NWPS ORI Copy Utility

1. Designed to aide in backing up and moving field reporting ORIs from one server to another
2. This application is designed to start in ADMIN mode (as if it was ran with elevated permissions
3. The user account that is running this application MUST BE ABLE TO UNC PATH FROM ONE SERVER/MACHINE TO ANOTHER.
   1. I recommend only this application on the mobile server,

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# Graphical user interface, text, application Description automatically generatedCopying

* 1. The copy button is designed to be used with the Server Name and State Abbreviation boxes filled in.
  2. This goes to the remote server (the server name or IP in the Server Name textbox) and will back up all ORIs that match the state abbreviation found in the Aegis Mobile Folder.
     1. These compressed ORIs are dropped in the C:\NWS Hold\Field Reporting\Back Ups folder
     2. The name of the backup ORI is formatted like the following: ORICode\_YearMonthDay\_HourMinuteSecond\_ServerName
     3. I.E IL0163800\_20210507\_223716\_NWPSMMSTST
  3. At the same time this will look for all ORIs on the local server
     1. All ORIs found on the local server are backed up to that servers Hold Folder
     2. All ORIs found on the local server are backed up with the same naming convention as mentioned above.
  4. After Backing up both remote and local ORIs the ORIs from the remote server are copied over to the local server
     1. From the Back Up folder on the remote server to the Back Up Folder on the local server
  5. The compressed ORIs that contain the remote servers name will be decompressed overtop of the local ORIs.
  6. You will be prompted to run the ORI copy utility if multiple ORIs were detected during the above process.
     1. This is a 3rd party application used in copying field reporting forms from one ORI to another.
     2. If this application is not in the default location the application will be downloaded from <https://github.com/davasorus/FileRepository/releases/download/1.5/Copy.Field.reports.exe> and put where it should be and then run.
  7. The user will then be prompted if they want to push a update from the server. Either Production or Local
     1. Graphical user interface, application

        Description automatically generatedTerminology matches MMP verbiage
        1. Production pushes an update from the server to machines that are connected to that Mobile Server.
        2. Graphical user interface, application

           Description automatically generatedLocal pulls new data to the mobile server

# Graphical user interface, text, application, email Description automatically generatedLocal Back Up

1. Will look for all ORIs on the local server that matches the State Abbreviation text box.
   * 1. All ORIs found locally are backed up to C:\NWS Hold\Field Reporting\Back Ups folder
     2. The name of the backup ORI is formatted like the following: ORICode\_YearMonthDay\_HourMinuteSecond\_ServerName
     3. I.E IL0163800\_20210507\_223716\_NWPSMMSTST
2. Example

Graphical user interface, text, application

Description automatically generated

# Mobile Update Push

1. The user will then be prompted if they want to push an update from the server. Either Production or Local
   * 1. Graphical user interface, application

        Description automatically generatedTerminology matches MMP verbiage
        1. Production pushes an update from the server to machines that are connected to that Mobile Server.
        2. Graphical user interface, application

           Description automatically generatedLocal pulls new data to the mobile server

# NWPSORICopyUtility Log.txt

1. Designed to keep track of everything the application does at the date and time it was completed.
   * 1. What files were downloaded
     2. What folders or files were modified
     3. If the file does exist when the program starts up one will be created in the same folder.
2. The Primary way errors or exceptions are handled to ensure the stability of the program
   * 1. Exception stack traces are passed to this file and are written in full.
     2. Depending on the Error code there may be a translation from Error Code to English to better take care of issue.

# Automatic Update/Check Process

1. Overview
2. On Start up the client will reach out to a website hosting an API
3. Provided the client is configured correctly the API will return pertinent information
   1. ID at the Endpoint, Name of the Application, App Version, and Release Notes
   2. The client will then look to see if the App version coming in is newer than the version the application is currently running.
      1. If the number coming in matches what is currently being run then the application is seen as up to date, and does not need to download a new version.
      2. Graphical user interface

         Description automatically generatedIf the number coming in is larger (Newer) than the version that is currently running the user is prompted if they want to download a new version or not.
      3. The website to download the newest version can be found at <https://github.com/davasorus/FileRepository/releases/download/1.5/NWPS.Client.Admin.Tool.exe>
   3. If the user selects to download the updated version the client attempts to go the above URL and download the client. After the download finishes, the current running tool is backed up and closed down and the new tool is started in its place.
4. THE APPLICATION DOES THIS ON EVERY START UP AND DOES NOT NEED TO COMPLETE (OR RUN SUCCESSFULLY) TO USE THE CLIENT.