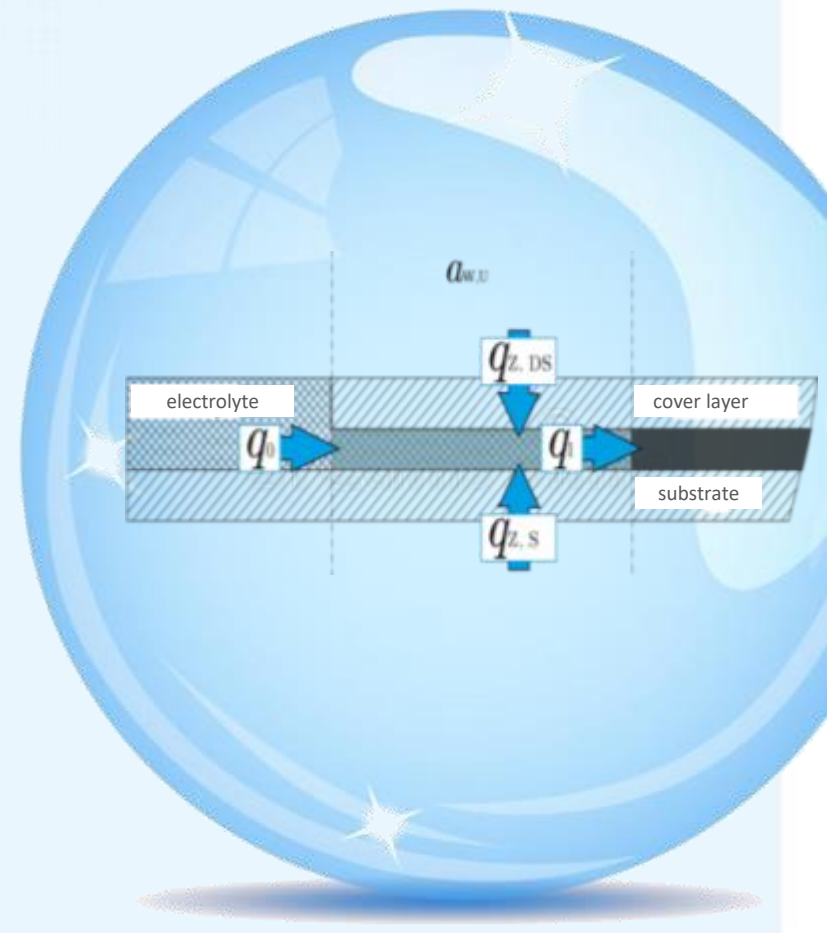




QUALITY MONITORING - OPEN MONITOR.

→ marketing and quality standards redefined



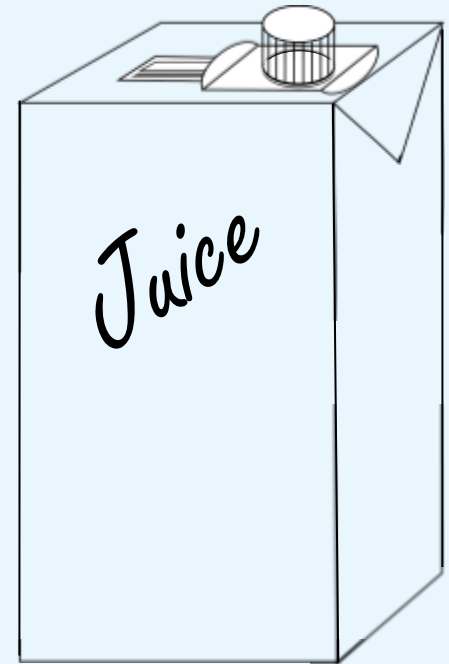


QUALITY ASSURANCE - OPEN MONITOR TIME.

Quality assurance after opening.

- proof of opening time and opening duration of a product
- predefined fixed terms
- activation upon opening of a product
- visual support of a products opening time

Control of the „throw away behaviour“ of consumers.

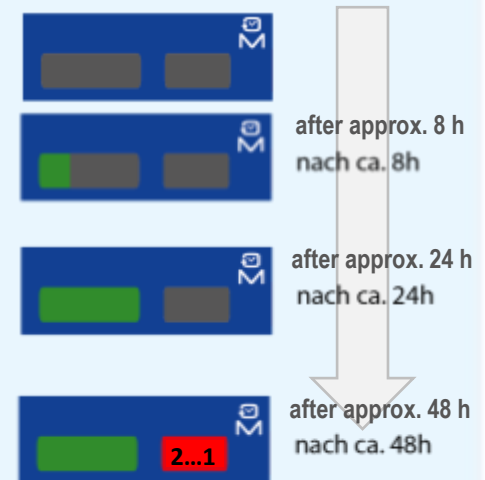




QUALITY ASSURANCE - OPEN MONITOR TIME.

Monitoring product freshness with integrated consumption request

- Packaging integration for "ultra fresh" products
- Shows the user the period from the packaging of the product by status bar (time scale optionally printable)
- Open Monitor signals the consumption request of the product in the countdown window "red".



Consumption request after 2 days

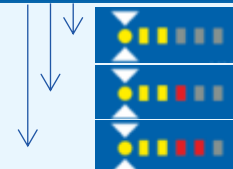
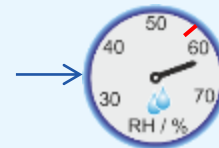
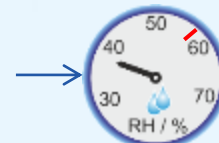


MOISTURE CONTROL - OPEN MONITOR HUMIDITY.

Monitors products sensitive to moisture.

→ as threshold- and doseindikator

- indication as soon as a product passes a predefined threshold value
- gives an indication on the exposed moisture dose (humidity / time)



product to be monitored
has been stored
adequately

predefined moisture
level has been passed



Optimization in quality standards to be met.



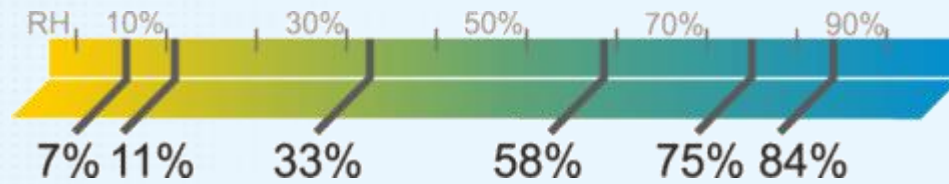
MOISTURE CONTROL - OPEN MONITOR HUMIDITY.

Monitors products sensitive to moisture.

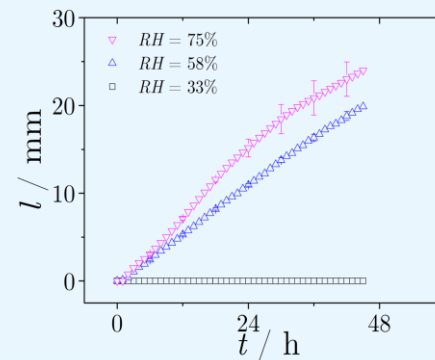
→ as threshold indicator

threshold value regulated through electrolyte salts

adjustable
threshold values



laboratory example: threshold value at 58%

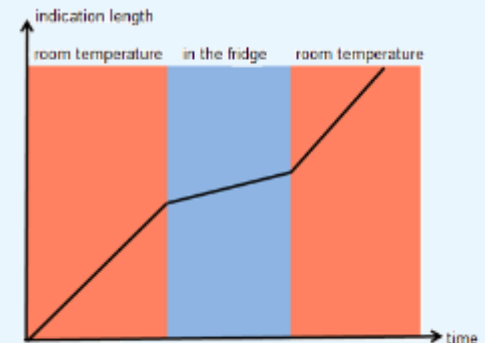




TIME-TEMPERATURE INDICATOR - OPEN MONITOR „eMHD“.

The electronic best-before-date.

- monitoring of the cold chain and consumer behaviour
- reacts to changes in the storage temperature
- dynamic backing of a products shelf life
- dynamic monitoring of manufacturer-related product durability
- visualization of use recommendations



Time +

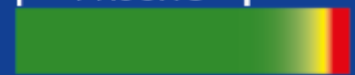


Temperature =

best - before - date

Mindestens haltbar bis:

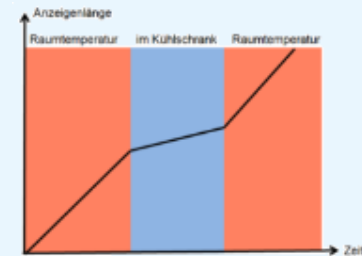
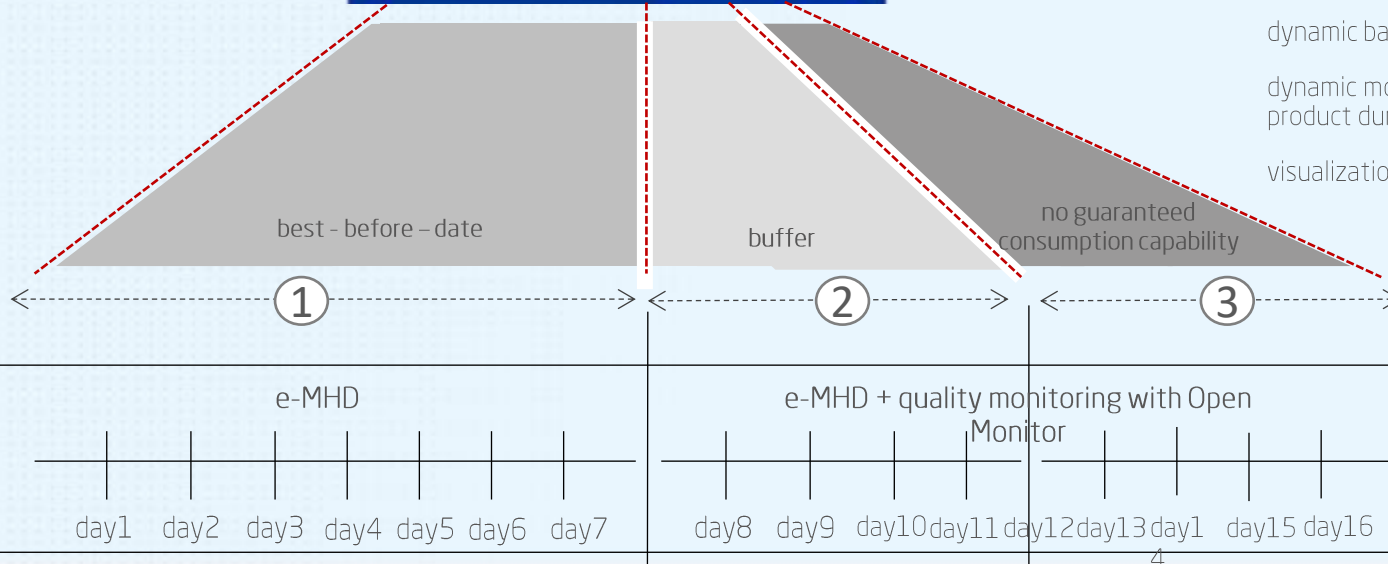
11.06.18





TIME-TEMPERATURE INDICATOR - OPEN MONITOR „eMHD“.

The electronic best-before-date.



monitoring of the cold chain and consumer behaviour

reacts to changes in the storage temperature

dynamic backing of a products shelf life

dynamic monitoring of manufacturer-related product durability

visualization of use recommendations

POSSIBILITIES OF ACTIVATION

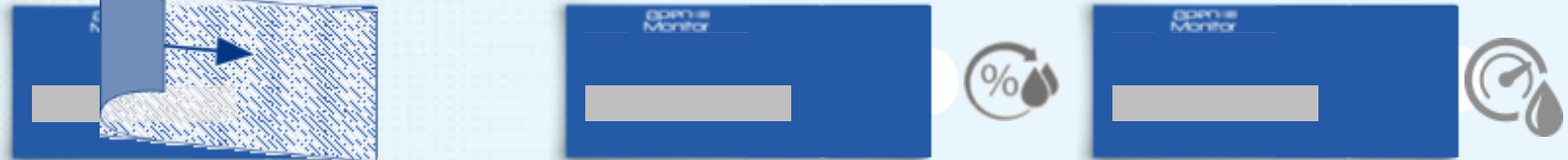
Activation by folding switch



Activation by pull-out flap



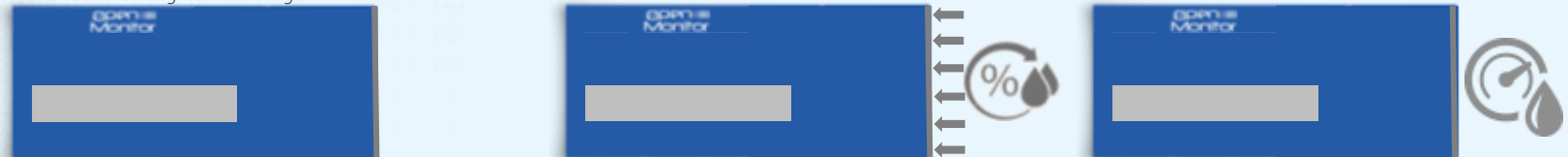
Activation by release sheet and pull-out flap



Activation by push button



Activation by humidity



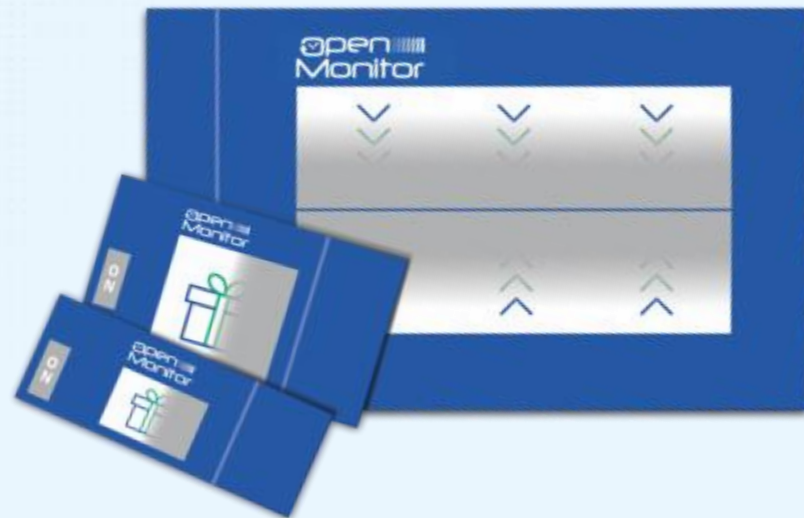
STARTING INTO A NEW ERA - WITH OPEN MONITOR.

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Duty to inform about data collection according to DSGVO Art. 13

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