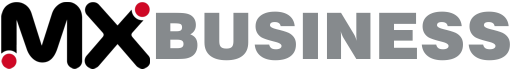
**Release Notes**



**5.6.5.012479d**

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# Introduction

## Deliverables

|  |  |
| --- | --- |
| **Products Affected** | **MXBusiness** |
| **Release Status** | Production Release |
| **New Version No.** | V5.6.5.012479d |
| **Previous Version** | V5.6.4.10d9415 |
| **Operating Systems** | Windows 11  Windows 10  Windows Server 2016  Windows Server 2019 |
| **Processor** | **x64-bit only** |

## 

## Installation Instructions

### Installation

* Save existing project using the File > Save As menu.
* Uninstall previous version(s) or instance(s)
* Reboot the PC.
* Ensure any anti-virus software is configured to allow installation.
* Browse to the location of the extracted files and run the file named **Setup.exe**.
* Follow the on screen prompts.
* Start up the new instance.
* During 1st run wizard, import the saved project.

#### Installation Prerequisites

* You will require local administrator rights to install the software correctly.

#### Database Purge

When performing support activities it is necessary to upgrade/downgrade between versions of MXBusiness. Sometimes when downgrading the database incompatibilities occur which will prevent MXBusiness from loading. When this occurs it is necessary to purge the database using a file “purge.bat” which will be created in the instance installation folder.

Note: each “purge.bat” file is uniquely tied to the specific instance

# Change History

## Version 5.6.5.012479d

### Changes & Features

1. **#4546** Added parameter 2 for function type 132 (Screensaver Password)
2. **#4547** Added design parameter for function type 28 (More Keyboard)
3. **#4548** Fixed wrong parameter value for function type 5 (Item Override)
4. **#4549** Added Exclude from Receipt Discounts setting to product editor

### Defects

None

## Version 5.6.4.10d9415

### Changes & Features

1. **#4536** Added support for Xtra v5.6
2. **#4531, #4532, #4537, #4538 , #4539, #4541, #4542** Add parameter support for various functions. For details about the use of these parameters please consult the scale release note.

|  |  |  |  |
| --- | --- | --- | --- |
| **Function Type** | **Function Description** | **Parameter 1** | **Parameter 2** |
| 5 | Item Override | 3 = Label Format Override  4 = Barcode Format ID | Label for barcode format ID depending on Parameter 1 |
| 28 | More User Functions |  | Keyboard ID |
| 64 | Sales Mode | Mode ID |  |
| 77 | Received on Account | 1 = Loyalty card deposit |  |
| 128 | Print Package Barcode |  | Message ID’s to be displayed |
| 101 | Prepack Toggle | 0 = Revert to default sales mode  ID = Revert to the mode specified |  |
| 133 | Surcharge | Empty = General Surcharge  1-9999 Surcharge ID |  |
| 132 | Screensaver Password | Password to unlock scale for use | Empty = Manual locking  1 = Automatic locking |

1. **#4544** All functions not using parameters will now allow free entry of both parameters. This gives forward compatibility enabling changes to function parameters to be made on the scale without the need to upgrade MXBusiness.

### Defects

None

# Known Issues, Limitations and other information

## Licencing and User Accounts

### Purchased Licences

MXBusiness support several different purchased licences for its different modes of operation-

1. **MXBusiness Pro Purchased Licence** (business mode).

This license allows multi-store and price banding features it also includes a scale count (default/minimum 20 – increments of 1)

Note: If the number of scales (standalone, server, client and peers) exceeds the licenced count then normal communications (e.g. PLU downloads) will be blocked.

1. **MXBusiness Purchased Licence** (business mode).

This licence includes a scale count (default/minimum 20 – increments of 1), multi-store and price banding features are not available.

Note: If the number of scales (standalone, server, client and peers) exceeds the licenced count then normal communications (e.g. PLU downloads) will be blocked.

1. **MXBusiness Lite Purchased Licence** (business mode).

This licence allows communications to XS scales only.

This licence includes a scale count (default/minimum 20 – increments of 1), multi-store and price banding features are not available.

Note: If the number of scales (standalone, server, client and peers) exceeds the licenced count then normal communications (e.g. PLU downloads) will be blocked.

1. **Report Centre Licence**.

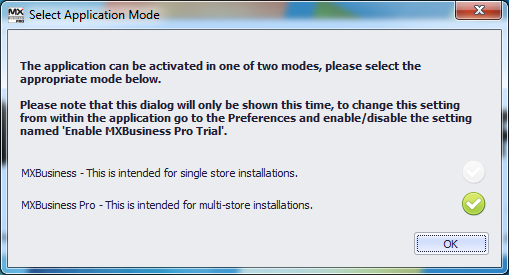
This licence operates in conjunction with the MXBusiness licence to give access to the reporting centre.

Note: MXBusiness no longer supports MXSBT or MXTool licenses.

Note: The change of default licence count from 10 to 20 is a function of the licence itself. Therefore licences purchased prior this change being made to the AMX system (licence purchasing system) will still have a scale count of 10.

### Trial Licence

The software, when installed for the first time, will provide limited duration trial licence. This trial licence provides full functionality for the limited period. On first run the user will be given the option to select the type of trial license to use – **MXBusiness Pro** or **MXBusiness**:



The trial licence is-

**MXBusiness Trial Licence**

Trial period = 30 days from first use.

This includes operation of the reporting centre without separate licence.

This includes an unlimited scale count during trial period.

If using the Pro license, then multi-store and price banding will be available.

Once the trial period, for the corresponding mode, has expired, purchased licences will be required to continue that mode of operation.

### Users

The functionality available within MXBusiness is dependent on the user account used to log in.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **User** | **PLU Editor** | **Database**  **editor** | **Scale count** | **Scheduled**  **tasks** | **Totals** | **Reporting centre** | **Firmware Upgrade** | **Multi**  **Store** |
| **MXBusiness** |  |  |  |  |  | 1 |  |  |
| **Service** |  |  |  |  |  |  |  |  |

1 Reporting licence required

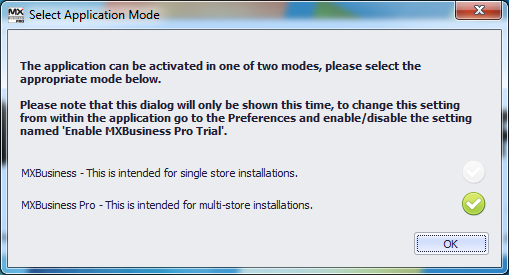
This user account will only function if installation has either of the following licences

1. A valid MXBusiness Pro Purchased Licence.
2. A valid MXBusiness Purchased Licence.
3. A valid MXBusiness Trial Licence – must be within trial period to be valid.
4. A valid MXBusiness Lite Purchased Licence.

If no valid licences are available, attempts to login with this user will result in the licencing dialog being presented to the user to licence the application.

### Installing on a New System

When the software is installed on a system for the first time the user will be presented with the application mode selection dialog:



By default, the application mode will be set to **MXBusiness Pro**, meaning the application will use the Pro trial license. If **MXBusiness** mode is selected, then the application will use the standard MXBusiness trial. This dialog will only ever be shown the first time the application is run on a system where no purchased license is installed, if the Pro trial license needs to be activated then it can be done via **Options->Preferences** and enabling the option named **Enable MXBusiness Pro Trial**. The application will need to be restarted for the new trial license to become active.

### Installing on a System with MXBusiness Already Installed

When installing on a system where MXBusiness has already been installed and fully licensed the application will continue to operate in standard MXBusiness mode.

It is possible to enable the MXBusiness Pro trial, this can be done by going to **Options->Preferences** and enabling the option named **Enable MXBusiness Pro Trial**. The application will need to be restarted for the new trial license to become active.

### Upgrading from Standard MXBusiness to Pro

If it is required to upgrade to Pro, then this can be done via the **Help->About** dialog. Clicking on the **Upgrade** button will provide the new locking code.

## System Requirements

### Minimum PC specification:

|  |  |  |
| --- | --- | --- |
|  | **Minimum** | **Recommended** |
| **Processor** | x64 1.4GHz |  |
| **RAM** | 2 GB | 6 GB |
| **Disk** | 2 GB Free space | 8 GB Free space |
| **Screen Resolution** | 1024x768 @ 100% resolution | 1024x768 or better @ 100% resolution |

## Scope of Capabilities

MXBusiness provides a multi-network capability limited in the following way:

1. All networks must be of the same scale type and version. At setup time the user has a choice of supported type and version. Note: This type and version is defined by the loaded project.

The multi-network capability can be used to provide a limited multi–store capability. The limitations are:

1. No store variant data e.g. pricing & product ranging.
2. No store based reporting.

MXBusiness provides limited automation capabilities – backup, periodic network scanning, and totals collection only (only in business mode).

MXBusiness only provides a limited product file import feature via excel spreadsheets.

MXBusiness provides forward project compatibility with MXTool and MXSBT products and earlier versions of MXBusiness. Only projects from MXTool/MXSBT version 2.5.0.7 upwards are supported. Backward project compatibility is no longer provided.

## Supported Scales

MXBusiness only supports those versions of scales listed below with a tick. Versions, marked as “**Import Only”**, are only supported for the purpose of creating a project by uploading from scale. This means that MXBusiness will allow projects for these types to be imported but they must be converted to a supported version.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **XT**  **(EBC980)** | **XM** | **XTi (EBC981)** | **Comments** |
| 2.4.x.x | n/a | ✓ | n/a | Import Only |
| 2.7.x.x | n/a | ✓ | n/a | Import Only |
| 2.8.x.x | n/a | ✓ | n/a | Import Only |
| 3.2.x.x | ✓ | ✓ | n/a |  |
| 3.3.x.x | ✓ | ✓ | n/a |  |
| 3.5.x.x | ✓ | ✓ | n/a |  |
| 3.6.x.x | ✓ | ✓ | n/a |  |
| 4.0.x.x | ✓ | ✓ | n/a |  |
| 4.1.x.x | ✓ | ✓ | n/a |  |
| 5.0.x.x | ✓ | ✓ | ✓ |  |
| 5.1.x.x | ✓ | × | ✓ |  |
| 5.2.x.x | ✓ | × | ✓ |  |
| 5.3.x.x | ✓ | × | ✓ |  |
| 5.3.x.x | ✓ | × | ✓ |  |
| 5.4.x.x | ✓ | × | ✓ |  |
| 5.5.x.x | ✓ | × | ✓ |  |
| 5.6.x.x | ✓ | × | ✓ |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | M | IM | Xs | Comments |
| 4.1.x.x | ✓ | n/a | n/a | Import Only |
| 4.2.x.x | ✓ | n/a | n/a | Import Only |
| 5.0.x.x | ✓ | n/a | n/a | Import Only |
| 5.0.0.1 | ✓ | n/a | n/a | Import Only |
| 5.2.x.x | ✓ | n/a | n/a | Import Only |
| 5.3.x.x | ✓ | n/a | n/a | Import Only |
| 6.0.x.x | ✓ | n/a | n/a | Import Only |
| 6.1.x.x | ✓ | n/a | n/a | Import Only |
| 6.2.x.x | ✓ | n/a | n/a | Import Only |
| 6.4.x.x | ✓ | n/a | n/a | Import Only |
| 7.0.x.x | n/a | ✓ | n/a | Import Only |
| 7.1.x.x | ✓ | ✓ | n/a | Import Only |
| 7.2.x.x | ✓ | ✓ | n/a | Import Only |
| 7.3.x.x | ✓ | ✓ | n/a | Import Only |
| 7.4.x.x | ✓ | ✓ | n/a | Import Only |
| 7.5.x.x | ✓ | ✓ | n/a | Import Only |
| 7.6.x.x | ✓ | ✓ | n/a | Import Only |
| 7.7.x.x | ✓ | ✓ | n/a | Import Only |
| 7.8.x.x | ✓ | ✓ | n/a | Import Only |
| 7.9.x.x | ✓ | ✓ | n/a | Note: M7.9 is supported for download purposes |
| 4.1.x.x | n/a | n/a | ✓ | Full Support – protocol version 8.0.0.0 |
| 4.2.x.x | n/a | n/a | ✓ | Full Support – protocol version 8.2.0.0 |
| 5.1.0.0 | n/a | n/a | ✓ | Full Support – protocol version 9.1.0.0 |
| 5.2.0.0 | n/a | n/a | ✓ | Full Support – protocol version 9.2.0.0 |

Note: All projects for M/IM (pre 7.9) are automatically converted to 7.9

## Internationalisation

Partial translations in the following languages:

* Dutch
* French
* German
* Italian
* Spanish

## Reporting

### Cash Reports

MXBusiness cash reports are dependent on collected system cash information from the scales.

Before this is possible specific activities must be performed on the scales.

The 2 scale families (XTRA and M) provide different methods for doing this-

1. XS 4.1

The user must perform Period 1 - Machine - ”Z” reports on the scales (servers and clients).

Note: MXBusiness requests Period 2 cash totals. However, MXapi actually collects period 1 values.

1. XTRA (XM/XT) Pre-4.1

The user must perform Period 1 - Machine - “print and clear” reports on the scales (servers and clients).

1. XTRA (XM/XT) 4.1+

No special activity is required.

1. XS 4.2+ and XTRA 5.0+

Two scenarios are available controlled by MXBusiness Preference setting.

**Scenario 1:**

Cashing up is expected to be performed on each scale with drawer values being declared.

To do this, the user must perform Period 1 - Machine - ”Z” reports on the scales (servers and clients). This has the effect of populating the period 2 system cash totals which MXBusiness can collect.

**Scenario 2:**

Cashing up is expected to occur in the back office.

MXBusiness will remotely perform a Period 1 Machine totals clear for all machines.

This has the effect of populating period 2 system cash totals which MXBusiness collects.

Note: This scenario will not include declared drawer values.

### Enabling Totals Collection

MXBusiness automatically ensures the configuration of newly discovered scales is set to enable totals collection. However, will not take effect until the configuration changes are sent to the scales. This occurs when logged in as manager, not as admin.

### Change/Cash back

XTRA scales prior to version 4.1, do not adjust the cash figures when change/cash back is given for non-cash payment types. Therefore if this functionality is required scales must be upgraded.

### Payment Types

Once totals have been collected, care should be taken if modifying the payment table to avoid confusion.

### Totals for deleted scales

Totals data is associated with the scale from which it is collected. Attempts to delete a scale that has totals data associated will result in a warning being given to the user. If the user chooses to continue with the deletion the totals data will be re-assigned to network 0 (zero). This is so that this data is still available for reporting.

Note: Various functions such as “delete all data” etc… will destroy the totals data. Other functions such as “open” etc… may destroy the totals data, depending on how they are used.

### Exclusive tax systems not handled by MXBusiness Reporting

The MXBusiness Reports have been developed for use with inclusive tax systems. Consequently, if used with Exclusive systems the reports will be incorrect.

## Product Issues

### PLU Types

Fixed price was not fully supported by XTRA scales. Consequently this product type has been removed from the communications interface for version 4 onwards.

### PLU Promotions

**Item & Weight Free Promotions**

When setting up item and weight free promotions users should remember that the trigger for the promotion is the sum of the break and the free values

E.g. a break of 100g and a weight free of 10g is only triggered @ 110g.

Also, on XTRA scales item and weight free promotions do not support multiple breaks even though these are shown on the MXBusiness editor.

**Visibility of Promotions**

On XS scales, the operation of item free, weight free and discount promotions is not visible when the PLU is selected. Only when the transaction is assigned to an operator or a label is printed, does the promotion and the saving become apparent.

**Voucher Promotions**

Within the voucher definition the user must select a barcode format that is defined as a voucher barcode type. Also the “promotion voucher print option” filed which can be set to “receipt”, “label” or “label & receipt” must be set appropriately.

## Project Conversions

### Applying Default Data to Project Conversions

There is an option “Preferences->General->Load database defaults when converting a project” giving 2 alternative modes of behaviour-

1. If set, then during conversion, all tables will be populated with default data (both new and old tables), and then the user data is user data on top. The resultant project contains a superset of both the default and the converted user data. Where rows exist in the user data and the default data, the user data takes precedence.
2. If not set, then during conversion, the default data will not applied to any tables (new and old tables). The resultant project contains just the converted user data. In this case new tables may be created, but they will be empty.

## Media

### Media upload from XS scale

It should be noted that for pre-launch versions of XS, media upload is slow. This can lead to timeouts occurring when doing so. If this occurs the “Driver Read Timeout” under Preferences should be changed from its default value of 4 minutes to a larger number. To ensure successful operation, approximately 30 seconds per item of media should be allowed.

The performance issues have been addressed with the XS launch version. However, removal of unused media is recommended.

### XS Media Issues

There is a known issue with backing up and restoring media on XS scales. In principle uploading the media from a scale and sending the same media back to the scales should work. However in practice this is not always successful work due to a scale defect. This results in the scale claiming that the memory is full and MXBusiness therefore generates error 186. This problem can sometimes be worked around by enabling the MXBusiness preference “Overwrite data in scale whenever data is sent”.

### XS Media Naming Issue

If media (logos) is uploaded from a scale and there are instances where the same name is used for multiple IDs, then the media with the higher ID overwrites the other. To avoid this please ensure that all media records have unique names.

## Scheduled Operations

### Differences between 3.0 and later versions

The scheduled task system was substantially changed between 3.0 and 3.1. On 3.0 the Windows scheduler was used, whereas on 3.1 and above a Windows services are used instead.

In environments where both systems may be used (e.g. support systems), it will be necessary to manually enable/disable the 2 scheduling systems as required. Failure to do this may result in conflicts between the 2 systems leading to unexpected results.

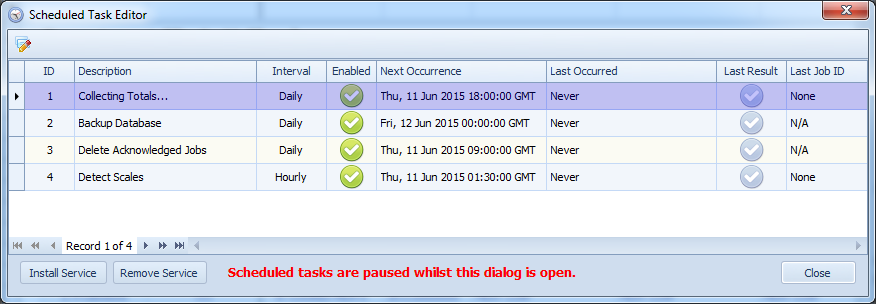
In normal customer installations it is recommended that V3.0 is uninstalled before installing V3.1 or above. This will eliminate the problem.

### Scheduled operations with multiple versions and instances

With the introduction of version 5.0, it is now possible to install multiple instances of multiple versions.

Each instance will have separate scheduled tasks. In most circumstances, these will not clash. However, in support situations, there is potential for clashes due to instances being connected to the same scales. To assist in managing this, a feature has been provided to enable/disabled the scheduler corresponding to each instance. This is intended for use by support users only.

This can be found under the “Scheduled Task Manager”.



The system may prompt the user to elevate the rights for this function to operate.

Users without administration rights on the computer will also be prompted to enter an administrator password for this function to operate.

In retailer installations where multiple instances may be used, it is the responsibility of the installer to ensure that each instance targets different scales.

## Email Limitations

The functionality to email from within the MXBusiness application is subject to limitations imposed by the customer email system itself. E.g. emailing project files may fail due to size limitations imposed by the email system.

## Recommended Methods for managing and assigning keyboards

The recommended approach for managing XTRA keyboards is to upload them from a scale into the application, edit them and send them back. In this manner there is no need to manage any assignments on the scale.

### The Design ID concept

Multiple keyboard designs can be created. Each keyboard design that is created using the application may contain one or more keyboards, for example let’s say we create a design (with Design ID 1) for the main keyboard it may look like the example below:



This one design contains 11 different keyboards.

To assign the above design to a scale the following two options are required to be set (found in the configuration editor):

* **Keyboard Design ID (ITEM)**.
* **Keyboard ID (ITEM)**.
* The first option selects the keyboard design to be used. The second selects the keyboard within that design. keyboard should be its default. Therefore, if **Keyboard Design ID (ITEM)** is set to 1 and **Keyboard ID (ITEM)** is set to 2 the scale will default to the **Meat** keyboard.

Using this concept a single keyboard design can be created that can be shared amongst several scales across different counters. For example, deli scales would be assigned design 1 and keyboard 3 whereas fish scales would be assigned design 1 and keyboard 2.

## Label Designs

### Text Wrapping and Text Justification

Related fields are-

“Field Alignment”

“Word Wrap”

“Data Type”

**Field Alignment**

This controls what form of justification is to be applied. The choices are-

Top Left, Top Centre, Top Right, Middle left, Middle Centre, Middle Right, Bottom Left, Bottom Centre, Bottom Right

Note: Justification is not supported, only alignment.

**Word Wrap**

This field is only used if “data type” is set to “Label defined format” – see below

Two options are available to control word wrapping and how alignment (see above) is applied-

“yes - justify by line”

Word wrapping is applied and the alignment is applied to the individual lines.

“no - justify by field”

Word wrapping is not applied and the alignment is applied to the field (i.e. all lines collectively).

**Data Type**

This controls if formatting of text is controlled by the label design or by a combination of the label design and the text itself. This field has 2 options-

LABEL DEFINED FORMAT

Uses the label defined settings and ignores controls in data.

DATA DEFINED FORMAT

Uses the label defined settings and then the data controls override them.

Note: in this mode word wrapping is always applied.

### Label Design Unit Price Back Calculation and Net Weight Printing Controls

The XS scales have settings within the unit price to control unit price back calculation and within weight fields to control net weight printing behaviour. MXBusiness does not support these fields, instead it enforces default behaviour.

### Label backup/Restore

Due to rounding errors during coordinate conversion between 0.01mm used on the external interface and dots on the scales it is possible that designs might be altered slightly during backup and restore activities.

## Remote Control

### M/IM Remote Control

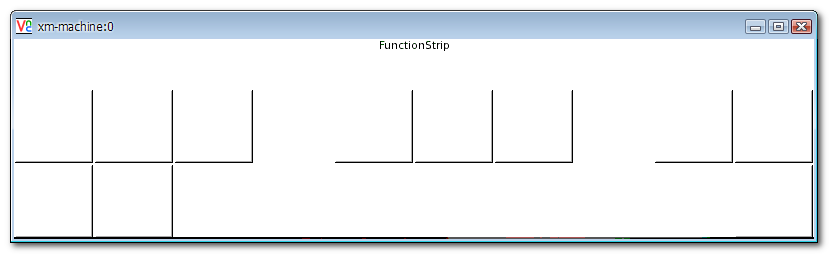
Remote control on M/IM scales is not supported

### XM Keyboard controls during Remote Control

| **Key** | **Result** |
| --- | --- |
| F9 | Displays the **Tare** window in the metrology area. |
| F12 | When on the main screen shows/hides the side bar menu.  When a product is selected pressing this key attempts to transact the product. |
| NumPad 0–9 | Allows numeric entry. |
| NumPad Del | Deletes the last character before the cursor. |
| NumPad Enter | Feeds paper out of the printer. |
| NumPad + | When on the main screen shows/hides the side bar menu.  When a product is selected pressing this key attempts to transact the product. |
| NumPad – | Feeds paper out of the printer. |
| NumPad / | Provides the ability to enter 00. |

### Remote controlling the XM fixed keyboard

When a remote control session is started for the fixed keyboard only buttons that have been assigned will be shown. Also no text will be shown on the keys, see below:



## Traceability

### PLU – Trace Record links

MXBusiness will not attempt to manage the relationships between PLU trace records (aka lots). However, when PLU records are sent to the scales, any existing links between PLUs and trace records will be preserved.

Note: A backup/upgrade/restore sequence will not retain the links as they will be cleared by the cold boot element of the upgrade.

### Trace record DELETE

MXBusiness will not perform DELETE actions on the TRACE “Traceability Records” table. This is because management of traceability records is primarily a scale function.

### XS Retain lot number settings

Changes to the PLU retain lot number flag on XS scales will only take effect on the scale if the PLU is new. If the scale already contains the PLU, attempts to change the flag are ignored. To work round this the PLU must therefore be deleted from the scale and then re-transmitted with the required setting.

### XS Keyboard Trace Record Keys

The keyboard designer does not show the details of the “Traceability Record Keys” on XS keyboard designs. This make is impossible to distinguish between the different keys. However, despite the details not being shown backup/restore of these keys does work.

## Old style XS substitution codes

MXBusiness does not understand the old style substitution code (e.g. %%A). Users should therefore always enter the newer style substitution codes (e.g. %%+1.2.3%%) into MXBusiness. When uploading data from the scale the old style code will be converted into the newer format.

## M/IM Series Issues

### IM Support

IM scales are not officially supported for downloads, only for uploading to create projects for other scale types.

### M Support

With one exception, M scales are not officially supported for downloads, only for uploading to create projects for other scale types.

### M Series Client IP addresses

A discovery limitation exists with M server-client networks. It is not possible for MXBusiness to discover the IP address of the client scales. Consequently the IP addresses shown in the network centre for M scales will be blank by default.

Normal communications will function correctly in this situation. However, some functions e.g. service bank configuration, firmware upgrade, remote control etc… will not work on M clients. In order to enable these functions, the user is able to populate the client IP addresses within the network centre.

## Using Restricted Data

When performing “Restore Scale Data”, Merge etc… it is possible to restrict the data affected. E.g. it is possible to send only ITEM data to the scales.

Use of this functionality can lead to unexpected results e.g. traceability records can expire prematurely.

Therefore this functionality should not normally be used and if used should be used with care.

### 

## Known Defects

None

# Support and Housekeeping

## Project and Database

The “current” MXBusiness project is split into 2 parts-

1. Scale network definitions and totals held in the Microsoft SQL database.
2. Other data held in a projects folder

e.g. “C:\ProgramData\Avery Berkel\MXBusiness\<INSTANCEID>\Project\ MXBusiness – 635502768920743451”

In this example the “MXBusiness – 635502768920743451” is the project folder, containing various elements of the project data.

MXBusiness can become inoperable if corruption occurs within either the database or the project folder. This may manifest itself in a number of ways e.g. failure to shutdown, backup etc…

If this situation should occur it is necessary to clear the corrupted data and then reload the project from either valid back up or from a scale.

1. Attempt to perform a “delete all data” as this will clear both the database and the project information.

Depending on the nature of the problem, this may fail because the problem effectively blocks the deletion. In which case attempt to shut down and reload MXBusiness and perform “delete all data” again as the first user action. MXBusiness may fail to shutdown, again because the problem is blocking it. In that case terminate MXBusiness using Windows task manager, restart and then attempt “delete all data” again.

1. If after the various attempts, “delete all data” fails then the user should attempt to remove the corruption by more direct means. There are 2 parts-
2. Removal of the network definitions etc… held in the database – see section 0 for details of how to purge the database. This will resolve the problem if the corruption
3. Removal of the other data held in the project folder. This can be achieved by simply deleting the project folder and contents e.g. “MXBusiness – 635502768920743451”.
4. Once the corruption is removed, then proceed with reloading the project from either a valid backup or from a suitable scale.

## Logging Controls

There are 2 preferences that control the MXBusiness Logging-

LOGGING LEVEL – this defines when the logging is active.

ERROR ONLY – logging is preserved when errors occur.

ALWAYS – logging is preserved regardless of status.

DEBUG - OFF – only basic logging - no detailed logging.

ON – detailed logging included.

“ON” also enables MXapi driver logging, including low level communications details. When enabled the MXapi drivers logs are added to the MXBusiness logging.