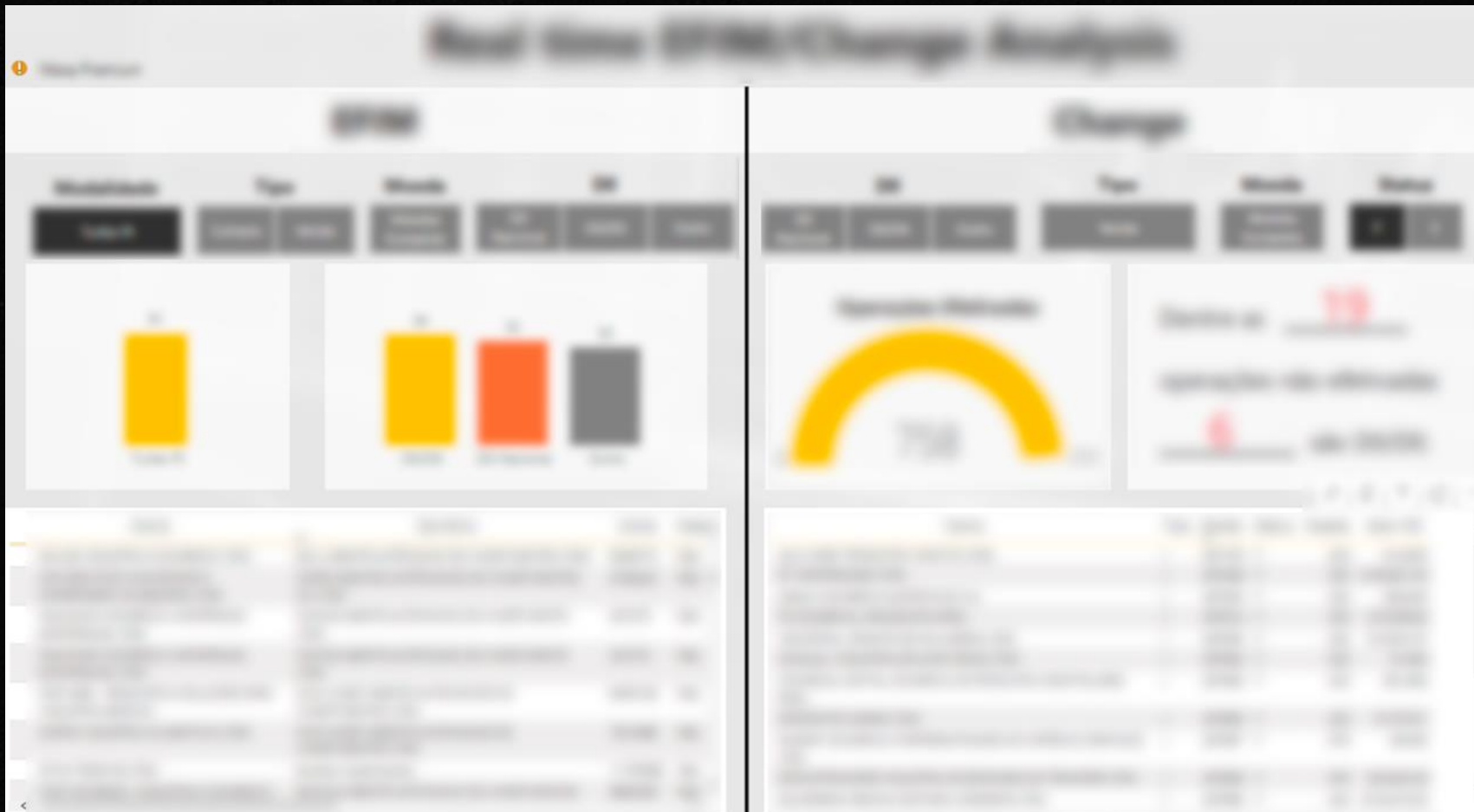


REALTIME OPERATIONS ANALYSIS

This Power BI was created to be a "second screen" for Backoffice leaders. All the indicators needed to see the production process stages have been compiled on a single screen. This screen updates every 30 seconds, showing any changes in the production scenario basically in real time



TECHNICAL

To make this Power BI several Microsoft SQL Server and Data Bricks connections were required. There is a trick to make the data update in real time, and one of the prerequisites for this functionality to work is to import the data via Direct Query.

In addition, several DAX measurements and complex model connections were required.

RESULTS

Real time data visualization is the pinnacle of joy for production process leaders. Now actions are taken even before we realize an irreparable error in the production chain. Thus, all initiatives, which were previously reactive regarding the error already made, are taken proactively, avoiding failures and prioritizing the customer in the first place.