



Market Insight Release Notes
2018 - October



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1. EXECUTIVE SUMMARY

This document outlines the Market Insight (MI) features that are scheduled to be released to production in October 2018.

The key functional areas affected by this release are:

- **Configuration Changes:** A new launcher is now available for Market Insight users and the Linkage wizard has been renamed.
- **New features in expressions and cubes:** New 'Time' expressions, and the ability to add thousand separators in expressions. Improved cube exports from scheduled tasks and shredded dimensions.
- **Improvements in Market Insight Orbit:** For those customers using the Market Insight Orbit sharing platform, it now supports multiple systems. Orbit has also had multiple UI improvements applied.

1.1 Target Audience

This document is intended for all users of Market Insight.



2. CONFIGURATION

This section outlines the new configuration changes to Market Insight.

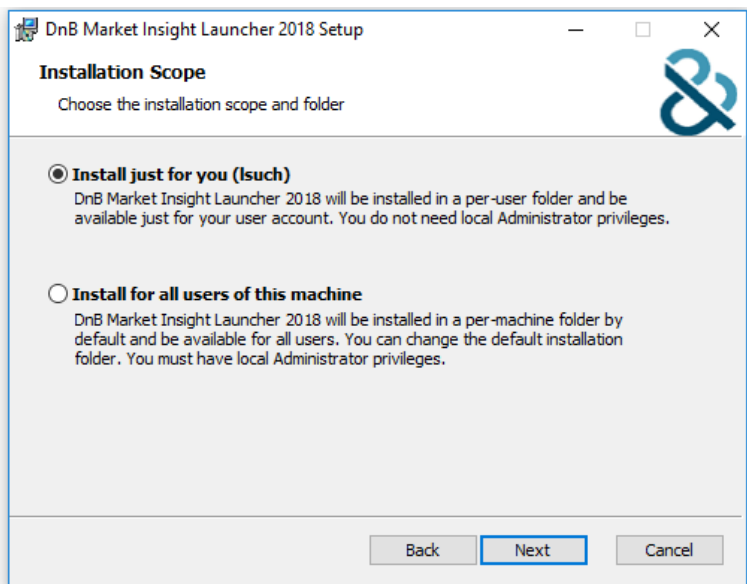
2.1 New Launcher

The new launcher was introduced in the last release but is included again here because it is time sensitive – all users must be using the 2018 launcher by **31st October 2018** when all old launchers will cease to work.

Dun & Bradstreet is committed to ensuring our customers' security when using our products and services. Our aim is to mitigate exposure to vulnerabilities that target the secure connection established between a customer's application and Dun & Bradstreet's websites. To stay ahead of these potential vulnerabilities, we will disable support for Transport Layer Security (TLS) 1.0 and 1.1. In order, to do this, we have needed to create a new version of the Market Insight Launcher.

The distribution of the Launcher application has changed. We have moved from a per-machine Windows Installer package file to a dual-mode package. This package can either install the Market Insight Launcher application per-machine or per-user. **This means that a user does not typically require administrator privileges when installing the new launcher.**

The user has a choice when installing:



The installation method has no effect on the permissions required to run the launcher application. Elevation is not required even if the application has been installed per-machine.



Any users that see the Market Insight start page shown below should ensure that they install the new launcher at the earliest opportunity.

- Home
- Knowledge Centre
- New Features
- How to Guides
- Training Manuals
- Release Notes
- Launcher - Technical Guide

Home » News

You are using an outdated launcher!

In order to ensure that you have the most secure connection possible to Market Insight, we are disabling TLS 1.0 and TLS 1.1 connections. ***This change is going to happen soon!***

What does this mean for me?

All Market Insight users should now be using the new 2018 launcher. All older launchers (including the recent v4.5 version) will cease to work as soon as we make this change. **Please update your launcher now!** If you have any questions, please contact your Market Insight representative immediately.

2.2 New Name for DUNS Transformation Wizard

DUNS Transformation, will be re-named 'Find Linked Records' within the application.





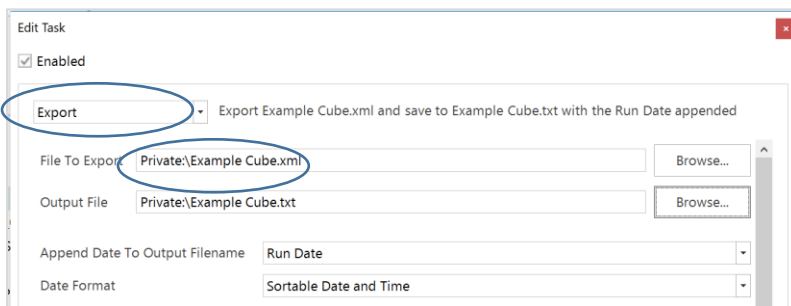
3. FEATURES

This section outlines the new features and improvements to Market Insight.

3.1 Improved Output of Cubes into Delimited Files from the Export Scheduled Task

Previously, Cubes exported by scheduled tasks did not contain the subtotals and totals rows that would be included if the Cube were exported manually using the output wizard. Now full Cubes exported to delimited files will include subtotal and total data. As before, partial Cubes that are limited by size or a threshold will export the populated data cells and will not export totals.

To prepare this type of export, use Manage Scheduled Tasks, add a task and choose the export task, then choose a Cube to export. A default name for the output file will be inserted but can be changed if you wish. The exported file is tab delimited, so a .txt extension is normally appropriate.



The exported Cube data will produce a file containing each cell of the Cube on a separate row. A simple two-dimensional Cube with a single measure will look like this:

Banded Nr of Employees (Company)	UK 2007 Major Industry Sector	Records
Unclassified	Unclassified	212631
Unclassified	A - Agriculture, Forestry and Fishing	12136
Unclassified	B - Mining and Quarrying	4773
Unclassified	C - Manufacturing	74278
Unclassified	D - Electricity, Gas, Steam and Air Conditioning Supply	5530
Unclassified	E - Water Supply; Sewerage, Waste Management and Remediation Activities	5539
Unclassified	F - Construction	142571
Unclassified	G - Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	276524
Unclassified	H - Transportation and Storage	67724
Unclassified	I - Accommodation and Food Service Activities	108654
Unclassified	J - Information and Communication	148048
Unclassified	K - Financial and Insurance Activities	99060
Unclassified	L - Real Estate Activities	109615
Unclassified	M - Professional, Scientific and Technical Activities	207983
Unclassified	N - Administrative and Support Service Activities	233399
Unclassified	O - Public Administration and Defence; Compulsory Social Security	12604
Unclassified	P - Education	96386
Unclassified	Q - Human Health and Social Work Activities	128850
Unclassified	R - Arts, Entertainment and Recreation	68390
Unclassified	S - Other Service Activities	128250
Unclassified	T - Activities of Households as Employers; Undifferentiated Goods- and Services	31748
Unclassified	U - Activities of Extraterritorial Organisations and Bodies	549
Unclassified	TOTAL	2175242
1 - 5 Employees	Unclassified	53069
1 - 5 Employees	A - Agriculture, Forestry and Fishing	92639



Data exported by a scheduled task for a full Cube with 3 dimensions and 3 measures. Note the inclusion of totals for each dimension.

Banded Nr of Employees (Company)	Records With Linkage Present (Inc Branches)	Country Code	Records	Mean(Algorithm Sales)	Sum(Customer Level Revenue)
1 - 5 Employees	Records with Linkage Present	Unclassified	1939	174624.0159	14000
1 - 5 Employees	Records without Linkage	England	2840946	177471.1355	31029888.15
1 - 5 Employees	Records without Linkage	Scotland	209786	165239.8017	4390291.27
1 - 5 Employees	Records without Linkage	Wales	126941	161865.8923	1512006.32
1 - 5 Employees	Records without Linkage	Northern Ireland	63279	188631.2055	2900059.06
1 - 5 Employees	Records without Linkage	TOTAL	3242891	176273.6496	39846244.8
1 - 5 Employees	Records with Linkage Present - inc. HQ/Branches	Unclassified	163	2331362.273	0
1 - 5 Employees	Records with Linkage Present - inc. HQ/Branches	England	223869	3341784.013	29736439.26
1 - 5 Employees	Records with Linkage Present - inc. HQ/Branches	Scotland	13147	1241183.034	2642050.79
1 - 5 Employees	Records with Linkage Present - inc. HQ/Branches	Wales	5757	1462437.333	977432.75
1 - 5 Employees	Records with Linkage Present - inc. HQ/Branches	Northern Ireland	4241	1539319.232	1242497.17
1 - 5 Employees	Records with Linkage Present - inc. HQ/Branches	TOTAL	247177	3151448.358	34598419.97
1 - 5 Employees	TOTAL	Unclassified	2102	366101.9887	14000
1 - 5 Employees	TOTAL	England	3064815	374106.4933	60766327.41
1 - 5 Employees	TOTAL	Scotland	222933	218570.8908	7032342.06
1 - 5 Employees	TOTAL	Wales	132698	210860.2362	2489439.07
1 - 5 Employees	TOTAL	Northern Ireland	67520	264380.1016	4142556.23
1 - 5 Employees	TOTAL	TOTAL	3490068	355604.4335	74444664.77
6 - 10 Employees	Records without Linkage	Unclassified	29	736597.88	0
6 - 10 Employees	Records without Linkage	England	235450	3394989.305	17467559.58
6 - 10 Employees	Records without Linkage	Scotland	21751	613335.288	2215005.34

By comparison a partial Cube limited in this case to the top 10 values will export only the data cell values and no totals:

Country Code	Records With Linkage Present (Inc Branches)	Banded Nr of Employees (Company)	Records	Mean(Algorithm Sales)	Sum(Customer Level Revenue)
England	Records with Linkage Present - inc. HQ/Branches	50 - 99 Employees	17147	2955570.76	80404687.32
England	Records with Linkage Present - inc. HQ/Branches	100 - 199 Employees	10649	42930845.05	72232306.44
England	Records with Linkage Present - inc. HQ/Branches	200 - 499 Employees	8130	72996773.72	66518393.74
England	Records with Linkage Present - inc. HQ/Branches	21 - 49 Employees	26088	15200922.4	60097729.27
England	Records with Linkage Present - inc. HQ/Branches	1000+ Employees	4116	1039811301	40777999.46
England	Records with Linkage Present - inc. HQ/Branches	Unclassified	460213	26975404.72	35151511.91
England	Records with Linkage Present - inc. HQ/Branches	11 - 20 Employees	30217	9416157.139	34692741.84
Unclassified	Records without Linkage	Unclassified	821	893797.2952	33735921.43
England	Records without Linkage	1 - 5 Employees	2840946	177471.1355	31029888.15
England	Records with Linkage Present - inc. HQ/Branches	1 - 5 Employees	223869	3341784.013	29736439.26

3.2 Whitelist words in shredded dimensions

Shredded text dimensions on cubes can now specify a list of words to include as the dimension values. The Edit Shredded Properties dialog now has a combo box to specify whether the list of words is to be excluded or included.



Choosing the include list will mean that these are the only words displayed in the cube.

	Σ	Drop your variable here
Address Line 1 (shredded)		Records
	Blue	1,969
	Green	55,923
	Yellow	162
	TOTAL	-

3.3 Optional Parameter Added to Allow for Thousand Separators

An optional parameter to the FormatNumber() expression function has been added to allow for thousand separators.

The function now accepts a true or false indicator to control the use of thousand grouping separators.

```
formatnumber ([Customer Level Revenue], 0, "True")
```

function FormatNumber (Numeric n, Numeric precision, [Use Separator])
Formats a number into text with the specified number of decimal places

This will produce formatted numbers such as:

Client Reference Number	Customer Level Revenue	Formatted Integer
100024	2790.00	2,790
100027	16484.00	16,484
100061	25828.00	25,828
100082	3600.00	3,600
100091	11760.00	11,760



3.4 Two New Time-based Expressions

There are two new expression functions, TimeNow() and FormatTime()

- TimeNow(<numeric>)
Returns the current datetime, shifted by <numeric> seconds.
- FormatTime(<numeric>)
Takes the numeric value in the parameter and formats it as an elapsed time string in hours, minutes and seconds (e.g. FormatTime(181) -> "00:03:01". The function returns a string formatted as hours:minutes:seconds.

3.3 Bug fixes in Market Insight

Cube Threshold thematic broken

You can't edit any cube thematic range numbers

Choosing not to Delete a file removes the file from view

Discoverer Parameter Prompting Multiple Times

Crash building VV from cube

Cached variable aggregation where source variable is 64bit decimal

Storyboard – Delete all slides does not start a new storyboard

Event-based scheduled tasks don't work properly when using a time zone that by default has daylight savings, but are configured to be turned off

Cosmetic issues in shredded whitelist functionality



4. MARKET INSIGHT ORBIT

This section outlines the new features and improvements to Market Insight Orbit.

4.1 Multiple Systems Views

Multiple system views

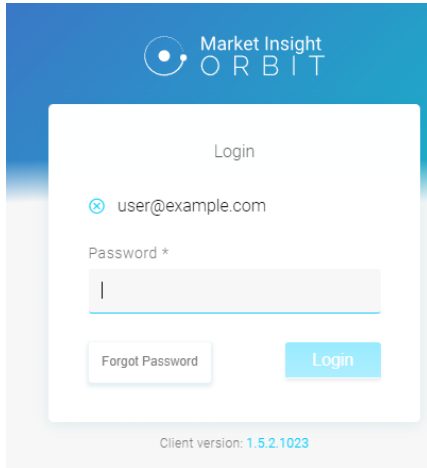
Market Insight Orbit now supports logging into multiple MI systems from the same installation. The login screen will offer the appropriate set of systems (called “Views”) to log in to, based on the domain of the email address entered.

Having one central login point for Orbit also means a simpler login for client users – they don’t need to enter their username or system name, simply entering Email address and password will take the user to the correct Orbit area. Similarly, new users will not be prompted for a system name, Orbit will automatically detect the correct system from the new user’s Email domain.

For example, these screenshots show that the “dnbmi.com” domain can log into 4 views, provided in a dropdown.



However, the following example shows that the “example.com” domain only has access to one dataview/system and so is not offered a choice.



Users may have various related systems that they need to pull together for reporting. Market Insight Orbit allows users to see data from a few or for all, of the systems together. Users who do not have access to the Market Insight application can view data in a unified view. Data is presented simply and practically in the collections list.

4.2 Improved Orbit User Interface and Experience and bug fixes

Login, register and reset password screens reworked. Login and registration issues addressed

- The way that users register, log in and reset their passwords has changed to make it a more stepwise process. This also accommodates changes required by the new multiple systems feature.
- A problem has been fixed with pressing return when beginning the new user registration form, which submitted the partial complete form rather than moving on to the next section.
- Under some circumstances the email address textbox will be pre-filled with the text 'undefined'.

UI uses updated version of underlying technology

- The Orbit UI now uses an updated version of the Angular framework (version 5.1).

New State Management

- The Orbit UI now uses `ngrx-store` to handle state across the application.

Filters simplification

- The Author filter has been removed from the UI.



Market Insight Orbit Cube and Datagrid rendering issues addressed

- Padding has been added to cubes and datagrids.

Chart issue fixed

- In some charts, the labels on vertical and horizontal axes could be truncated.
- For some charts on the Safari browser on iOS devices, a black bar would appear on the right-hand side when the charts are clipped
- Under some circumstances clustered column charts were squashing all data to the left of the chart. This has now been fixed.
- Under some circumstances presentation mode would not properly navigate to the second or subsequent charts.

Error handling improved in UI and API

- The Orbit UI has improved error handling, offering more appropriate messages and retrying where appropriate when things such as connection errors occur.
- The Orbit API has improved error logging, where requests made to it that result in an error will be automatically logged.



5. SUPPORT

Should you have any questions or need assistance, please contact the UKCS@DNB.com team or by contacting your Customer Experience Representative.