

# DQMAPSVR RELEASE NOTES

Subject: DQMapSVR Release Notes

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Version: 1.0



## DQMapSVR v7.2.99

New version available in downloads - DQMapSVR v7.2.99 (20210222)

1. Bug fix – the RunTripReturnEstimateNoETR service was not also calling the UpdateDeviceReturnEstimates which it probably should be.

## DQMapSVR v7.2.98

New version available in downloads - DQMapSVR v7.2.98 (20210112)

1. Added new service – ‘Update trip return estimates when trip reaches defined status - No ETR trips only’.
  - a. This allows you to run the return trip estimates on only trips that have not had their ETR calculated yet, but are at the trip return status.

## DQMapSVR v7.2.97

New version available in downloads - DQMapSVR v7.2.97 (20210111)

1. Fixed issues with saving dLastGeoCoded date to database. Improved logic should now exclude those jobs/orders from being geocoded over and over again.

## DQMapSVR v7.2.95

New version available in downloads - DQMapSVR v7.2.95 (20210108)

**\*\* Requires db script update 20210108 or newer \*\***

1. Trip Return Estimates should be able to recalculate every Returning trip every time that it runs. The filter, ETR IS NULL was removed, so it should now pull back every trip that is at the returning status even if it's ETA was already calculated.
2. New flag added to customerjobaccount\_tbl, AddressChanged. Also a new trigger was added and it will set this flag anytime the address, address2, city, state or zip is changed on a record. Also, if the address changes, the dLastGeocodeAttempt will be reset to NULL so that we know we can try to re-geocode the address again.
3. Trigger on order\_tbl updated to reset the dLastGeocodeAttempt flag to NULL when the address changes.
4. Checks added to the geocoding logic to not attempt a re-geocode on an order/job that has already been attempted to be geocoded. This is to help decrease the number of hits to Bing. It will still try to get the lat/long from address mapping if that option is in affect.



## DQMapSVR v7.2.94

New version available in downloads - DQMapSVR v7.2.94 (20210104)

1. Bug fix: Route Time values passed the to GetRouteDistance function calls were being passed as double when then needed to be passed as integer. This was causing the values to always be returned as 0. All calls to this routine are now being passed as integer.

## DQMapSVR v7.2.93

New version available in downloads - DQMapSVR v7.2.93 (20201201)

**\*\* Requires db script update 20201201 or newer \*\***

1. Bug fix: UpdateTripEnrouteAdjustETA – the current server time was being used to set the ETA instead of the current local time.
2. FixAccountsWithBadLatLong – now saves a timestamp to the dLastGeocodeAttempt column on both the job and order table. Requires latest db update script.
  - a. The timestamp is set after an attempt to geocode the job/order is made.
  - b. Next time the query runs, if the timestamp is already set, it will not try to geocode the address again.
3. For UpdateTripReturnEstimates, UpdateDeviceReturnEstimates and UpdateTripEnrouteAdjustETA, current traffic conditions will be used to calculate the ETA.

## DQMapSVR v7.2.91

New version available in downloads - DQMapSVR v7.2.91 (20201110)

1. For new installs, some services are turned on and set with default settings.
  - a. Found under the Admin -> Services tab.
  - b. You must still hit the Save button to save these default settings to the schedule file.



## DQMapSVR v7.2.89

New version available in downloads - DQMapSVR v7.2.89 (20200520)

**\*\* Requires db script update 20200520 or newer \*\***

**\*\* Requires TableInserts\_20200520 or newer \*\***

1. Adjust ETA for Trips – added new option, ‘Minimum wait time from TripTimeOut’.
  - a. Found under Services tab.
  - b. The query will only process trips whose TripTimeOut was at least X minutes ago. This should prevent AdjustedETA getting written too quickly to the trip audit table.
  - c. Since the TripTimeOut is a local time and the sql server may or may not be in the same timezone, I’ve added some helper timezone tables and functions to the db which is why the db update is required. Also these timezone tables need to be populated with data, so that is why the TableInserts is also required.

## DQMapSVR v7.2.87

New version available in downloads – DQMapSVR v7.2.87 (20200129)

1. When the app starts it will try to convert the old schedule file format to the new schedule format. It’s probably a good idea to check it just to verify conversion and make sure services are scheduled correctly.
2. The logging history folder option was removed. Old log files will just remain in the same folder as the log files.

## DQMapSVR v7.2.86

New version available in downloads – DQMapSVR v7.2.86 (20200128)

1. A schedule can now be set per service.
  - a. The Windows Service tab has been removed.
  - b. Found under Connection Properties -> Services tab -> Click the ‘...’ button to pull up the schedule window to set a distinct schedule for each service.



## DQMapSVR v7.2.85

New version available in downloads - DQMapSVR v7.2.85 (20200124)

1. Updated reference to DQMapper – adds Entity type mapping back in for Bing geocoding. Confidence = High was recently added, but that is not enough. The entity type (address or rooftop) still needs to be considered.

## DQMapSVR v7.2.84

New version available in downloads - DQMapSVR v7.2.84 (20200116)

1. Found bug in previous release with the address mapping function – fixed.

## DQMapSVR v7.2.83

New version available in downloads – DQMapSVR v7.2.83 (20200116)

1. Added new AddressToLatLongWithMT4 web service call. This call can return the address information that was used to geocode the address. This can be useful to compare the passed in address to the address that was ultimately found.

## DQMapSVR v7.2.81

New version available in downloads – DQMapSVR v7.2.82 (20191122)

1. Pointed to updated DQMapper.dll that fixes the TravelDistance bug.

## DQMapSVR v7.2.81

New version available in downloads - DQMapSVR v7.2.81 (20191115)

1. When addresses are geocoded by the Bing mapper, the geocoded results must now meet the minimum requirement of 'Confidence=High', which means that a strong match was found. Previously, the confidence level was not used to filter results and some geocoded addresses would be way off.



## DQMapSVR v7.2.79

New version available in downloads – DQMapSVR v7.2.79 (20191030)

**\*\* Requires db script update 20191030 or newer \*\***

1. Bug fix – route time from Bing was changed to minutes, but it was still being converted to hours as though it were in seconds. That has been fixed.
2. Services:
  - a. Services have been rewritten to run in their own thread and write to their own log files.
  - b. The services tab in the Admin has been reformatted for this new style. Each service can be selected in the list and its properties can be changed below.
  - c. The Windows Service tab now has a scheduler grid so that the schedule time range can now be set. i. The schedule interval sets how often the service will be run, however if the service is still running, it will not be started again.
  - d. New Service – Fix trips with bad mileage. This service will look for trips with bad mileage - either the Mileage or MileageIn-MileageOut is negative or greater than specified max trip mileage.
  - e. New Service – Adjust the ETA for trips that are enroute. Based on the device's current location, it will calculate the ETA to the next order and update that order's Adjusted ETA and MilesFrom (new field).
3. Logging – Windows services now log to their own log file found under the services install folder the log file settings can be found under the General tab. Web service calls will continue to log to the event log.

## DQMapSVR v7.2.78

New version available in downloads - DQMapSVR v7.2.78 (20190904)

1. TransferETA - an attempt will be made to try to get the parent order's transferETA from the child's Bing calculated ETA. If it's not able to get that transferETA, then the TravelTime stored in the transfer table will be used.

## DQMapSVR v7.2.74

New version available in downloads - DQMapSVR v7.2.74 (20190726)

1. Each windows service now runs on a separate thread. This should make the services run in a more timely manner and not have to wait for the other windows services to complete.
2. The previous install, 7.2.71 had an error in the build. The DQMapper.dll had the wrong version number, so when upgrading from that version to this version, you will probably have to uninstall that version first before installing this version, otherwise that dll will be updated.



## DQMapSVR v7.2.71

New version available in downloads - DQMapSVR v7.2.71 (20190724)

1. Bug Fix - wrong field referenced in query. This bug was introduced in version 7.2.67, so any customers on that version should be updated.

## DQMapSVR v7.2.61

New version available in downloads - DQMapSVR v7.2.61 (20180907)

1. Updated reference to DQMapper, adding hook to DQMapper logging.

## DQMapSVR v7.2.60

New version available in downloads - DQMapSVR v7.2.60 (20180522)

1. All mappers (Bing, Alk) are forced to non-metric calculations. The values will be stored as mileage in the database. If they need to be converted to metric for the users, then that will be done on the gui side.

## DQMapSVR v7.2.56

1. Added Alk REST Service as a new mapping option.
2. Moved 'Routing' option to each mapping tab to better set the routing options that are available to each mapper.