Developing a V25A Custom Metafile:
Importing Updates to an Existing Custom V25 Metafile

Matt Mayfield, MS, CTR

NPCR EDITS Coordinator

cancerinformatics@cdc.gov

Informatics, Data Science, and Applications Team (IDSAT)
Cancer Surveillance Branch
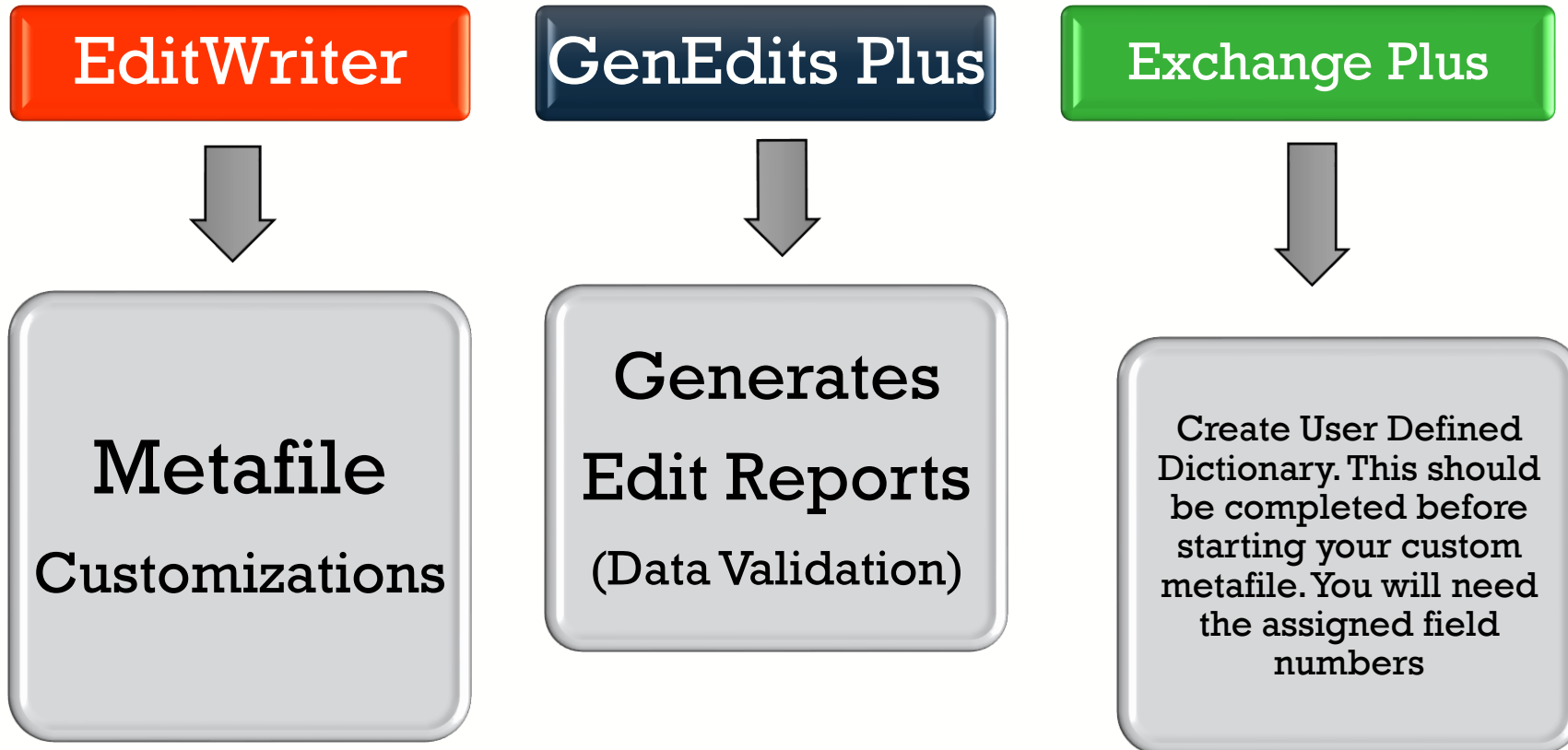Division of Cancer Prevention and Control
NCRA

Focus of this Presentation
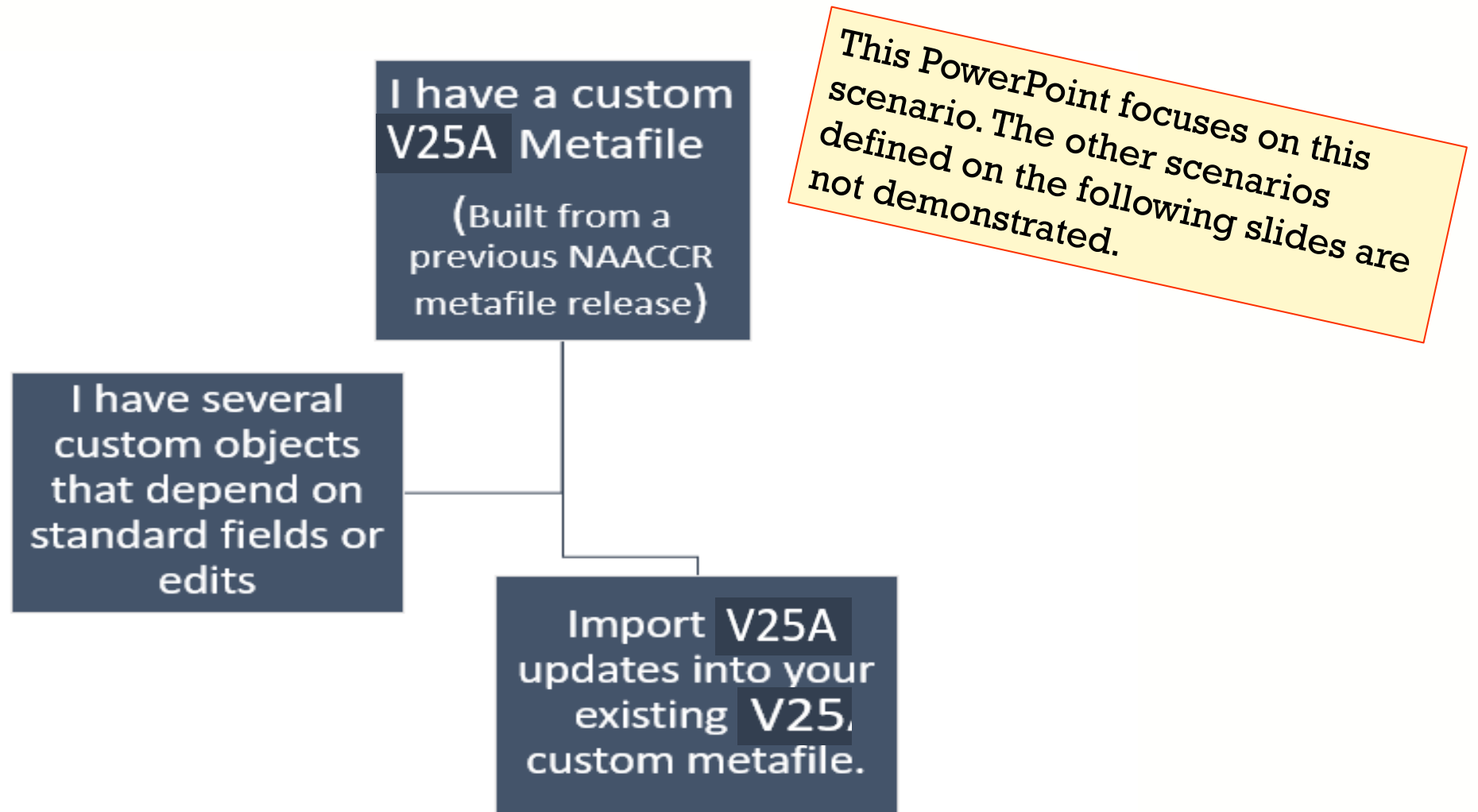
IMPORTING UPDATED STANDARD METAFILE OBJECTS

- NPCR's **EditWriter 6** software
- Associated with a **minor update** or **new metafile iteration.**
- Agencies will import V25A standard metafile updates (Import metafile) into an already customized State-Specific V25 metafile. (Target metafile)
- Know your customizations and how V25A changes may impact them.
- Some agencies may require a different approach to updating metafiles. Support is available at: cancerinformatics@cdc.gov.
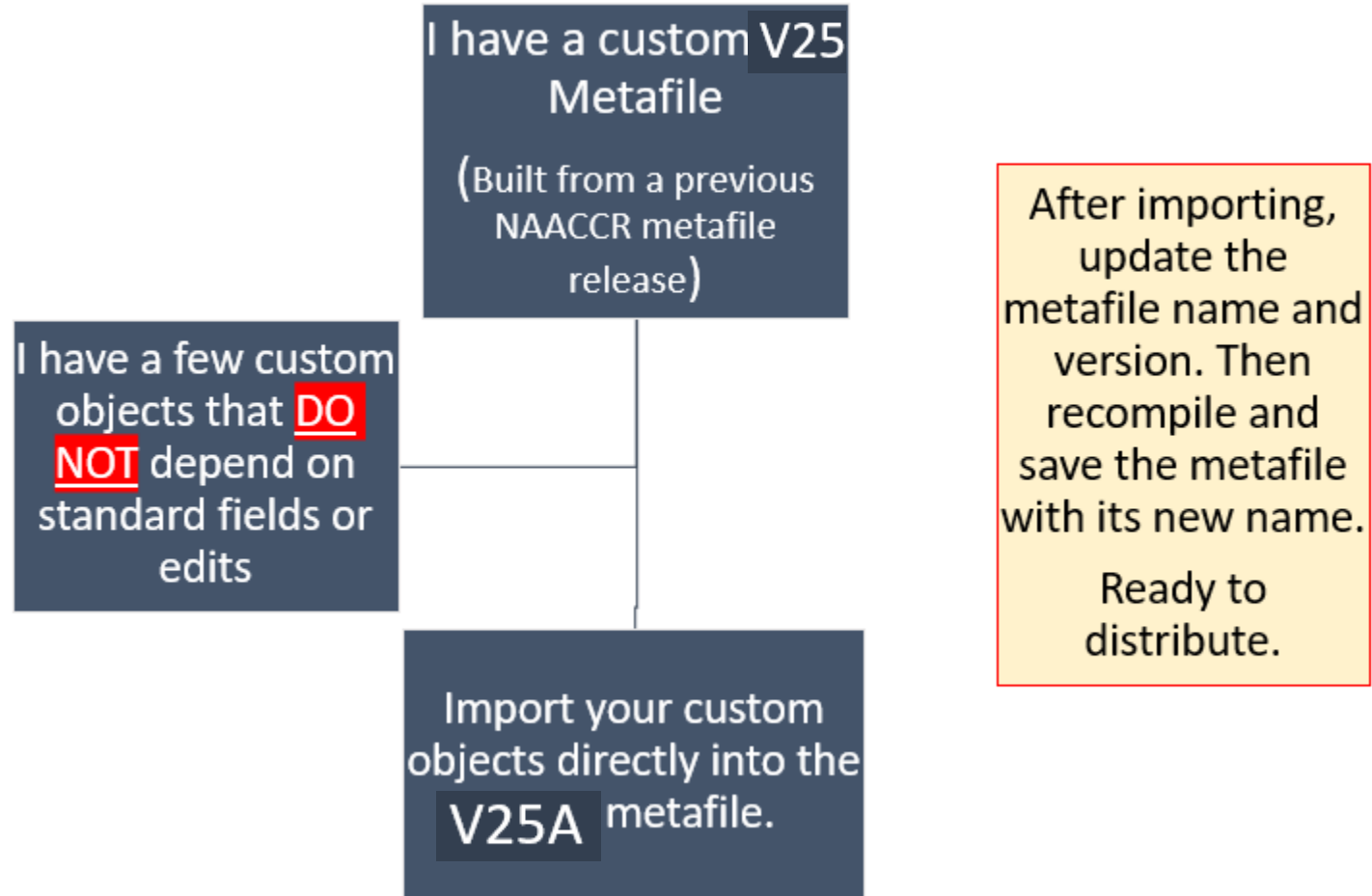
NPCR-EDITS Software

EditWriter

GenEdits Plus

Exchange Plus

| Metafile Customizations | Generates Edit Reports (Data Validation) | Create User Defined Dictionary. This should be completed before starting your custom metafile. You will need the assigned field numbers |

https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm

New Metafile Version Release

I have a custom **V25A** Metafile

(Built from a previous NAACCR metafile release)

I have several custom objects that depend on standard fields or edits

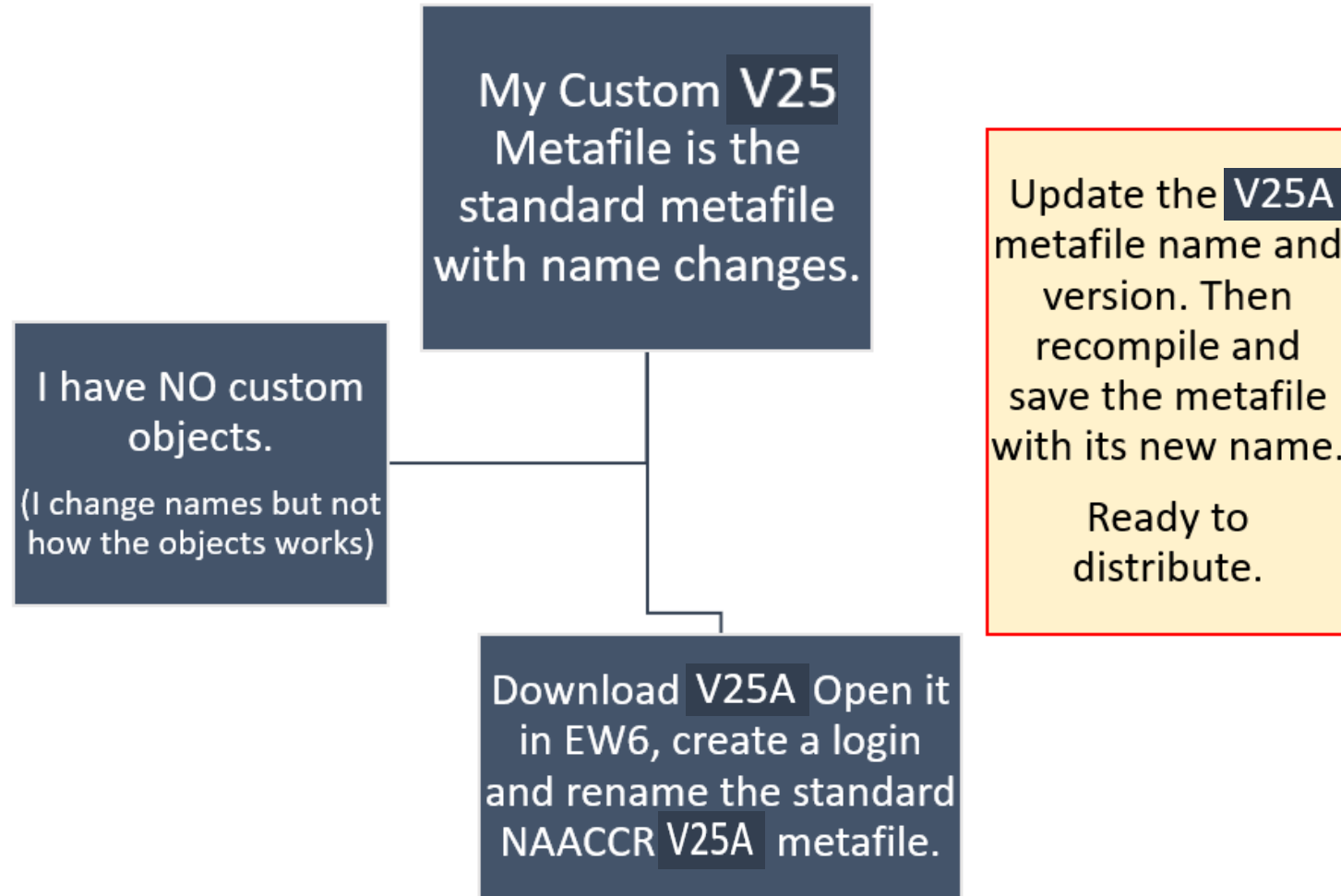Import **V25A** updates into your existing **V25A** custom metafile.

This PowerPoint focuses on this scenario. The other scenarios defined on the following slides are not demonstrated.

New Metafile Version Release (Scenario 2)

I have a custom V25 Metafile

(Built from a previous NAACCR metafile release)

I have a few custom objects that DO NOT depend on standard fields or edits

Import your custom objects directly into the V25A metafile.

After importing, update the metafile name and version. Then recompile and save the metafile with its new name.

Ready to distribute.

Division of Cancer Prevention and Control

Reliable. Trusted. Scientific.

New Metafile Version Release (Scenario 3)

My Custom **V25** Metafile is the standard metafile with name changes.

I have NO custom objects.

(I change names but not how the objects works)

Download **V25A** Open it in EW6, create a login and rename the standard NAACCR **V25A** metafile.

Update the **V25A** metafile name and version. Then recompile and save the metafile with its new name.

Ready to distribute.

PRIOR TO BEGINNING THIS PROCESS

❑ Review the NAACCR V25A changes spreadsheet
   ❑ [Standards for Cancer Registries, Standard Data Edits, Volume IV – NAACCR](#)

❑ Carefully review your custom edits and edit sets
   ❑ Many edits have changed (see Elaine's presentation)
   ❑ Intentionally introduce edit updates or dependency updates from V25A.
   ❑ All changes will need to be reflected in your custom edits/edit sets
   ❑ Always review the Required Status Table
   ❑ Update your Metafile Version and comments. These populate in validation reports.

EditWriter 6: Import Metafile Definitions

- Target Metafile
  - Metafile that will **receive** imported objects (Custom V25)
    - This metafile will receive updated objects from the standard V25A NAACCR metafile.

- Import Metafile
  - Metafile from which updated objects will be selected for import (NAACCR V25A)
    - This metafile has the updated versions of standard objects/dependencies.

Dependencies

- Import the updated NAACCR V25A metafile objects with Dependencies when prompted!
  - You want to have the most updated versions of all standard metafile dependencies in your custom metafile (fields, messages, tables, edits).
  - Most of the time, the *minor update* process requires importing **with** dependencies.

Download the V25A metafile from NAACCR

NAACCR v25A Metafile.20241024

[Standards for Cancer Registries, Standard Data Edits, Volume IV](#)

Download the V25A NAACCR metafile to any location on your computer. This is your IMPORT metafile.

Download NPCR's EditWriter 6

Download and installation

EditWriter

Download EditWriter Version 6.0.61.0: EW6_Install.zip ⧉ (compressed file, 8MB), release date September 12, 2024.

The download includes:

- Release notes and programmer documentation.

- A context-sensitive user help file.

- CStage0205.dll (for running Collaborative Stage edits).

- Configuration files for generating reports.

Download or verify you are using the latest version of EditWriter: NPCR–EDITS | CDC

Open Your V25 Custom Metafile First in EditWriter
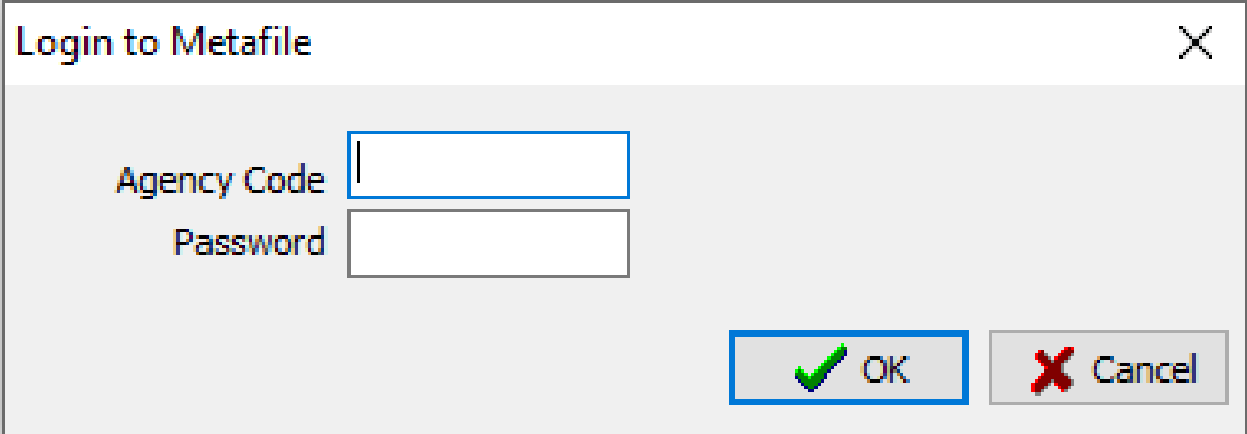
- Select OPEN and browse to the location on your computer where you saved your custom V24 metafile. Now select OPEN in the file window (lower right).
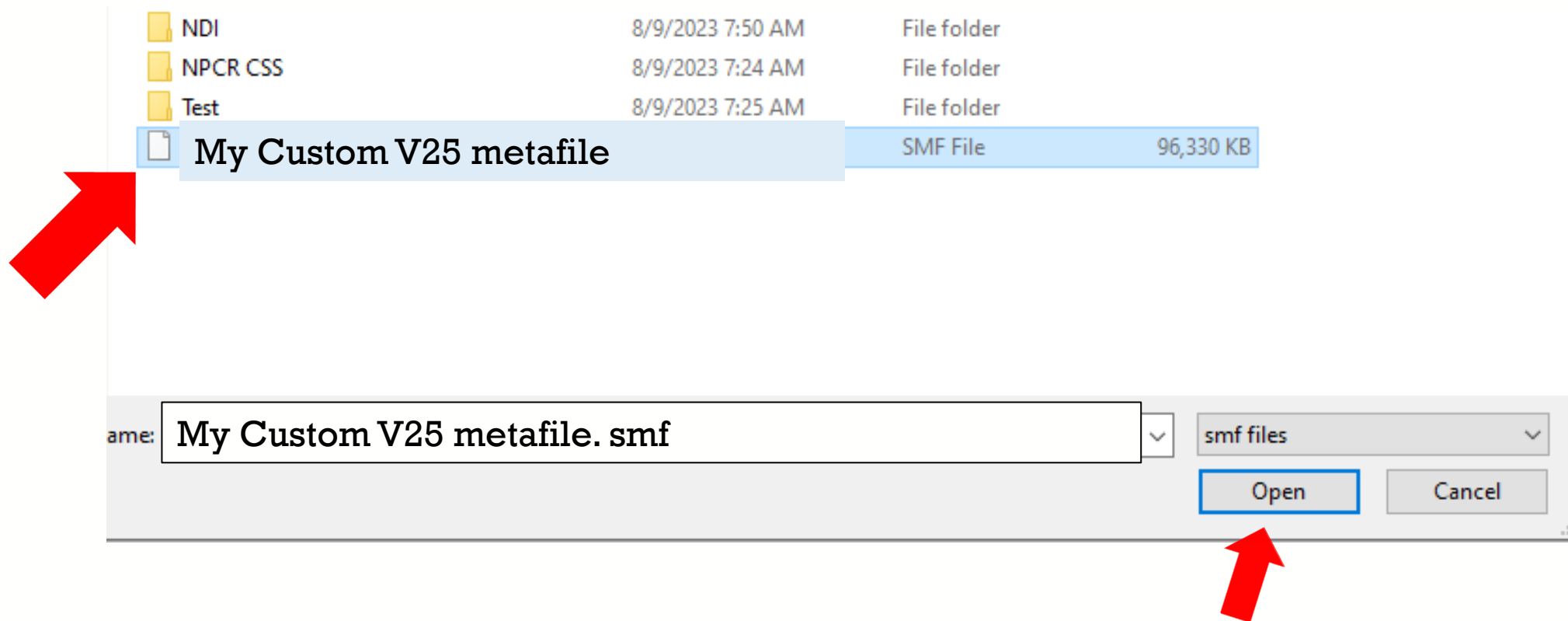
Login Prompt will appear

- Login to access and modify your existing custom metafile.

- Use your existing agency and password.

- We will import/open the V25A NAACCR metafile in the next step.

- All users need an agency code and password to modify a metafile.

- Never use NONE as your agency.

Instructions are found in the EditWriter help menu. Remember your credentials. NPCR does not have access to your application.

Login to Metafile   ✕

Agency Code [   ]
Password   [   ]

                              ✔ OK   ✘ Cancel

Import Metafile: Open The NAACCR V25A Metafile

Metafiles > NAACCR > V24A

Name	Date modified	Type	Size
NAACCR_v25A_ 20241024	10/24/2024	SMF File	96,357 KB

NAACCR_v25A_ 20241024 .smf

smf metafiles

Open   Cancel
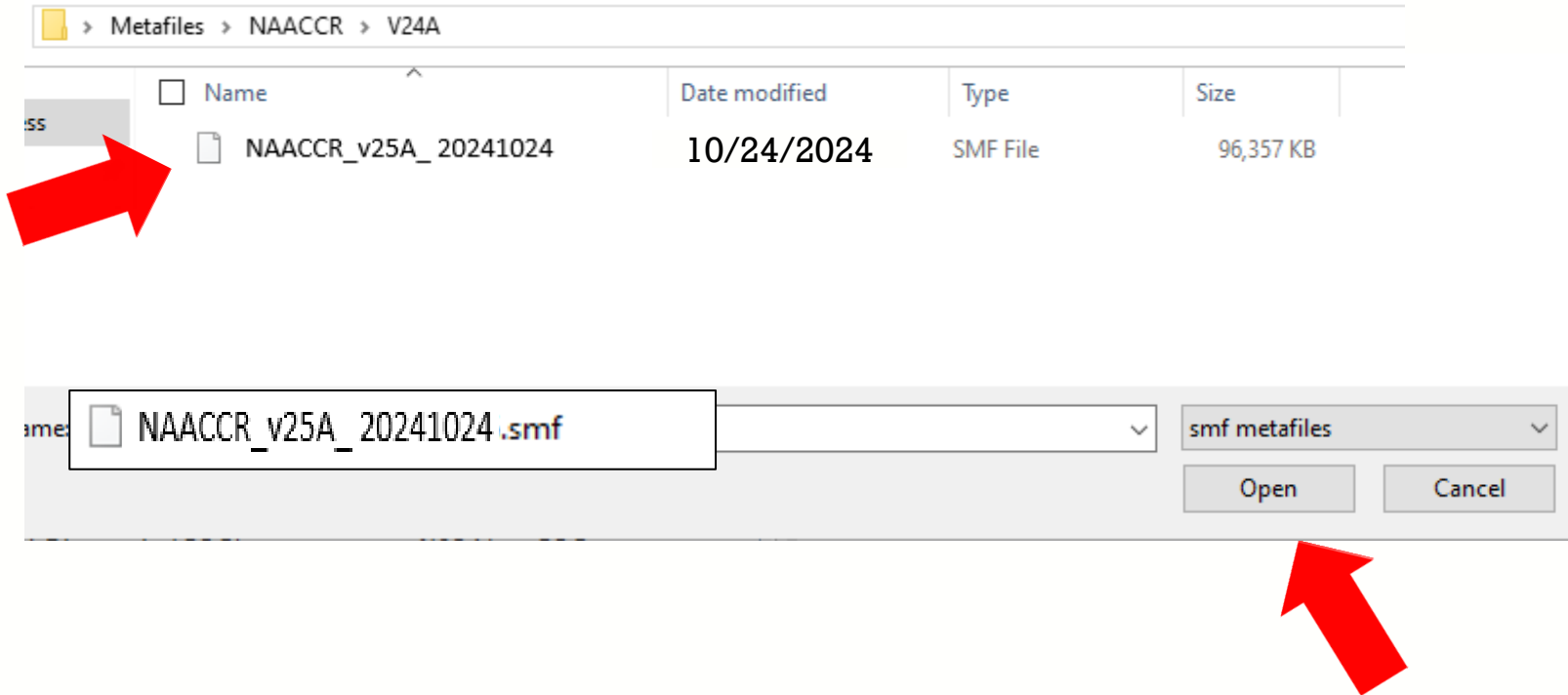
Select IMPORT from the EditWriter tool bar and browse to wherever you saved the V25A NAACCR metafile. Highlight the metafile and select OPEN in the file browser.

Edit Writer 6

No Agency to IMPORT for a Minor Update

We are moving in order down the MCO line.

Your agency does not exist in the standard metafile so this will be empty. Let's move on to Fields.

Import Field Update

Import V25A Messages Updates

We are moving in order down the MCO line.

Import V25A Tables

Import the updated ***Tables*** with dependencies!

(Review any other tables that may have populated here - if any. You may have removed these from your custom metafile.)

Import V25A Edit Updates

Import updated standard edits with dependencies!
- Many edit-related changes as we advance.
- Watch out for how these changes <u>may impact your previous customizations</u>. If your customized edit is built from one of these, you may need to recreate the custom edit.
- Email: cancerinformatics@cdc.gov for help.

Import V25A Edit Sets

Import Metafile

- ☐ Agencies
- ☐ Fields
- ☐ Messages
- ☐ Tables
- ☐ Edits
- ☑ Edit Sets

Show status
- ○ New objects only
- ○ Changed objects only
- ○ Conflict resolution needed
- ● All objects

Agencies match on Admin Code
Edits match on EditTag
Edit Sets match on EditSetTag
Fields match on FieldNumber
Messages match on MessageNumber
Tables match on TableName

New/Changed objects from: NAACCR v25A Metafile.20241024.smf

15 available for import

Objects selected for import into: V25 Custom

0 selected for import

Status	Object	Record Key	Tag	Agency
CHG	Edit Set	AJCC Edits	NES0500	NAACCR
CHG	Edit Set	Canadian Council of Cancer Registrie	NES0127	CCCR
CHG	Edit Set	Central Example Edits	NES0800	NAACCR
CHG	Edit Set	Central: Vs25 NPCR Required - Conso	NES0149	NPCR
CHG	Edit Set	Central: Vs25 State Example - Incomi	NES0150	NAACCR
CHG	Edit Set	Hosp: Vs25 COC Required	NES0344	COC
CHG	Edit Set	Inter-registry Data Exchange - Abstra	NES0600	NAACCR
CHG	Edit Set	Inter-registry Data Exchange - Conso	NES0601	NAACCR
CHG	Edit Set	Path Items	NES0052	NAACCR
CHG	Edit Set	Quality Control Edits-Central Registry	NES0003	NAACCR
CHG	Edit Set	SEER: Hospital Edits	NES0445	SEER
CHG	Edit Set	SEER: Vs 25 Transmit Edits	NES0334	SEER
CHG	Edit Set	SSDI Valid Value Edits	NES0502	NAACCR
NEW	Edit Set	test	1	AJCC
CHG	Edit Set	Vendor _SYS Edits	NES0351	NAACCR

Status	Object	Record Key

→ ← 📷 View 📄 Diff

Import   Stop   Close

> **Edit Set Import can vary by user agency.**
>
> - Add only the edit sets you want or add them all.
>
> - New edit sets targeted to specific tasks.
>
> - Be careful not to replace your custom edit set with a standard edit set (importance of renaming your custom objects)
>
> If you are not sure what to do here, contact: cancerinformatics@cdc.gov.

> Tip: For some users it is better to recreate your custom edit set. This will guarantee that you have the latest version of all dependencies.

V25A METAFILE VERSION DOCUMENTATION

- Documentation is one of the last metafile tasks before implementation in central registry software or distribution to reporting facilities

- Within the Edit Writer **Tools** menu, there is a feature for **Metafile Version and Comment**

- Facilitates communication among reporting facilities, the central registry, vendors, and edits staff who respond to queries and concerns about edits

Metafile Version and Comment   ✕

Content Version
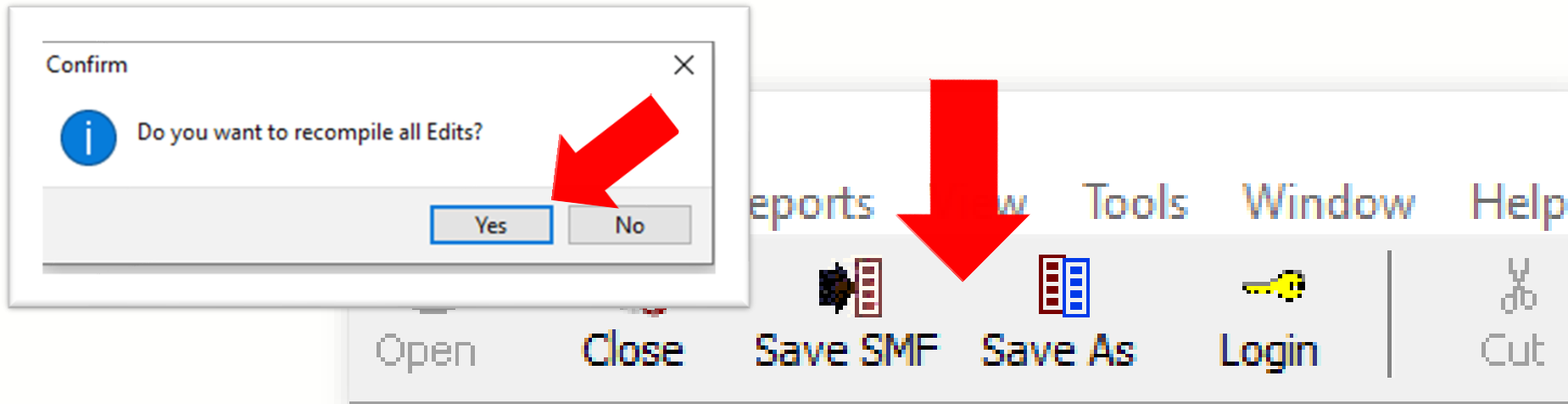
MMM_V25A Custom Metafile 20241025

Metafile Comment

Contact MMM:
Contact info for the Agency's Metafile Admin|

This will show on validation reports in GenEDITS Plus!

OK   Cancel

RECOMPILE EDITS AND SAVE YOUR METAFILE (SMF)

After recompiling and saving your V25A custom metafile with a unique name, your updated V25A metafile (once your custom V25 metafile) is ready for testing/distribution!

Note: **Save SMF** will save over the copy you originally opened. **Save AS** will save your changes as a new metafile. Either way, update the metafile name to V25A with agency code and today's date. *ex: V25A_ MMM_Metafile20241025.smf*

Resources

- **Edits Software Downloads:**
  - https://www.cdc.gov/cancer/npcr/tools/edits/edits50.htm

- **Knowledge Base:**
  - https://app.onedesk.com/app-od/o-regplus/knowledge-base-2?customerAccess=

- **Metafile and Data Dictionaries:**
  - https://www.naaccr.org/standard-data-edits/

- **Review the EditWriter Help documentation**
  - Now available through the Knowledge Base
  - https://app.onedesk.com/app-od/o-regplus/knowledge-base-2?customerAccess=

Thank you!

Go to the official federal source of cancer prevention information:

www.cdc.gov/cancer

Cancer Prevention Works

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.