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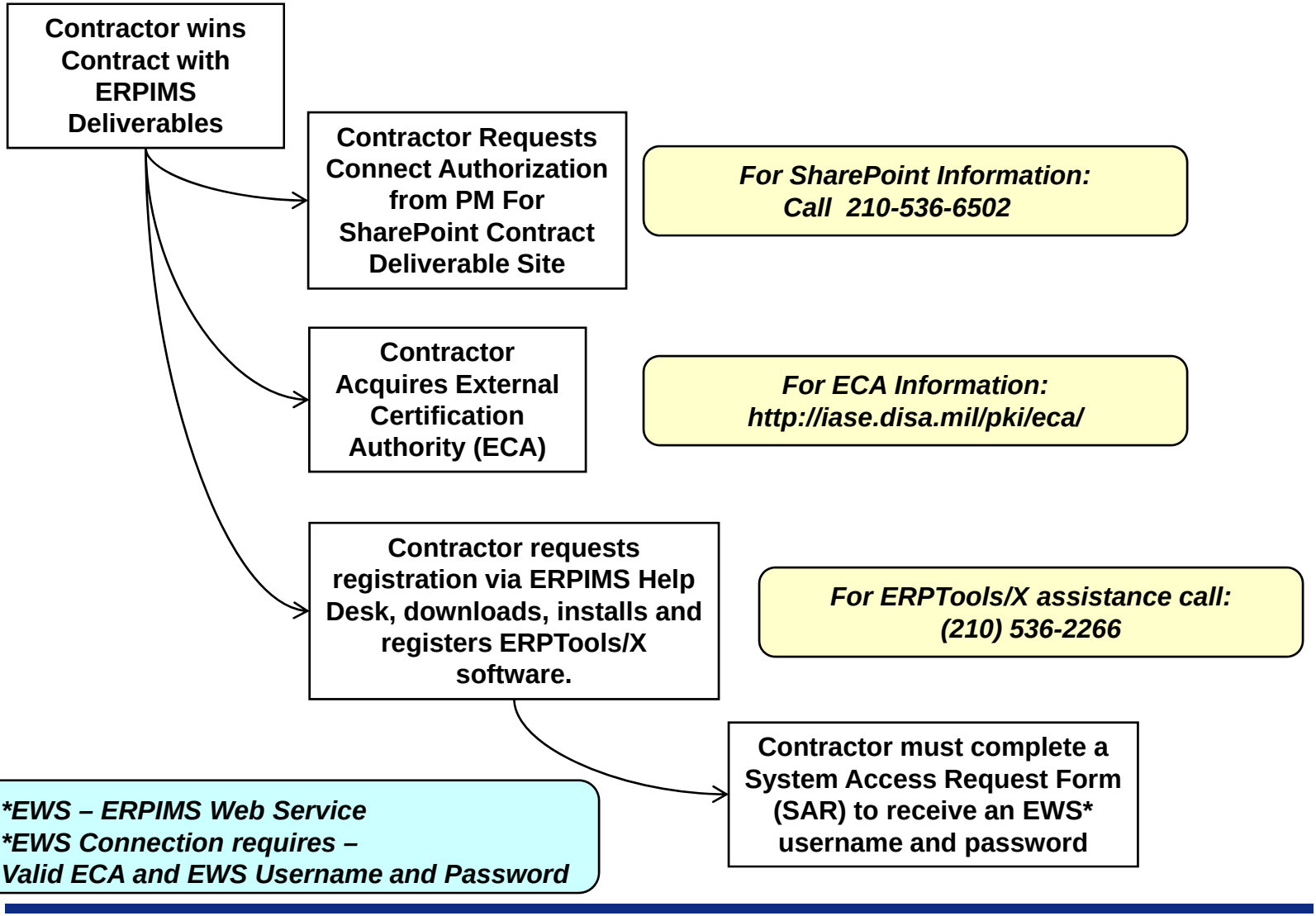
Pre-ERPTools/X Actions



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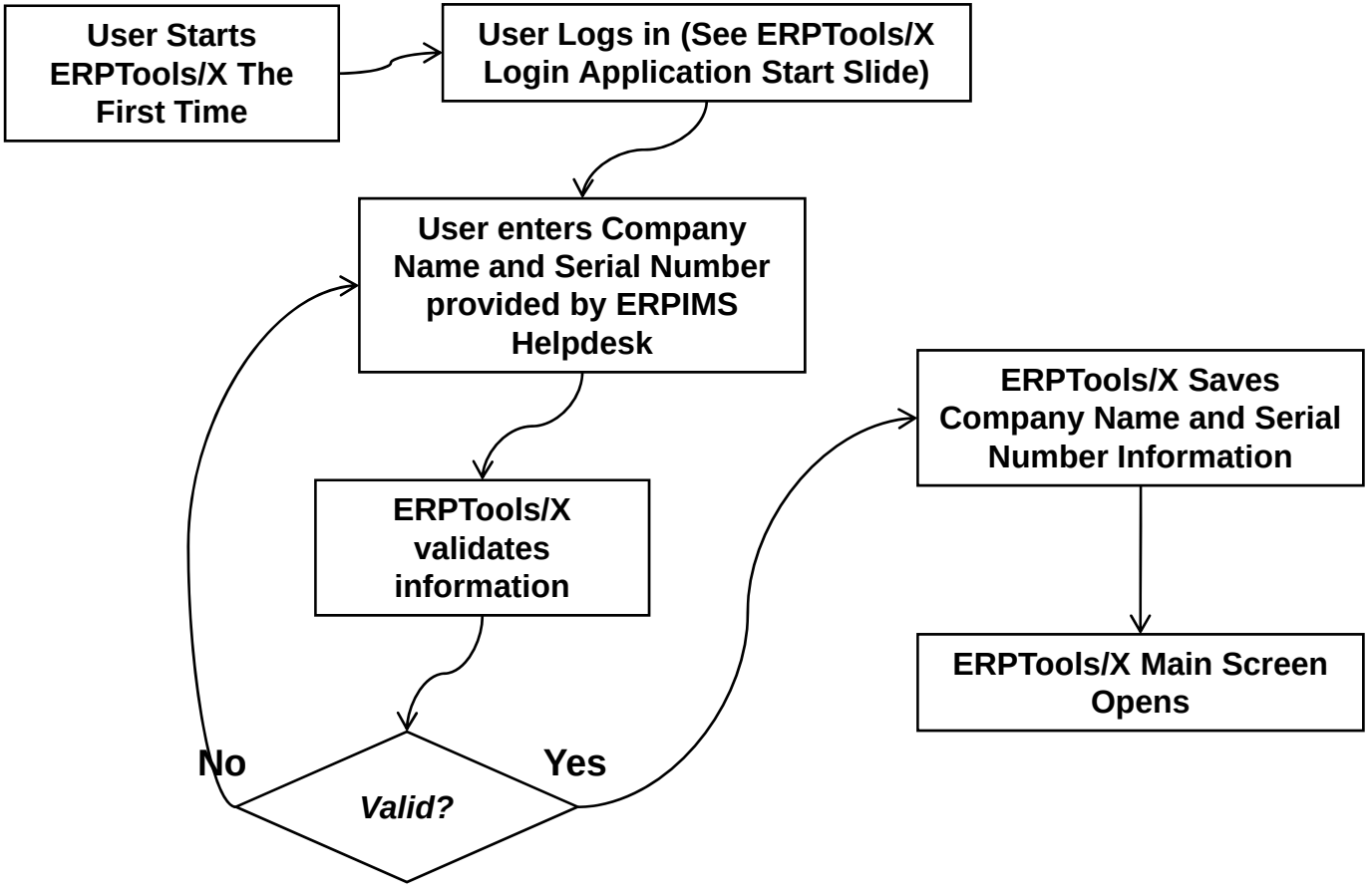
Post ERPTools/X Install



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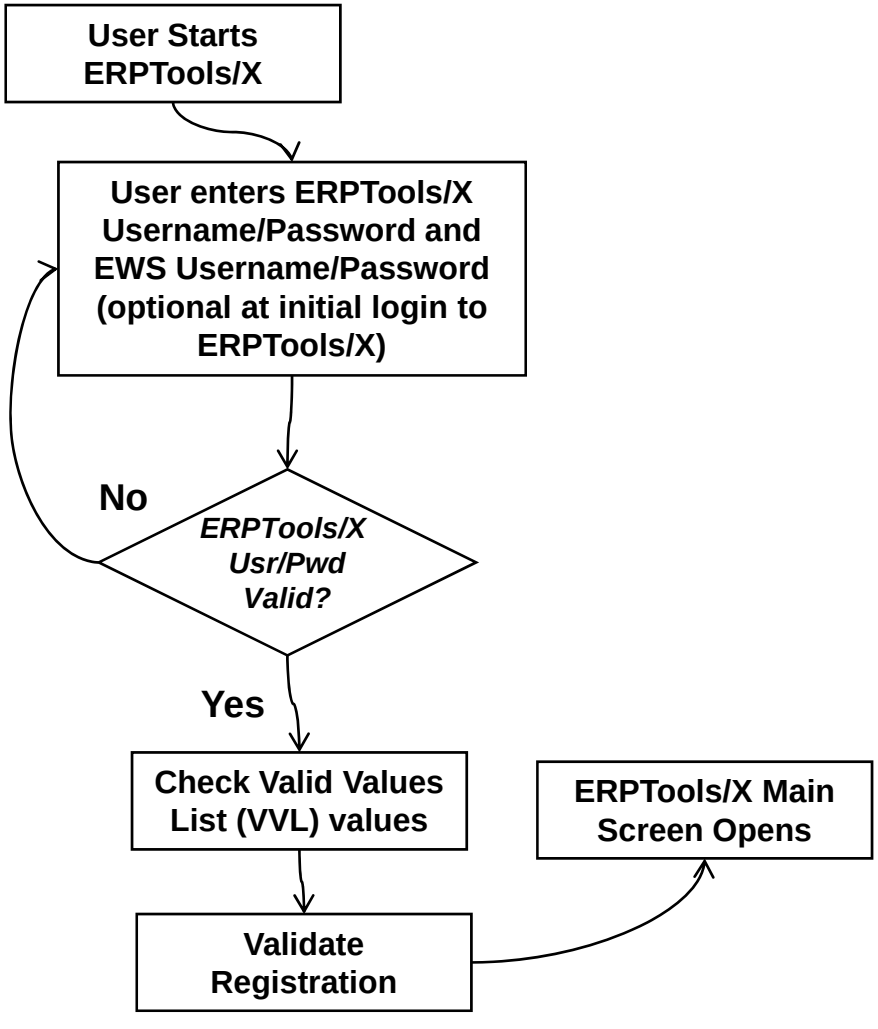
ERPTools/X Login/Application Start



**Requires EWS Connection*

VVL Validation

1. If VVLs are missing or more than one week has past since last VVL check
   a) Connect to EWS*
   b) Download required VVL Values
   c) Install required VVL Values
   d) Start Main Screen

Registration Validation

1. If Registration Information Exists
   a) Connect to EWS*
   b) Compare Registration to Helpdesk information
   c) Return Ok or Error Code
2. If doesn't exist
   a) User Enters Registration data
   b) Connect to EWS*
   c) Compare Registration to Helpdesk information
   d) Return Ok or Error Code

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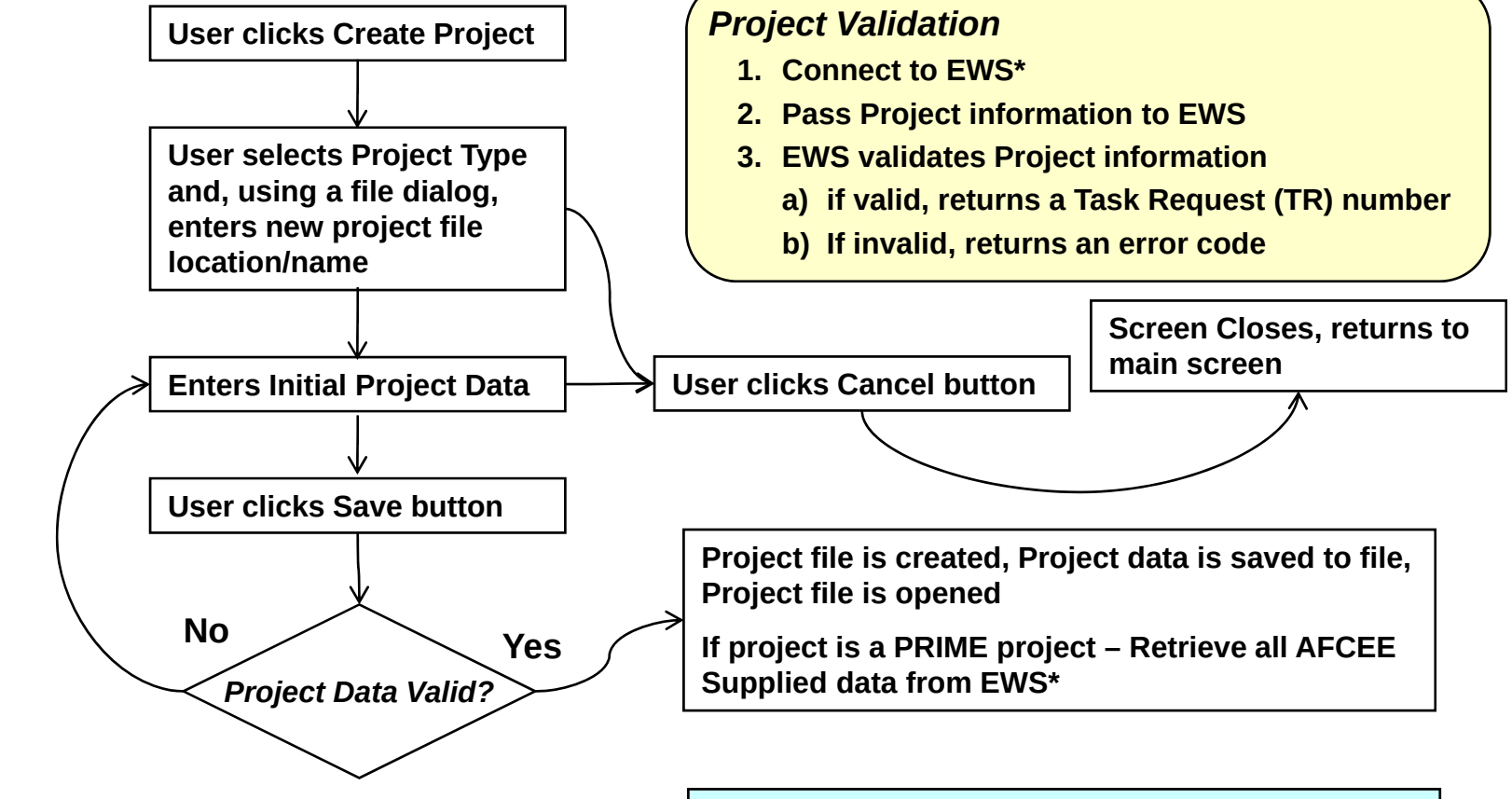
ERPTools/X Create Project

Assumes a valid login



Project Validation

1. **Connect to EWS***
2. **Pass Project information to EWS**
3. **EWS validates Project information**
   a) **if valid, returns a Task Request (TR) number**
   b) **If invalid, returns an error code**

***Requires EWS Connection**

***Lab Projects will be created by importing a file the Prime created**

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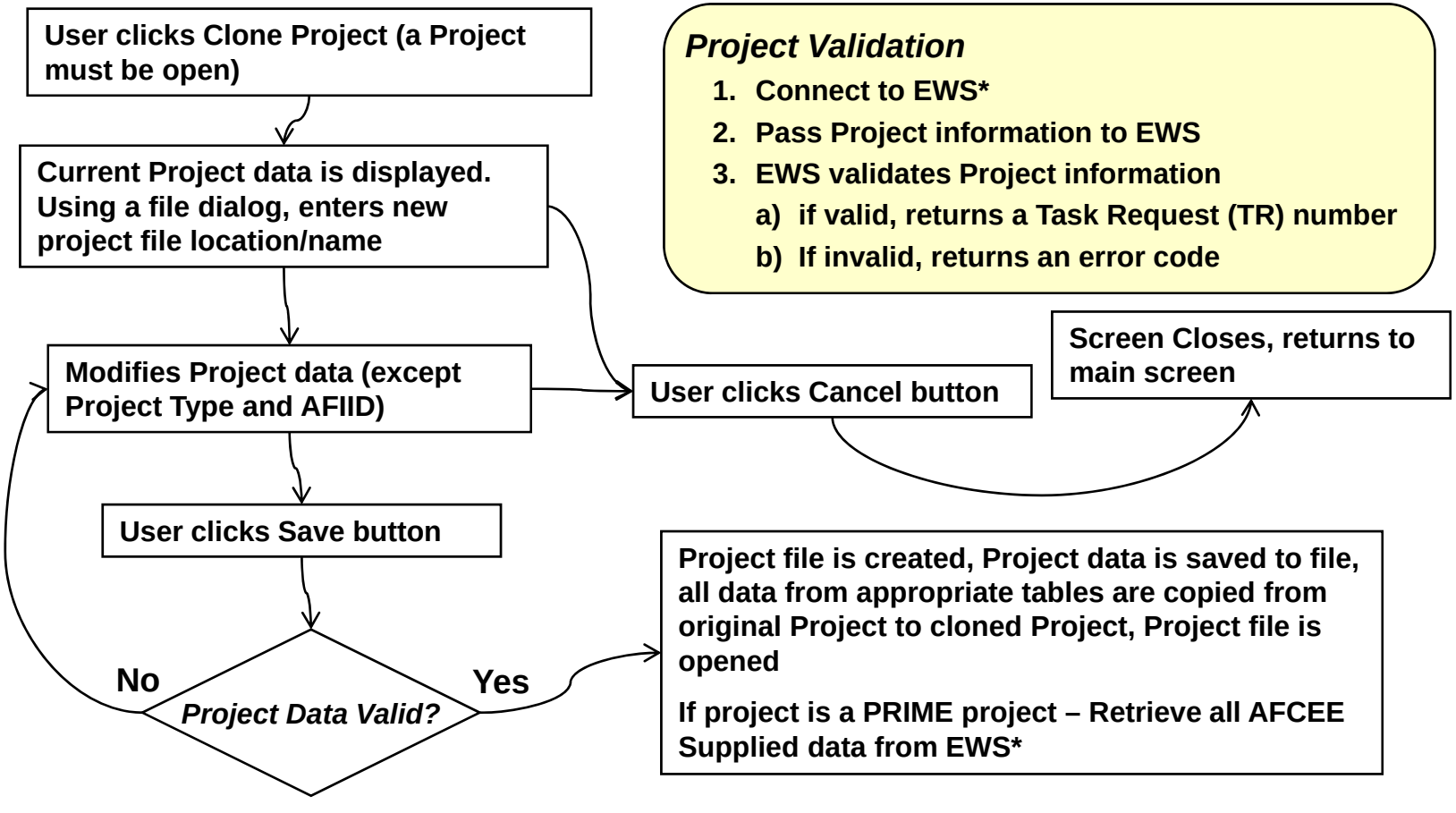
ERPTools/X Clone Project

Assumes a valid login



Project Validation

1. **Connect to EWS***
2. **Pass Project information to EWS**
3. **EWS validates Project information**
   a) **if valid, returns a Task Request (TR) number**
   b) **If invalid, returns an error code**

***Requires EWS Connection**

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ERPTools/X Validation

General Validation Information

- Three Types of Validation
  - Table
    - Data from an individual table or subset of an individual table.
    - Field and Record type rules.
  - Group
    - Data or subset of data from a group of tables (Groups I through V, where V is Lab data).
    - Inter-record and inter-table validation rules.
  - Delivery
    - Data or subset of data from a group of tables (Groups I – IV).
    - Similar validation as Group validation but requires EDL intervention and review
    - Considered “The Contract Deliverable”
    - Will also need to be sent to AFCEE’s SharePoint site (manual user process – not a part of ERPTools/X)

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ERPTools/X Validation

General Validation Information – Cont'd

- Validation occurs at AFCEE
- All validation will be run against most current validation rules
- Requires an EWS connection

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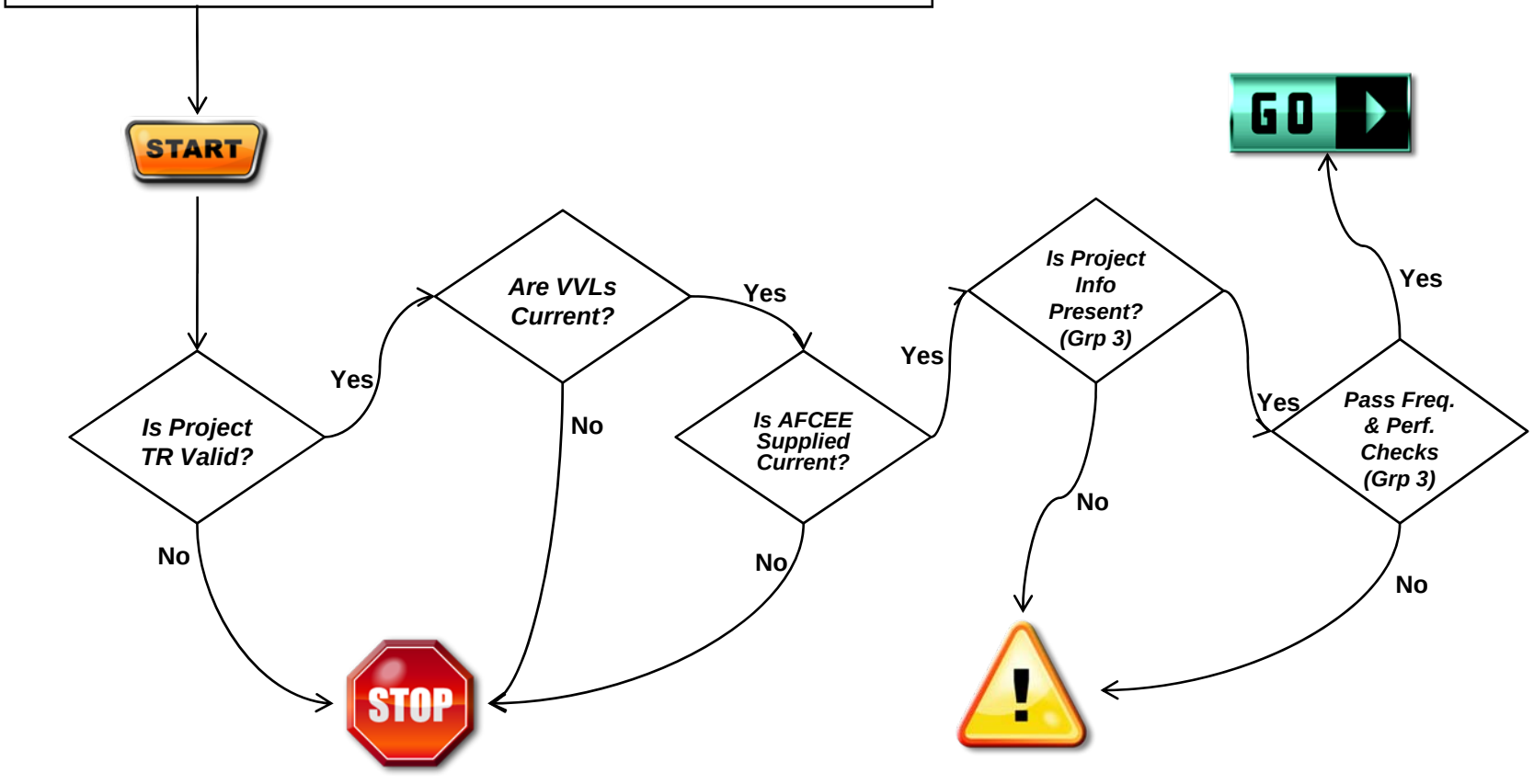
ERPTools/X Validation

Initiate Validation Process

User selects the type of validation to perform and, if necessary, limits the amount of data that will be validated



User informed of problem and validation process terminates

User informed of problem and asked if they wish to continue. If yes, validation process continues otherwise validation process terminates

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ERPTools/X Validation

Initiate Validation Process – Cont'd

ERPTools/X will package up the following data
- ✓ Project Data (Base Table)
- ✓ Project Frequency & Performance Data (if Group 3)
- ✓ Edits to AFCEE Supplied Data
- ✓ Deletes to submitted Data
- ✓ Table Counts (Meta-data Counts)
- ✓ Non-AFCEE VVLs
- ✓ Previously identified exceptions (Delivery only)
- ✓ The actual Data to be validated

ERPTools/X connects to EWS*

ERPTools/X transmits package to EWS

EWS returns FileID or error code for package

ERPTools/X logs resulting FileID or error code

Validation Process ends

**Requires EWS Connection*

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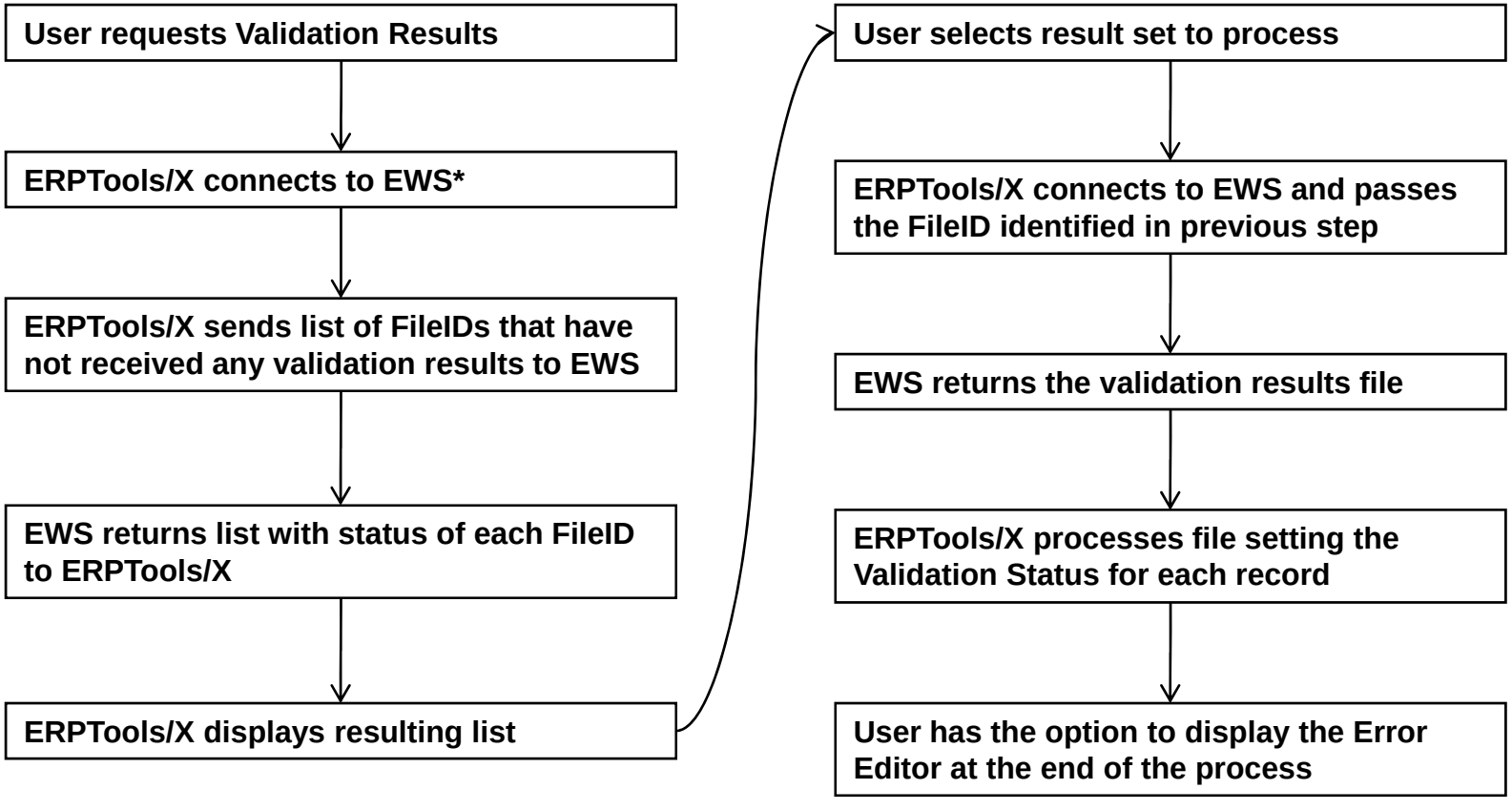
ERPTools/X Validation

Retrieve Validation Results Process



**Requires EWS Connection*