

M5 Department Interface

Interface Details – Reference Guide

Version 24.x

Last Modified 24.0 | March 2024

Inventory of Interfaces

| Ref | Interface Name | Notes |
|-----|---|-------|
| 1 | Unit Department Assignment Update (M5-DEPT-INTF-BATCH) | N/A |



The M5 Department Interface was converted from VB to UIA and now uses comma-separated .DAT text files instead of .CSV files.

Interface Details

Interface Name: Unit Department Assignment Update (M5-DEPT-INTF-BATCH)

Interface Owner: M5 Support

Interface Type: Batch

Frequency: Requested or Scheduled

Data Passed: Run-time parameter values for:

- Input File Path – Used as path for input file.
- Output File Path – Used as path for output file.
- Email Notification Address
- Input File Prefix – Allows the interface to check for the specific input file name.

Input data file selected is from the INPUT FILE PATH directory from the run-time parameter with a file prefix equal to the value from INPUT FILE PREFIX. This input file contains the following comma-delimited data:

- Unit Number
- New Owner Department
- New Using Department

Source System Contacts

Target System Contacts

Record Format: Comma-separated .DAT text files (Unit Number, Owning Department, Using Department).

Selection Criteria: According to the Unit Number value in the input file.

Process Description

This interface is a batch process that will change or assign the Owning and Using department assignments in M5 for the unit specified.

The interface will use the director paths defined in the INPUT FILE PATH and OUTPUT FILE PATH to find the input file and distribute the output log.

The interface will search for a .DAT file in the input directory with a file name prefix equal to the value in the run-time parameter INPUT FILE PREFIX and will use this data as the input to the process.

After complete, this input data file will be moved to the output directory and the name changed to include the current date. If this interface is executed multiple times in a day, the interface will append the current date as well as a number to make the output unique in the output directory.

For any input transactions that could not be processed, this interface will use the standard Interface Reject Manager frame (previously, in the Visual Basic Interface, rejects were written to an output text file).

If the owner or using department columns in the input file are empty, the interface will not attempt to change the assignment. The interface does require at least one of these values to be present for a unit being processed.

For example

Run-time Parameters:

INPUT FILE PATH = c:\m5\tmp (or could be an environment variable)

UNIT ITEM = BUDGET CODE

OUTPUT FILEPATH = c:\m5\tmp

INPUT FILE PREFIX = DEPT

The interface will look for a .dat file prefixed with DEPT in the c:\m5\tmp directory. The data contained in the input file will be enacted upon and the entire file moved to the c:\m5\tmp directory.

If the original name of the input file was deptasn.dat, after execution the file deptasn_6202003.dat would be found in the c:\m5\tmp directory.

| Ref | Field and Description Format | Notes |
|-----|---|---|
| 1 | Unit Number - 7 Characters | Must be a valid Unit Number from Unit Main with a Unit Type of U. |
| 2 | Owning Department - 10 Characters in length | Must be a valid Department on Unit Main with a Unit Type of D. |
| 3 | Using Department – 10 Characters in length | Must be a valid Department on Unit Main with a Unit Type of D. |

| Ref | Possible Failure Point | Correction Notes |
|-----|------------------------|------------------|
| 1 | | |
| 2 | | |

Updates

| Release | Section | Description |
|---------|--------------|--|
| 23.2 | All sections | Applied miscellaneous writing style updates throughout the document. |
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