Kvant

Production system: FactoryInfo

Module of composite mobile statistics presentation

Manual English Ver. 2.2

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Module overview

FactoryInfo module is a tool for showing system composite statistics about most important KPIs of running factory to the user. These statistics regular updated and presented to the user in his mobile iOS device (iPhone).

General structure

FactoryInfo containing a number of features in combined views connected to real-time and browsed history statistical data about factory production information. It includes:
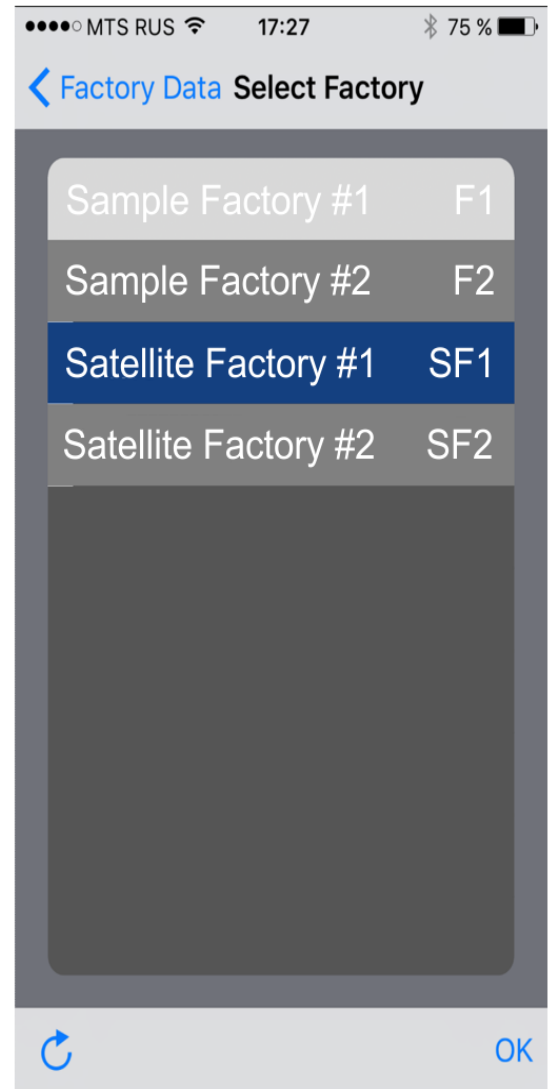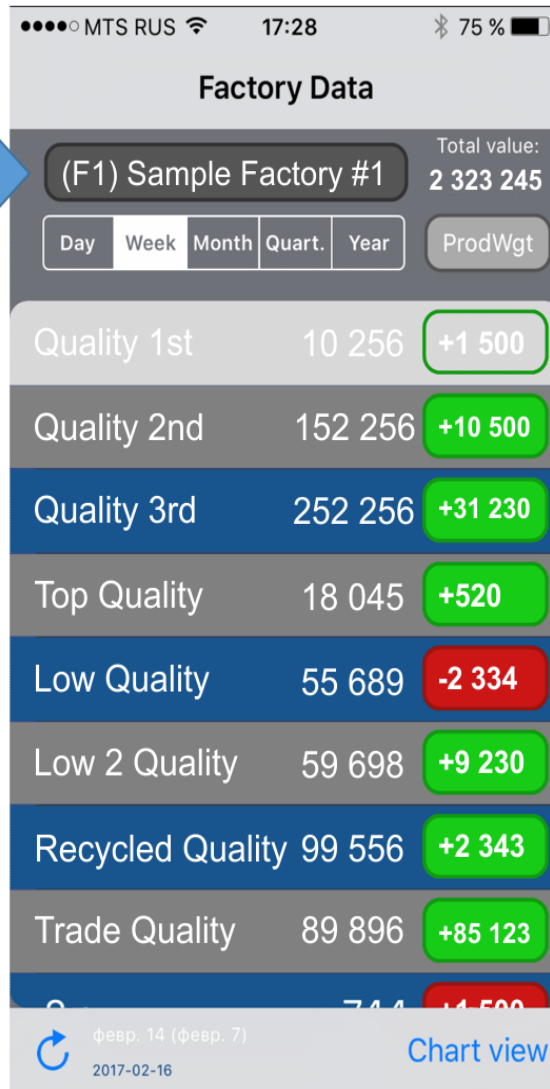
1. Selecting destination factory from list of factories to which data this module is connected.
2. Selecting destination KPI from available set of KPIs for chosen factory.
3. Displaying of statistical values and KPIs for chosen factory.
4. Displaying of graphical chart with development of chosen KPI

Module supposing usage at mobile devices such as Apple iPhone and for this reason is in all parts optimized for touch screen and mobile usage. This includes condensed design and graphics together with usage of recent advanced technologies supported by platform – such as Push notifications about data update in the source.

Factory selection

FactoryInfo module allows choosing destination factory of statistic to show to the user. This selection provided from list of available factories, which data is included into source statistical pool. Set of factories defined by I.Quant system settings and linked factories united under control of this I.Quant instance.
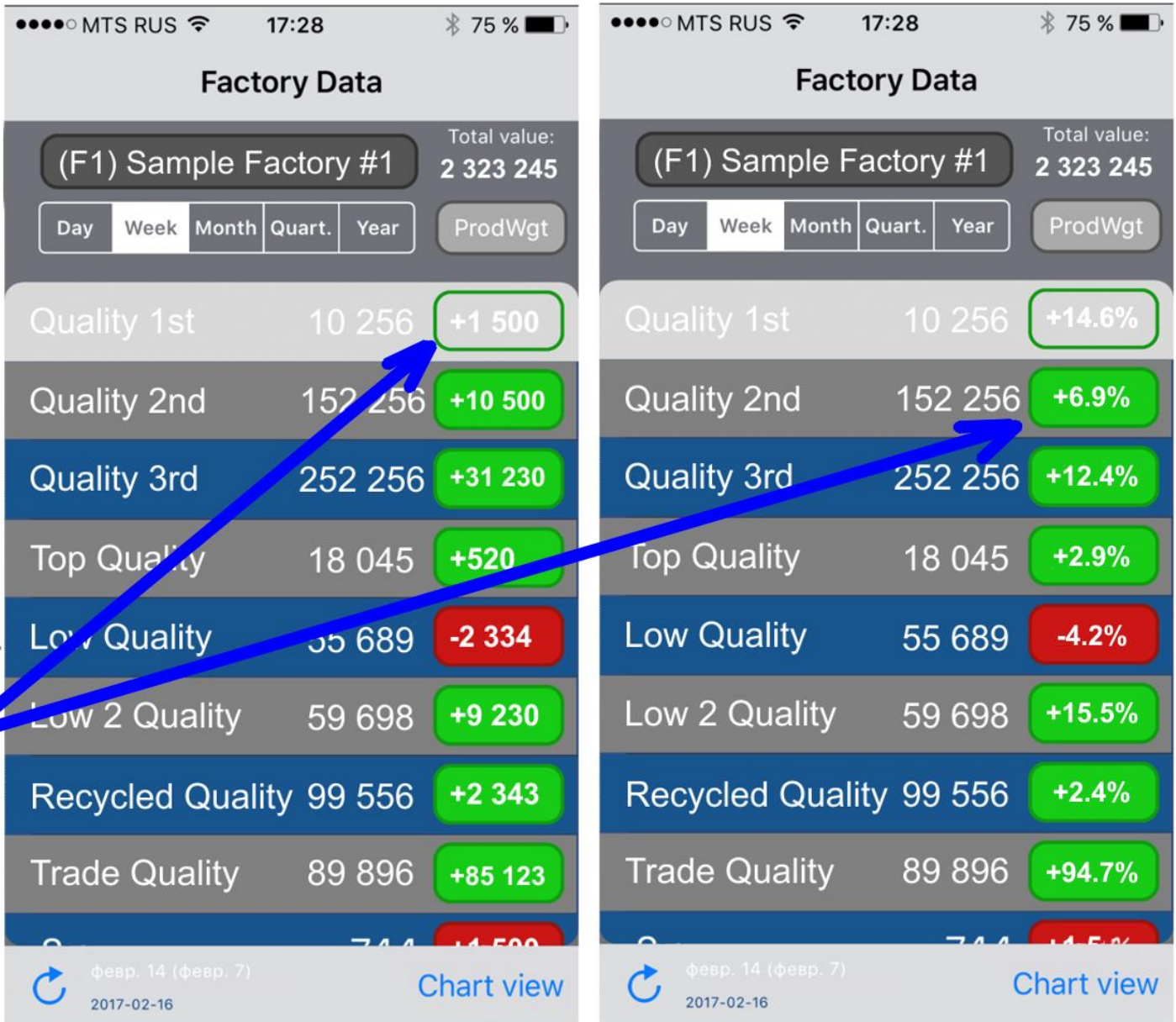
KPI selection

FactoryInfo module allows making of KPI selection, which shown in statistics with values and comparison to current and previous periods. This allows to display different parameters of system data development and browse it quickly and comfortable.

Displaying statistical values

FactoryInfo module allows to show data development for chosen factory and chosen KPI in shape of absolute or relative values according to momentary user's selection. There are located tap switches at all shown values to change representation mode.
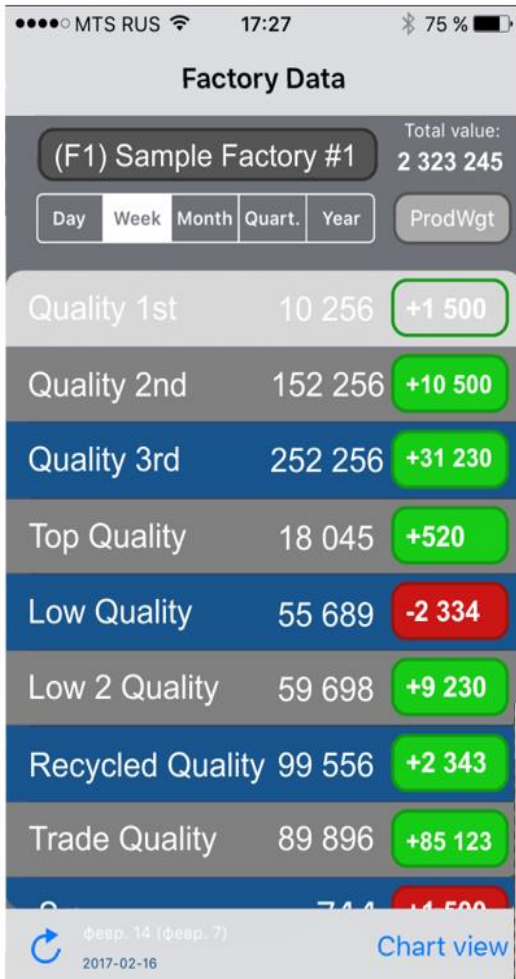
In similar this module allows to switch currently shown values timeframe with simple switching of shown period.

Timeframe selection

Displaying graphical chart values

FactoryInfo module allows to show data development of same values as loaded into main grid with simple turn into graphical line chart. User could activate this view and return back to numerical values as simple as just turn the device to landscape orientation.