



CBRN-Analysis v.26, Technical Information

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

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Product Manager

CONTENT



HW / SW

What are the HW / SW Requirements?

Compatibility

Which versions are compatible?

Recommended Hardware Requirements

The hardware requirements for v.26 are the same as for v.25

Components	Recommended
Processor (CPU)	Intel Core i5/AMD Ryzen 7 3700X
Graphics/memory	≥512 MB, ≥24-bit colours
Screen	≥1920x1080
Free memory (after OS loaded)	≥1.5 GB
DVD-drive	Depending on installation
Hard disk space (Application and CBRN data)	≥1 GB
Hard disk space (Map)	At least 5 GB
CAX module	750 MB
Network adapter	Required for communication

Note, If the program must run simultaneously with other applications e.g. a model program, the requirements should be extended accordingly.

Free memory available AFTER the operating system (OS) has been loaded is essential, when using raster maps.

Bruhn NewTech cannot guess which maps you plan to use, so please consider your real map requirements.

Supported Operating Systems

Operating System (OS)

Windows 10 Pro, x64
Windows 10 Enterprise, x64
Windows 11 Pro, x64
Windows 11 Enterprise, x64

Support Dates

Listing	Start Date	Retirement Date
Windows 10 Home and Pro	Jul 29, 2015	Oct 14, 2025

Source: <https://learn.microsoft.com/en-us/lifecycle/products/windows-10-home-and-pro>

Support Dates

Listing	Start Date	Retirement Date
Windows 10 Enterprise and Education	Jul 29, 2015	Oct 14, 2025

Source: <https://learn.microsoft.com/en-us/lifecycle/products/windows-10-enterprise-and-education>

Windows 10 Pro and Enterprise have reached end-of-life support

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What is the Extended Security Update (ESU) program?

The Extended Security Update (ESU) program is a last resort option for customers who need to run certain legacy Microsoft products past the end of support. They are not intended as a long-term solution, but rather as a temporary bridge to stay secure while one migrates to a newer, supported platform. It includes Critical* and/or Important* security updates up to three years after the product's End of Extended Support date.

Products	End of Extended Support/ESU Start Date	ESU End Date Year 1	ESU End Date Year 2	ESU End Date Year 3	Type of Security Update
Windows 10***	October 14, 2025	October 13, 2026	October 12, 2027	October 10, 2028	Critical, Important

*** The editions that qualify for the Windows 10 ESU include Enterprise, Education, and Pro in Commercial use.

Source: <https://learn.microsoft.com/en-us/lifecycle/faq/extended-security-updates>

CBRN-Analysis v.28 will be the last version,
which supports Windows 10 Pro and Enterprise

Supported Microsoft Office packages

E-mail communication and generation of briefing material

Microsoft Office 2021, 32-bit or 64-bit

Microsoft Office 2024, 32-bit or 64-bit

Microsoft 365, 32-bit or 64-bit

CBRN-Analysis does NOT support Office 2016 and 2019 anymore

Support for Microsoft Office 2024 has been added

Support Dates

Listing	Start Date	Retirement Date
Office 2021	Oct 5, 2021	Oct 13, 2026

CBRN-Analysis v.26 will be the last version to support

- Microsoft Office 2021
- Microsoft Office 32-bit

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CBRN-Analysis compliance with standards

The CBRN message formats in CBRN-Analysis are based on:

- ATP-45
- APP-11 and/or AdatP-3

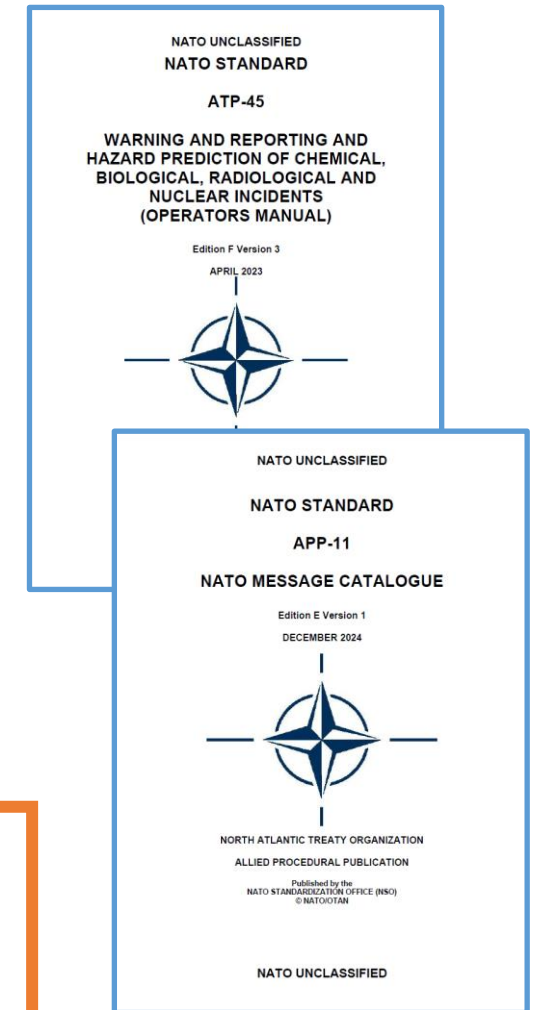
For several years, the latest promulgated version of ATP-45 and APP-11 have not been aligned, so CBRN-Analysis has been based on the **latest ATP-45(F)** and **AdatP-3 baseline** available.

APP-11(E)1 was promulgated 13 Dec. 2024 (NED 1 Apr. 2025) and is aligned with ATP-45(F)3.

CBRN-Analysis v.25 was aligned with APP-11(E)1.

Therefore

- No changes to the CBRN message formats this year
- CBRN-Analysis will stay on APP-11(E)1 until next version is promulgated or ATP-45 (ATP-3.8.3) dictates something else.



Destination Database formats - modified

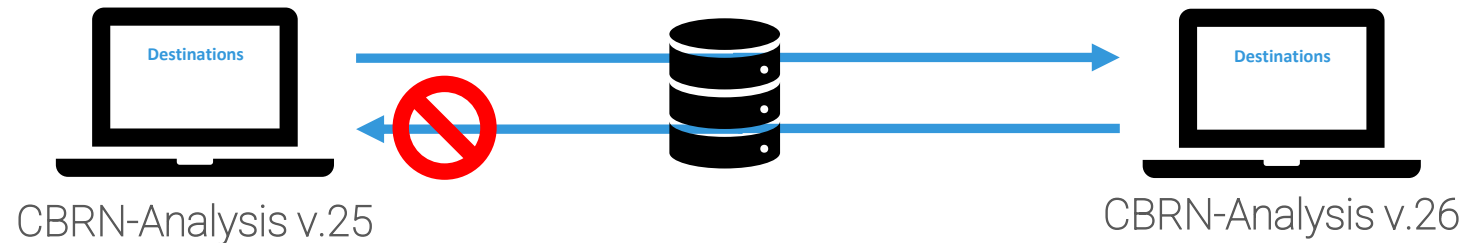
The following **databases** have changed format since CBRN-Analysis v.25:

- **Destinations**

Length of email addresses
changed from 50 to 254
characters

CBRN-Analysis v.26 CAN use these databases from v.25

But CBRN-Analysis v.25 CANNOT use these databases from v.26



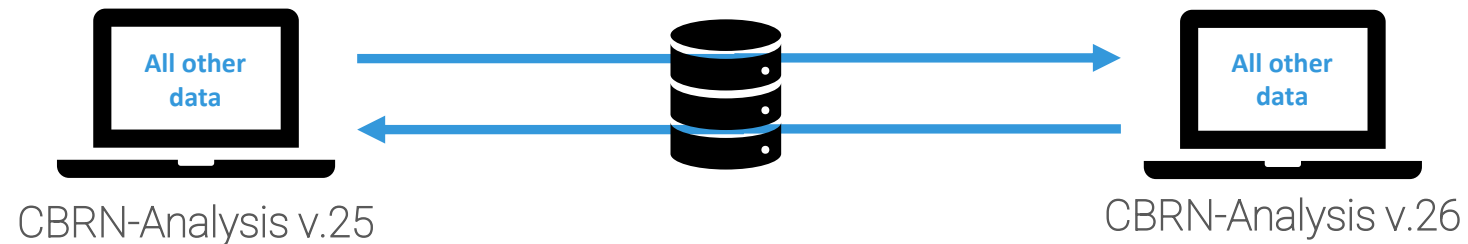
Database formats - unchanged

CBRN-Analysis v.26 can use all other databases from v.25

CBRN-Analysis v.25 can use all other databases from v.26

All other data means:

- ATP-45 messages
- Units
- Risk Objects
- Crossings
- Damage Assessment Tables
- Info Reports



Using different CBRN-Analysis versions

NATO and Partner Nations might not all use the same version of CBRN-Analysis.

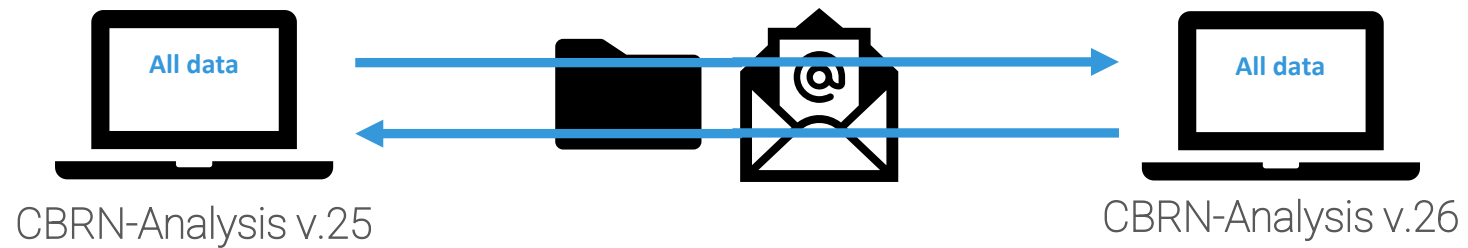
Therefore, during exercises or international operations an older version of CBRN-Analysis might be selected as standard, but be aware:

- Version 20 onwards are compliant with ATP-45(F), while version 19 and older are compliant with ATP-45(E). These standards differ a lot, e.g.:
 - Some CBRN 3 templates will have different size
 - CBRN report formats differ a lot between version v.20 (or newer) and v.19 (or older)
- Scenarios/Databases created in older versions can be used in newer versions – but -
- Scenarios/Databases created in newer versions **cannot** be used in older versions

Communication

CBRN-Analysis v.26 can receive all other data from v.25

CBRN-Analysis v.25 can receive all other data from v.26



Communicating between different versions

NATO and Partner Nations might not all use the same version of CBRN-Analysis.

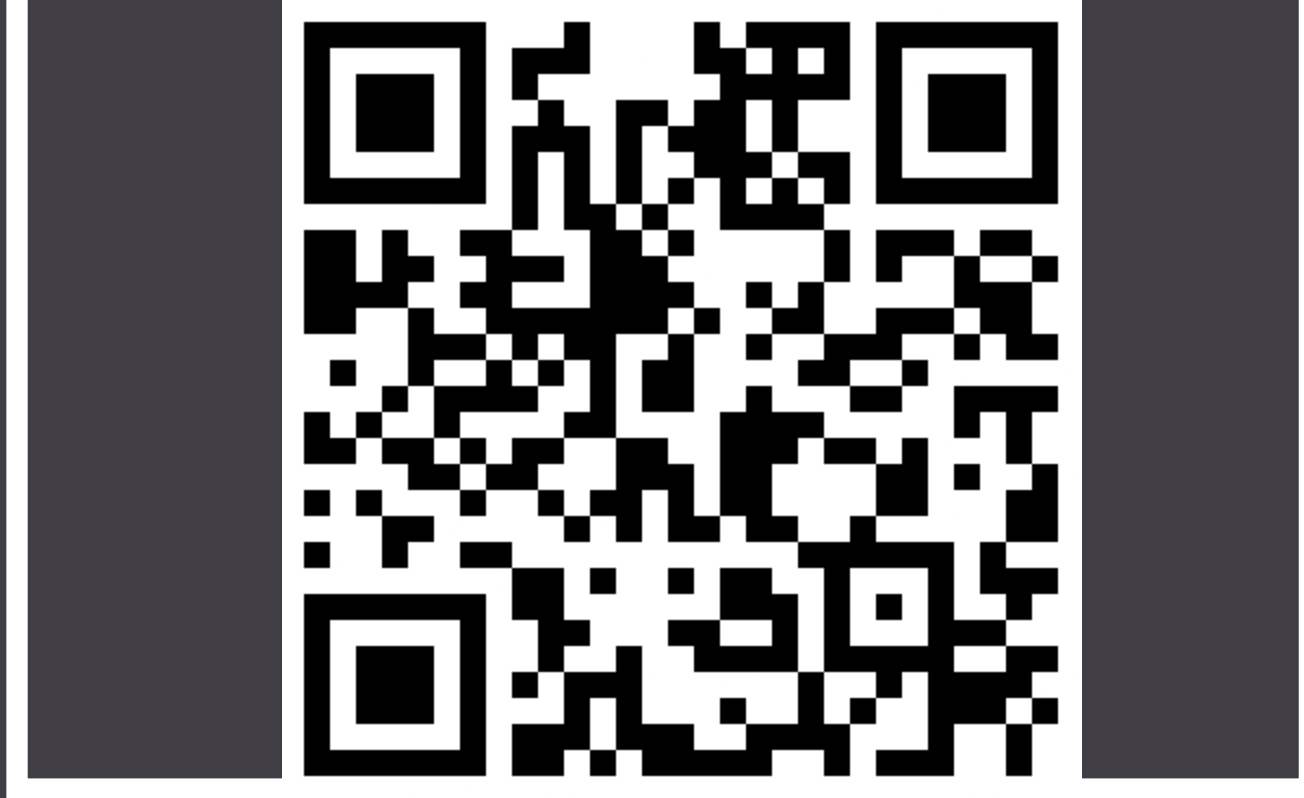
Communication of data between different CBRN-Analysis versions can cause issue.

CBRN message exchange:

- between v.20, v.21, ..., v.26 is possible with **minor** limitations
 - can be fixed manually in the communication view.
- between v.19 (or older) and v.20 (or newer) is in theory possible, but with **major** limitations
 - fixing it manually in the communication view might require many changes. Alternatively, an external conversion tool can be created.

Unit communication:

- between v.21, v.22, ..., v.26 is possible with minor limitations
 - can be fixed manually in the communication view.
- between v.21 (or newer) and v.20 (or older) is NOT possible due to format change from APP-6(A) to APP-6(D).



QUESTIONS



THANK YOU



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