

How to View MEW (Monitoring Equivalency Weighting) Numbers

01/05/2024 6:07 pm EST

MEW Numbers

MEW numbers, or the Monitoring Equivalency Weighting numbers, are required for recent changes to UL requirements.

These numbers are used by the UL to determine the minimum requirements for the Central Station they apply to.

As far as the UL is concerned for these numbers, there are three types of customers to be counted:

1. Residential Customers
2. Commercial Customers with Open/Close Supervision (UL calls these Commercial Inactive)
3. Commercial Customers without Open/Close Supervision (UL calls these Commercial Inactive)

Because these numbers are weighted (hence the name), Manitou counts how many customers there are in each category, then multiplies that number by the UL prescribed weighting value.

Commercial Inactive customers (those without O/C supervision), have a weight of 1, so the count of those customers will be multiplied by 1.

Commercial Active customers (those WITH O/C Supervision), have a weight of 3, so the count of those customers will be multiplied by 3.

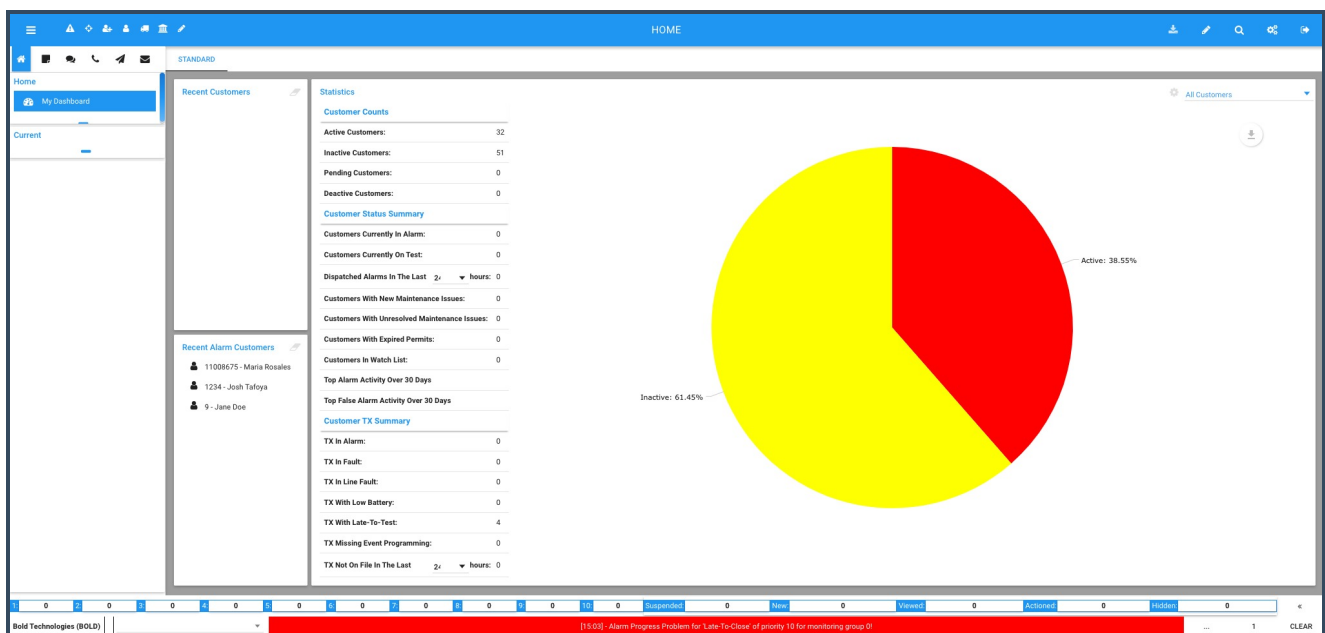
Residential Customers have a weight of 1/3, so the count of those customers will be multiplied by .333

To understand how these numbers are calculated, please consider the following chart:

Type of Customer	Count	Multiplier	MEW Value
Commercial with O/C	10	3	30
Commercial without O/C	10	1	10
Residential	10	.333	3.33
		MEW Number for UL -->	43.33

How To Display MEW Numbers in Manitou

1. Go to the dashboard screen



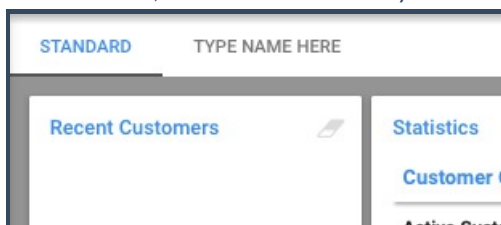
2. Locate the pencil icon in the upper right corner; select that icon.



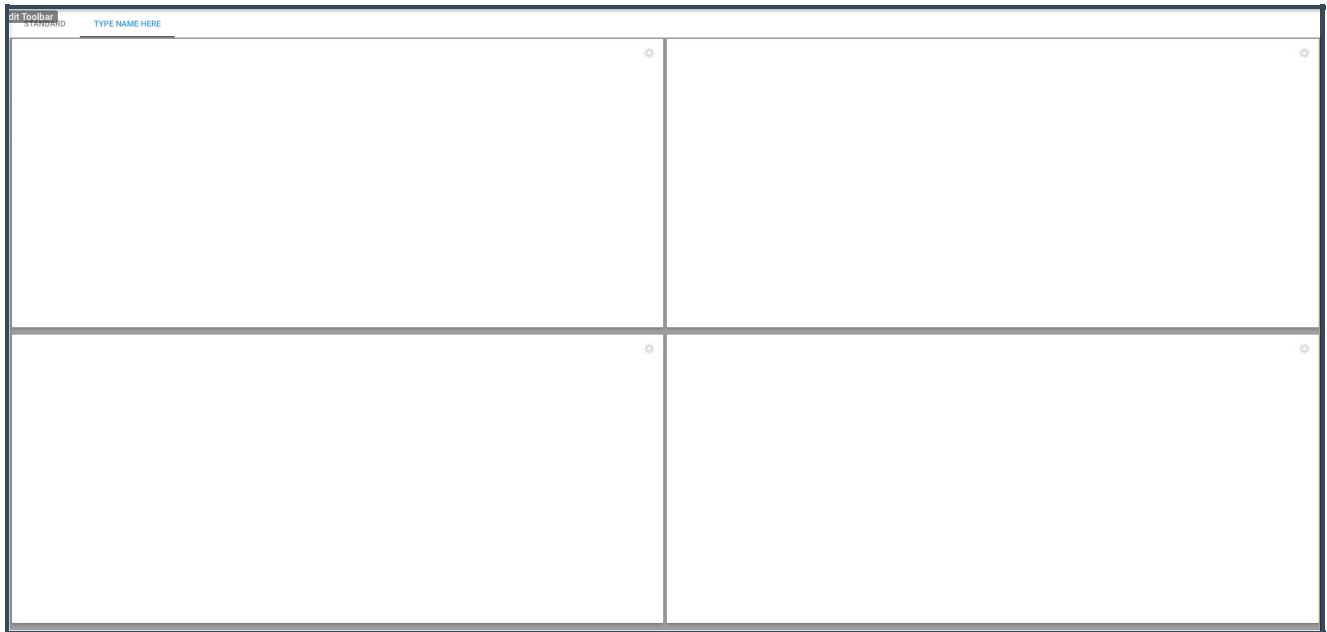
3. When the Layout Design screen is displayed, click Add Layout

4. Type something useful in the field labeled Description, and choose a number of rows and columns for your Dashboard data. In this example, we are choosing 2 rows and 2 columns.

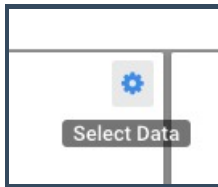
5. Click Done; the name of the newly created dashboard at the top, next to the Standard label



6. When the newly created Dashboard label is chosen, a screen displays the same number of rows and columns chosen previously.



7. Choose one of the boxes, and click on the gear icon in the top right corner



8. On the Data Selection screen, click the arrow to expand Compliance, and select MEW Factor

DATA

DATA SELECTION (MEW Factor)

QUERY

SETUP

DISPLAY OPTIONS

Dashboard

> Alarm

> Operator

> Customer

> Compliance

- Server Health (Overall)
- Server Health (CPU)
- Server Health (HD)
- Server Health (NIC)
- System Stats
- Watchdog Messages
- MEW Factor

> Display

Dashboard Analytics

> Custom

> Alarm Count (Historical)

> Phone Time

> Alarm Handling Time

> Alarm Life Time

> Alarm Life Time (Exclude Suspension)

> Time as Alarm Handler

> Raw Data

> Out of Service

> Customer Growth/Attrition

CANCEL

NEXT

9. When clicking Next, a screen displays where you can enter a title, if you would like, but this step is completely optional

MEW Numbers (for UL) (MEW Factor)

●

QUERY

●

SETUP

●

DISPLAY OPTIONS

Title

MEW Numbers (for UL)

CANCEL

PREVIOUS

NEXT

10. When clicking Next, a screen displays where a theme can be selected. This step is also optional.

MEW Numbers (for UL) (MEW Factor)

QUERY

SETUP

DISPLAY OPTIONS

None

Black

Chalk

Dark

Light

Type	Count	Multiplier	MEW Factor
Residential	9	0.333	3
Commercial Inactive	19	1	19
Commercial O/C	4	3	12
Total			34

BACKGROUND IMAGE

CANCEL

PREVIOUS

DONE

11. At this point, click Done in the bottom right.

PREVIOUS

DONE

The MEW numbers that were edited, will display on the dashboard screen.

MEW Numbers (for UL)				✕	⚙
Type	Count	Multiplier	MEW Factor		
Residential	9	0.333	3		
Commercial Inactive	19	1	19		
Commercial O/C	4	3	12		
Total			34		