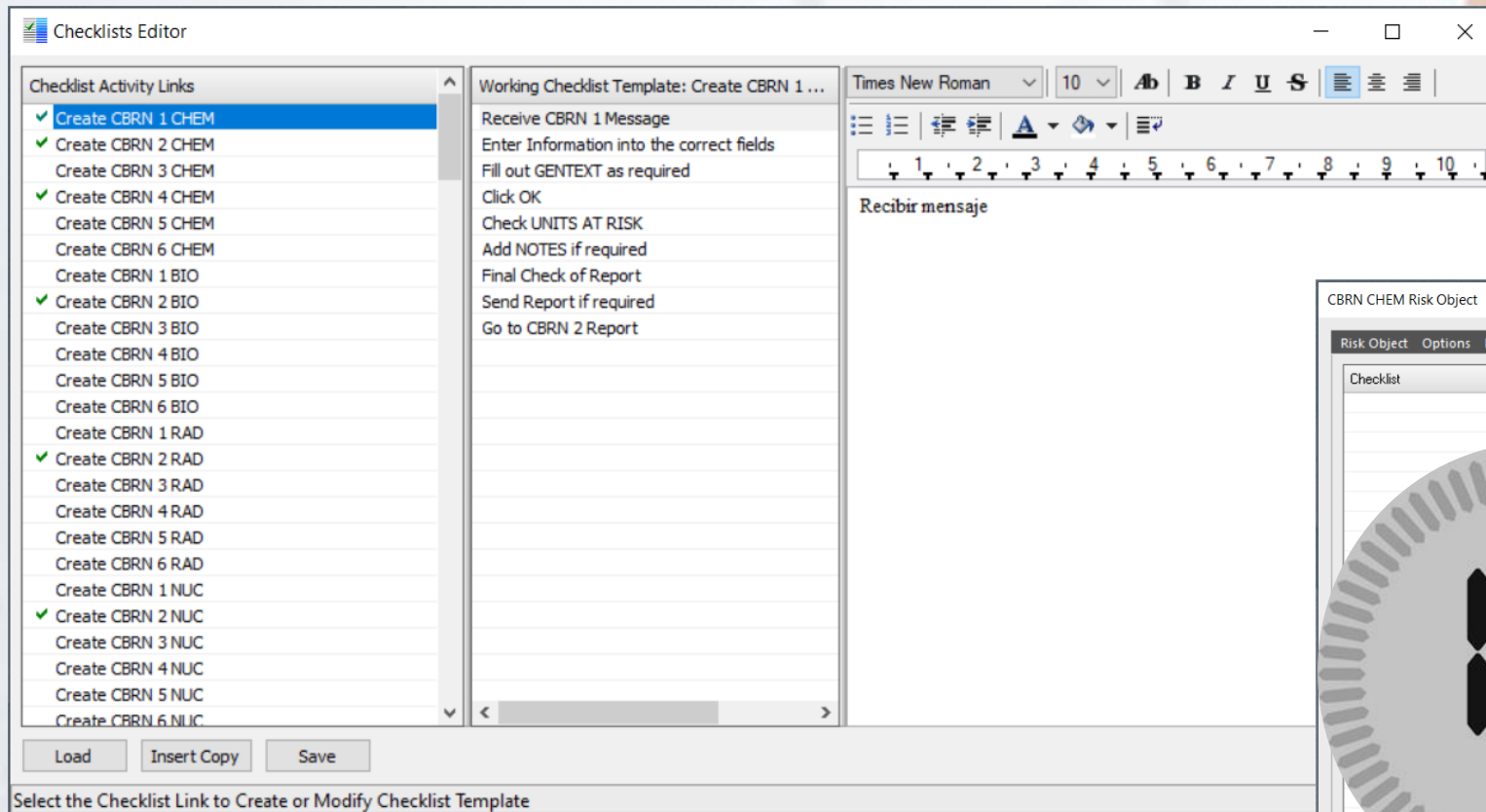
New Report

Can only be retrieved from Communications

No Create/Edit in CBRN-Analysis

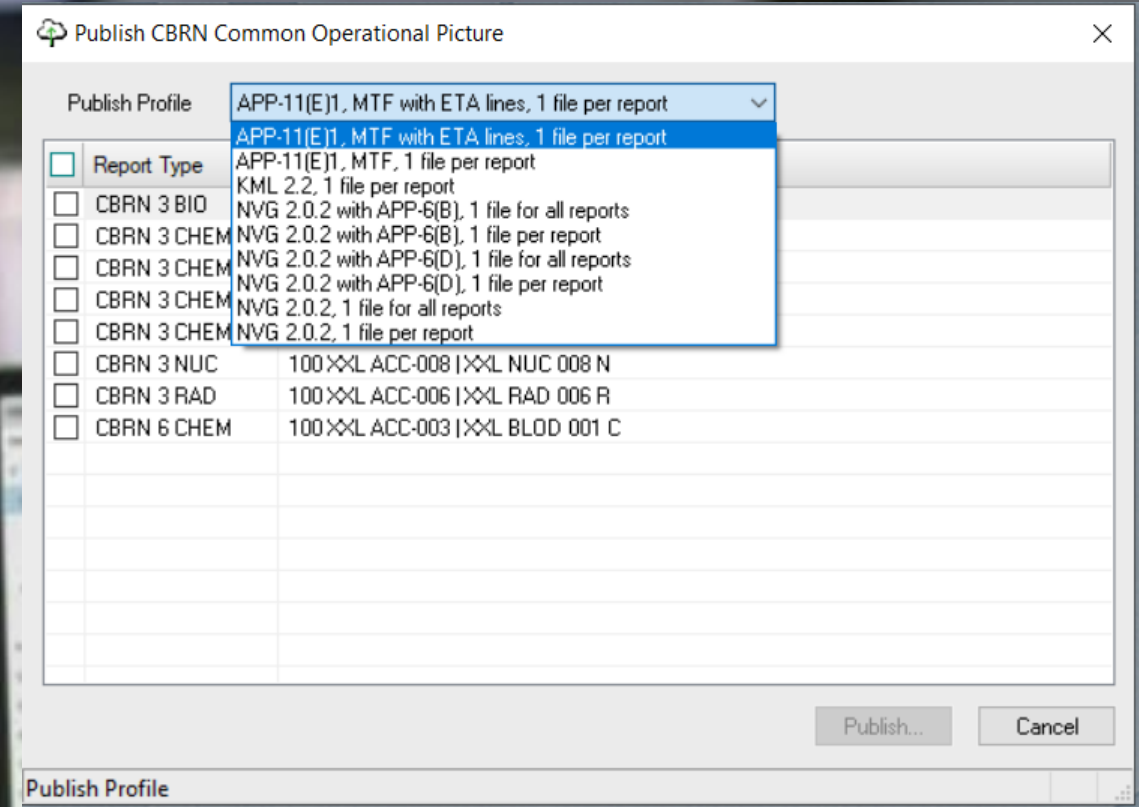
Only display required damage on map

Check Lists



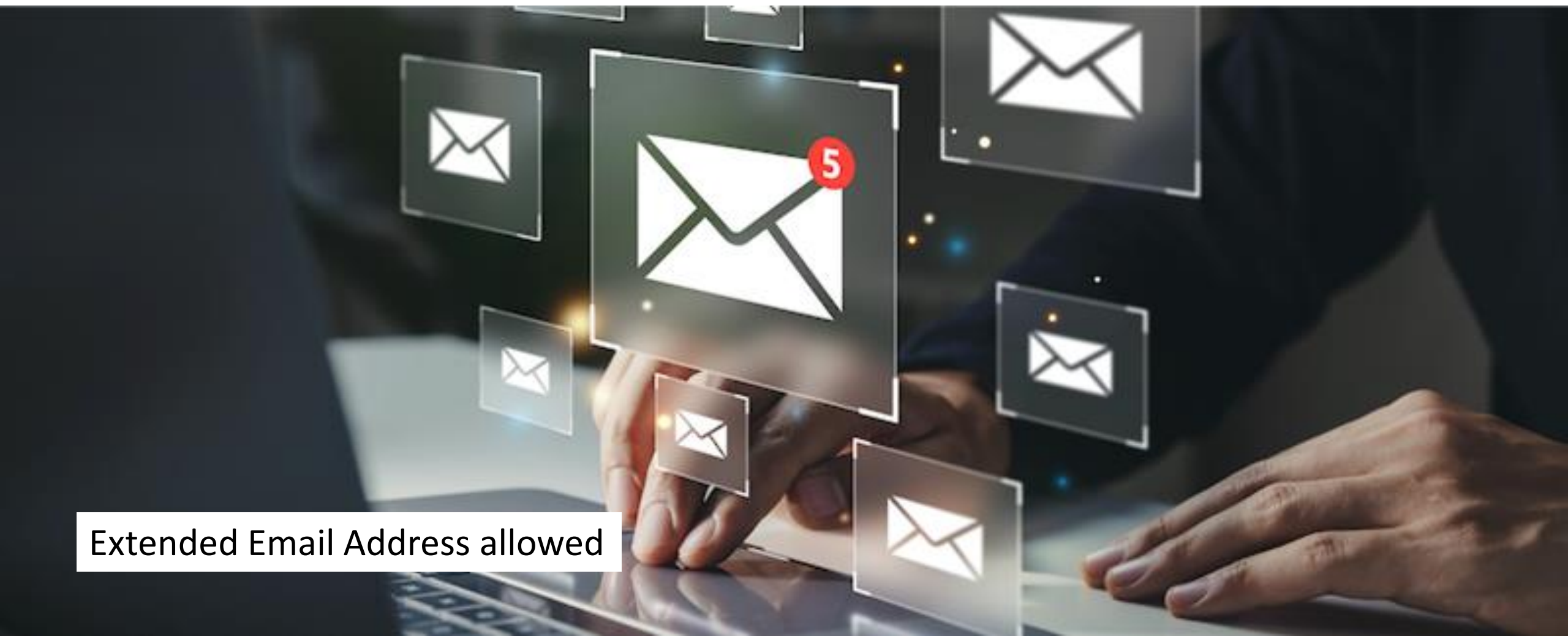
10 seconds instead of 3 seconds to Create/Edit

COP



For COP Module, one button, Multiple formats
Report sent depends on Format selected

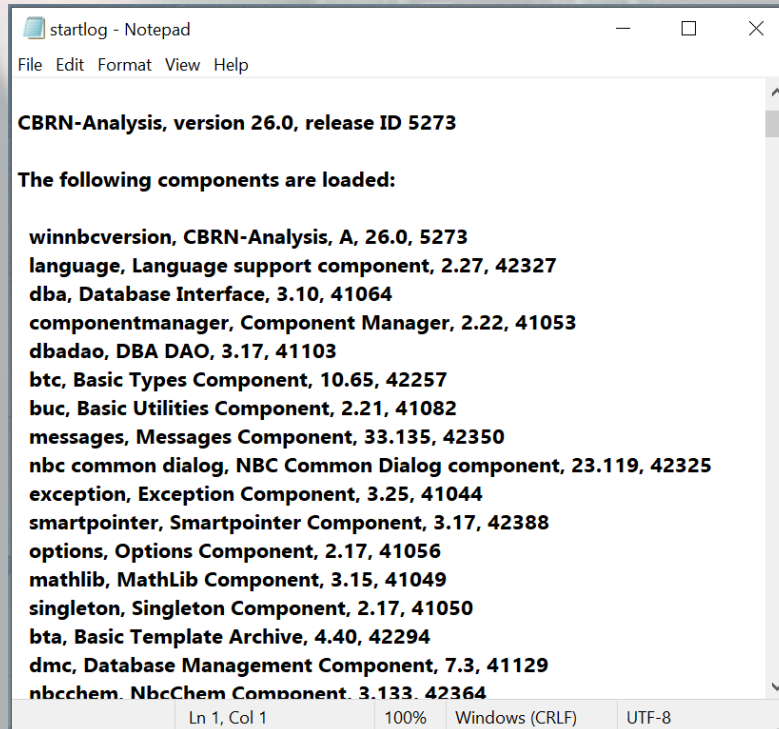
Email



Extended Email Address allowed

Support Updates

System logging



```
startlog - Notepad
File Edit Format View Help

CBRN-Analysis, version 26.0, release ID 5273

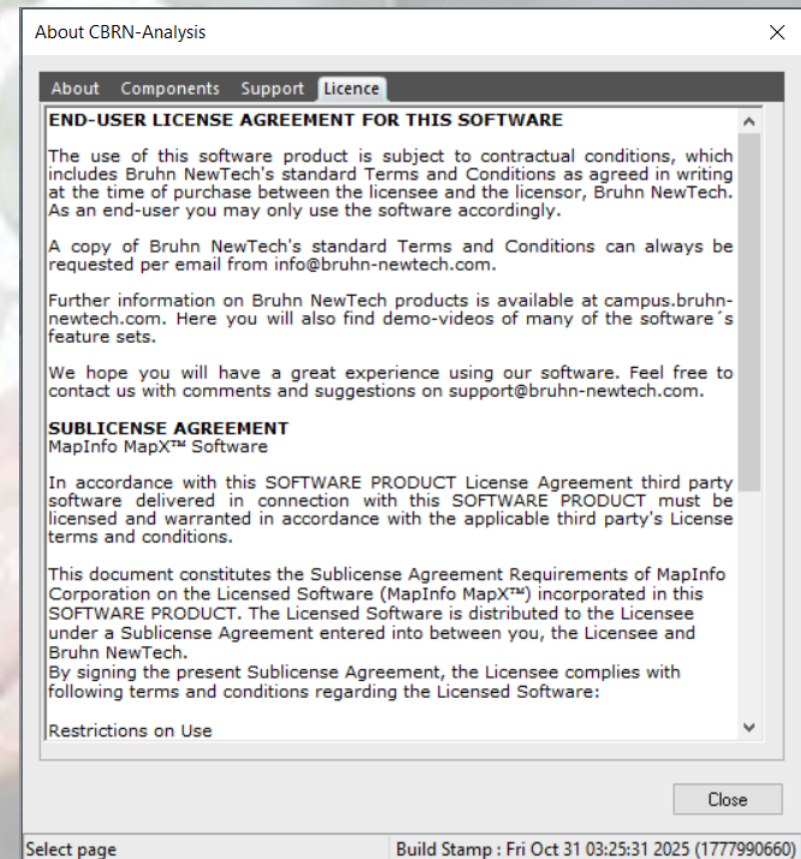
The following components are loaded:

winnbcversion, CBRN-Analysis, A, 26.0, 5273
language, Language support component, 2.27, 42327
dba, Database Interface, 3.10, 41064
componentmanager, Component Manager, 2.22, 41053
dbadao, DBA DAO, 3.17, 41103
btc, Basic Types Component, 10.65, 42257
buc, Basic Utilities Component, 2.21, 41082
messages, Messages Component, 33.135, 42350
nbc common dialog, NBC Common Dialog component, 23.119, 42325
exception, Exception Component, 3.25, 41044
smartpointer, Smartpointer Component, 3.17, 42388
options, Options Component, 2.17, 41056
mathlib, MathLib Component, 3.15, 41049
singleton, Singleton Component, 2.17, 41050
bta, Basic Template Archive, 4.40, 42294
dmc, Database Management Component, 7.3, 41129
nbcchem, NbcChem Component, 3.133, 42364

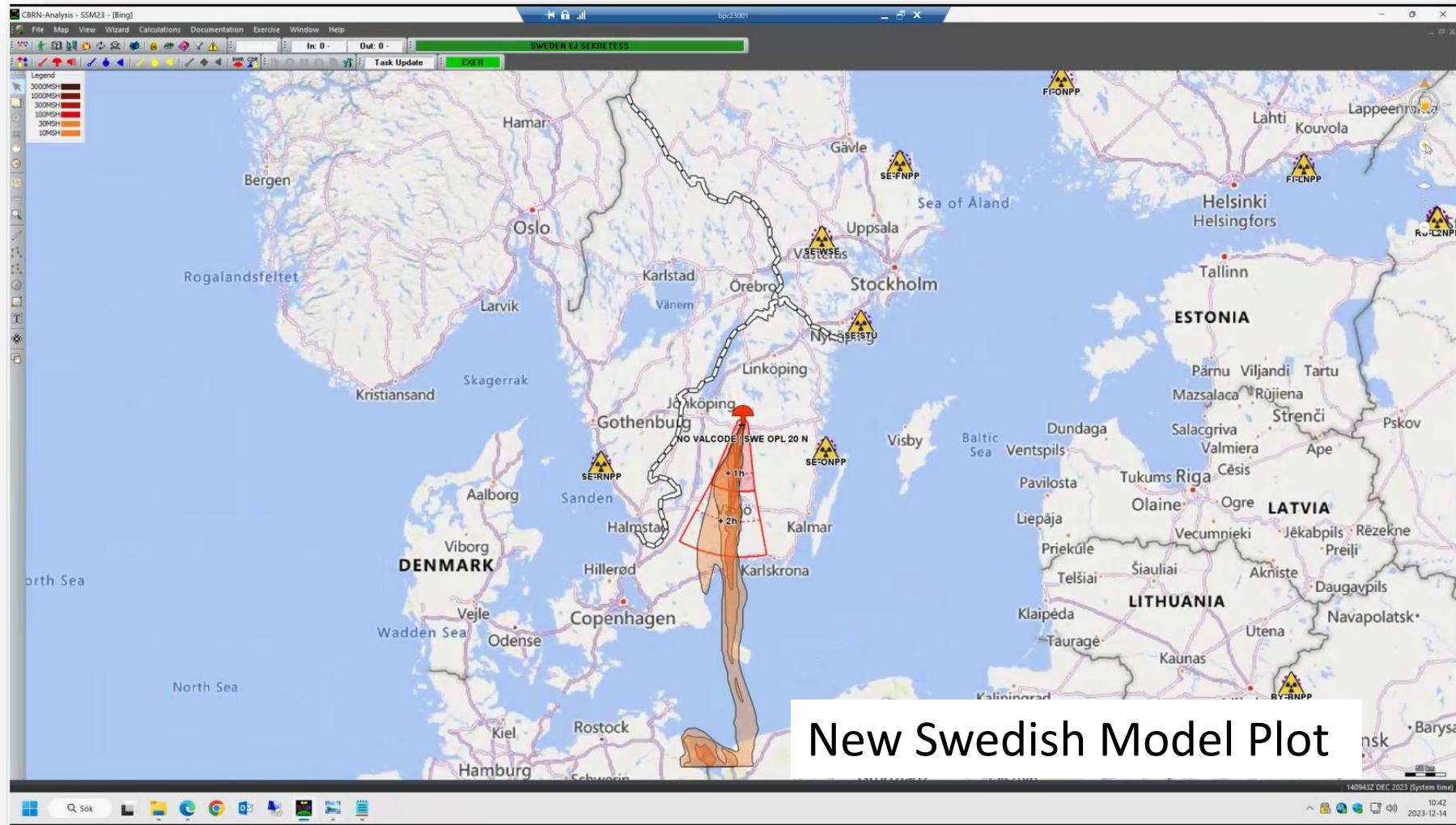
Ln 1, Col 1    100%    Windows (CRLF)    UTF-8
```

Updated

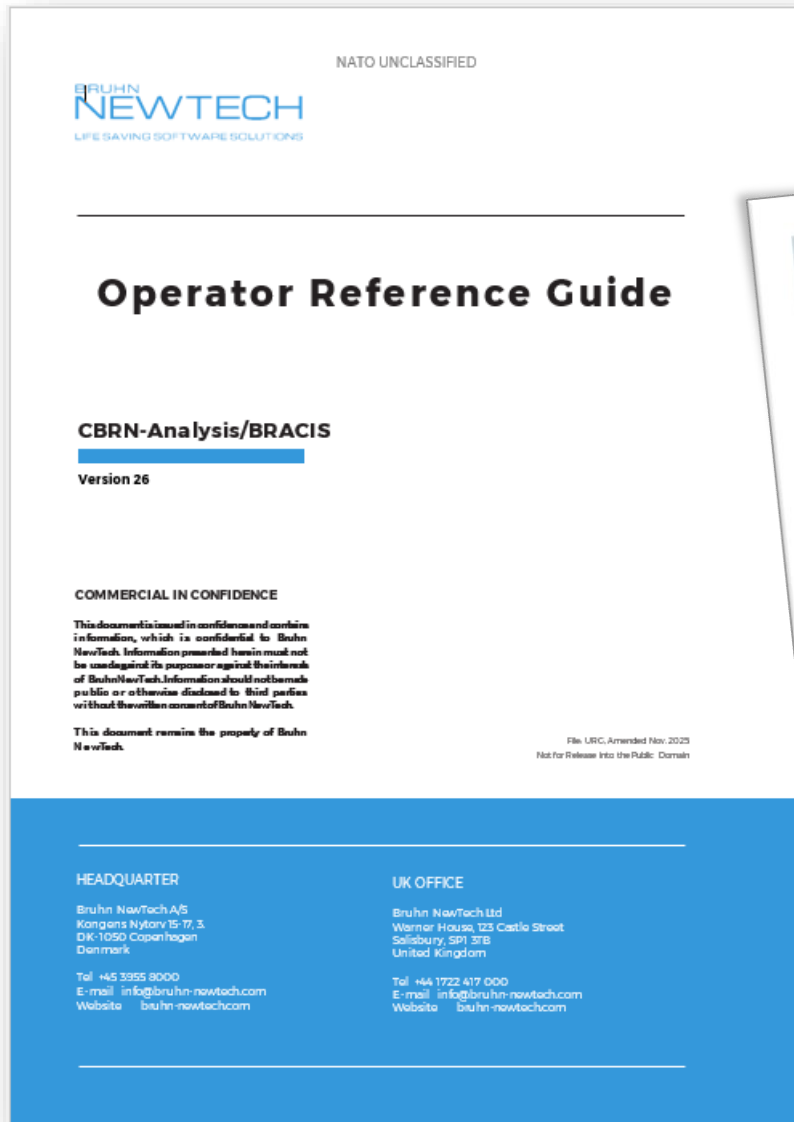
License Agreement



SWE Model Plot



Documentation



New name and updated

Documentation

BRUHN
NEWTECH
LIFE SAVING SOFTWARE SOLUTIONS

Manual Procedure Differences

ATP-45 versus AEP-45

CBRN-Analysis and BRACIS

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Updated

Documentation

CBRN-Analysis

[Home](#)
[Installation Guide](#)
[Getting Started](#)
[What's New](#)
[ORG Amendments](#)
[Operator Reference Guide](#)
[Find Type/Case](#)

Standards

[ATP-45](#)
[Manual Procedure diff.](#)
[ATP-3.8.1 Vol. I](#)
[ATP-3.8.1 Vol. II](#)
[ATP-3.8.1 Vol. III](#)
[AJP-3.8](#)
[ERG Changes](#)
[ERG 2024](#)
[ERG 2020](#)
[ERG 2016](#)

User

[How to add References](#)



Welcome to CBRN-Analysis references. The references are opened by clicking the menu to the left. The **CBRN-Analysis** section contains online CBRN-Analysis documents in PDF format.

The sample scenario used in the Getting Started Guide is accessible from the data folder. In a default installation it is located at the following pathway:

C:\Users\Public\Bruhn NewTech\CBRN-Analysis\References\Examples\

Data can be imported directly from here.

An external document has been added in References from the US Department of Transportation indicating a summary of changes between the ERG 2020 and ERG 2024.

[Bruhn NewTech CAMPUS](#) is an open domain Web site that provides operators with the latest CBRN-Analysis product information and is continually updated with software tutorials, presentations, course updates and product bulletins.



Support

The majority of users will receive the software from a National Service focal point. Users are to contact the National Support Point of Contact (POC) with any issues relating to the software. If support is required, this again, may be through the same POC or through the authority that is responsible for the distribution of the software.

If the software was delivered directly from Bruhn NewTech and a support contract is in place then users can contact:

Phone: +44 1722 420 814
support@bruhn-newtech.com

All ERG's now also in References



QUESTIONS



THANK YOU



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