

Updating from a Remote Data Folder

You can run a copy of the CMMS on a USB drive at a remote computer, then return to the host computer and update from the USB drive. Davison CMMS is a self-contained system. The CMMS will run from the USB drive on any Windows computer without an installation procedure. The CMMS is copy-protected to that USB drive. Just plug it in to any remote computer, and then click on "RunDavisonCMMS".

Updating only work orders – Procedure

The "Import" button in the work order window has this menu:

- Copy to Remote - NOT Work Orders

Copy all data except work order information to the remote. If you are only using the remote for completing work orders, run this only to refresh equipment information on the remote.

- Copy tagged Work orders Only to Remote

Copy only tagged or scoped work orders to the remote. You might want to copy different work orders to different remote drives for different personnel.

- Update from Remote Work Orders Only

After personnel are done changing the work order information on the remote, update from that remote.

- Details:

This procedure is intended for the "Work Order Change" command on the remote (USB) drive.

Example shortcut Target: E:\DMSystem\WORqBrow.EXE 4LMN

Adding work orders is not allowed. To add work orders: WORqBrow.EXE 6LMN

Updating from a remote - Procedure

In most cases a USB drive will be provided to you with Davison CMMS installed ***.

This procedure is the same for updating from another data folder, whether it exists on a USB flash drive or on a network or local hard drive.

To update Davison CMMS or PredictMate ® on the **host** computer:

At the **host** computer open Davison CMMS or PredictMate.

1. *Optional:* Select "File, Backup data, Backup data". You might need to restore this backup.
2. Select "File, Import, Update from Remote".
3. Follow the prompts to update from a **remote** data folder x:\DmSystem\DATA.

Check the **host** for your changes.

4. *As needed*, refresh data at the remote. This will overwrite your remote changes with data from the host:

At the **host** computer, in Davison CMMS or PredictMate, select "File, Import, Copy All to Remote". Follow the prompts.

Some uses of the remote:

Work orders: Add new work orders. Close work orders. Change description, parts, or other information.

Parts: Add new inventory. Change the quantity in stock.

Equipment: Change or add information to each equipment record.

Preventive Maintenance: Close completed PM. Print scheduled PM. Add or Change PM.

Predictive Readings: Add or change readings.

USB flash drives can wear out faster than a computer hard drive. They have a limited number of write and erase cycles before failure. But, depending on your use, the USB drive could last for years. Backup data from the remote USB drive often. A command is provided for backup: RunBackupData.cmd.

A host is considered to be the primary location of data. The remote (data folder on a USB flash drive or other location) is secondary related to the host. A yellow box appears at the upper right of the window in the remote, indicating the host source. Update the CMMS, including adding equipment, parts, or work orders, the same as you would in the host CMMS.

Key Codes in a remote

Do not change the following key codes in the remote because the changed code would appear to be a new code for the host, adding a new record to the host during the update procedure. But you can add new key codes and change all other information for updating the host.

In a remote system, you are warned when key codes are changed during edit.

Key codes that were created originally in the host that should not be changed in the remote:

- Equipment unit and component codes in the equipment window or work orders.
- Location code in the Locations window.
- Work order number
- Personnel ID code in the Personnel window.
- Part number in the Parts/Inventory window.
- Part groups in the Part Group window
- Priorities and Cause codes in the Priority and Cause windows.
- (Any key code that is a unique identifier of a record.)

You can add new Equipment, etc. and change any of these codes in other windows, like the Personnel ID or priority in a work order, or a location code for equipment.

Deleting records

Anything deleted in the remote will not be deleted in the host.

Work Order Numbering

The following applies when new work orders are added at both the host computer and the remote drive. When you add new work orders on the remote, the work order number on the remote might be temporary. When you update the host from the remote, new work order numbers will be numbered sequentially from the latest work order in the host. This changes only if other people have entered new work orders in the host. But, if you manually enter a work order number with a beginning character, like "A00000220", it will usually remain the same in both remote and host.

Therefore, at the remote you might prefer to enter work order numbers with a beginning character, like "A00000220" or "ABC000220". The beginning character(s) should be reserved for that remote drive.

Work orders between host and remote are identified by work order number and are considered identical by Unit code + component code + type (Corrective or Preventive) + date and time requested. If an identical host work order exists, the remote work order is not added, but will update the host.

When you change existing work orders that were copied from the host CMMS on a remote drive, you should not change the date and time requested in work orders. Usually the date and time requested is not changed and of no consequence to someone changing the work order.

When a remote work order is added to the host, the work order will usually be assigned a different work order number that is unique to the host. Remote work orders that were added and the work order number begins "0" with all numbers are assumed to be automatically created. In the CMMS see [Work Orders](#) Automatic Work Order. Other work order numbers will be added as is if they do not already exist in the host system.

Any record is updated in the host only when the date and time of the remote record is greater than the date and time of the host record. This date and time of the latest change to a record is recorded in hidden fields that are visible after you select "Show user fields..." from the Actions menu.

To install Davison CMMS to a USB drive:***

1. Run InstallToUSBFlash.exe to the root directory of the USB flash drive.
2. Run DM_Setup.exe to x:\DMSsystem where "x" is the drive character of the USB flash drive.
3. If you installed Davison CMMS to the remote USB drive without copying data:
 - A. At the **host** computer, In Davison CMMS backup data from the host system. Select "File, Backup

Data, Backup Data". Follow the prompts to create a ZIP file.

B. At the **remote** drive, In Davison CMMS restore data. Select "File, Backup Data, Restore Data". Follow the prompts to select the ZIP file.

Options:

You can limit the information on the remote drive by deleting equipment and related information on the remote system.

You can prepare a data folder for each remote drive, and then copy it to the drive. See [Data Folders – Multiple](#).

The remote can be a folder data on a computer hard drive. See [Folder for data files](#).

In the remote you might prefer to archive work orders or predictive readings in the data folder for the remote. This keeps the remote database small and keeps the latest work orders or readings as a reference. In the CMMS see [Work Order Archiving](#) . In PredictMate see [Archive Readings](#) .