

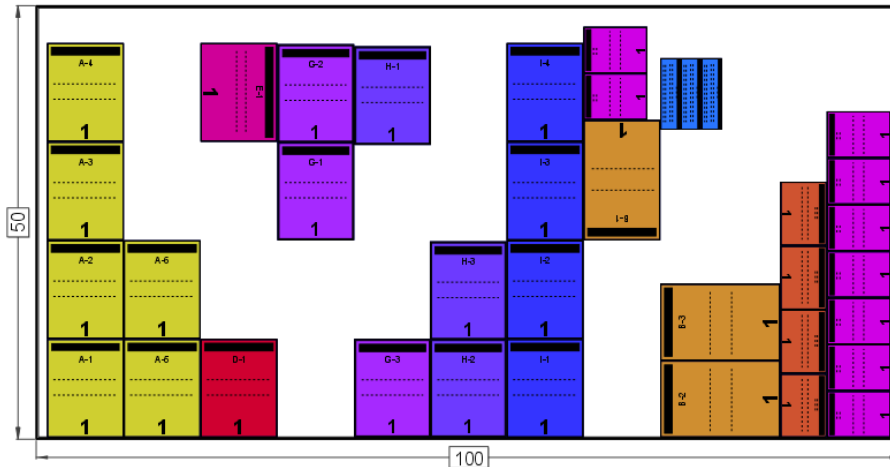
EFI Metrix Tech Note:  
Staggered Instances on Layout Issue

Version 2020.2.0.608 Hot Fix

## Staggered Impressions on Layout Issue

### What It Is

If there are multiple products on a layout and the Required Quantity is low, Metrix initially optimizes the layout by placing as many instances as possible, which produces overs. The initial calculation is followed by post processing, during which we remove the extra instances. The removal process previously followed a “last placed, first removed” rule. The result was a layout that has staggered instances:



### How It Works

#### Solution Part 1

The removal algorithm has been changed from “last placed, first removed” to “remove from top”. This solves the problem in many cases when the number of products is low.

#### Solution Part 2

We have provided an additional user configuration: `ReorganizeAfterInstanceRemoval=true`. The default value is `True`.

- When set to `True`, a reorganization Auto Layout is used to organize the instances neatly.
- When set to `False`, only the “remove from top” strategy is used.

To change the `ReorganizeAfterInstanceRemoval` setting:

1. With Metrix not running, open the `Metrix 2021.1.properties` file in a text editor. This file can be found in `C:\users\username\ (Windows)` or `/Applications/EFI/Metrix (Mac)`.
2. Add a line that says:  
`ReorganizeAfterInstanceRemoval=false`
3. Save the file and launch Metrix.

### Limitations

- **When** ReorganizeAfterInstanceRemoval=true, this option may reduce the number of layout variations presented in the Auto Layout or Auto Production results.

### MXML Tags

Not applicable.

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