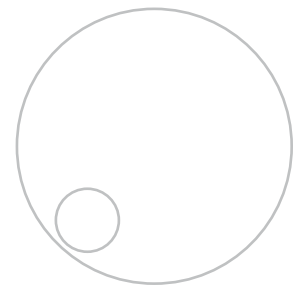
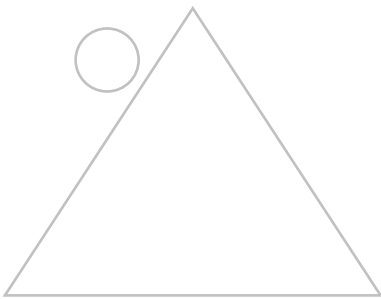
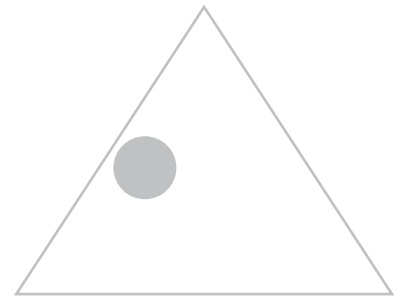
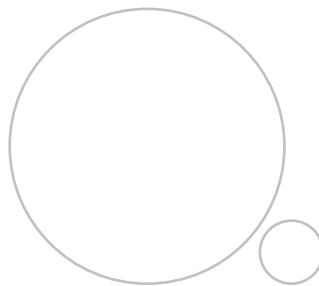
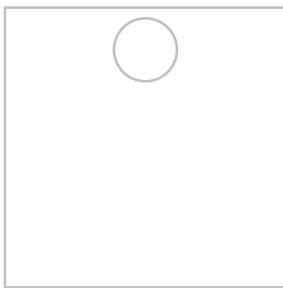


tiamas



scan



TIAMA Intelligence Systems - the **clever** solution

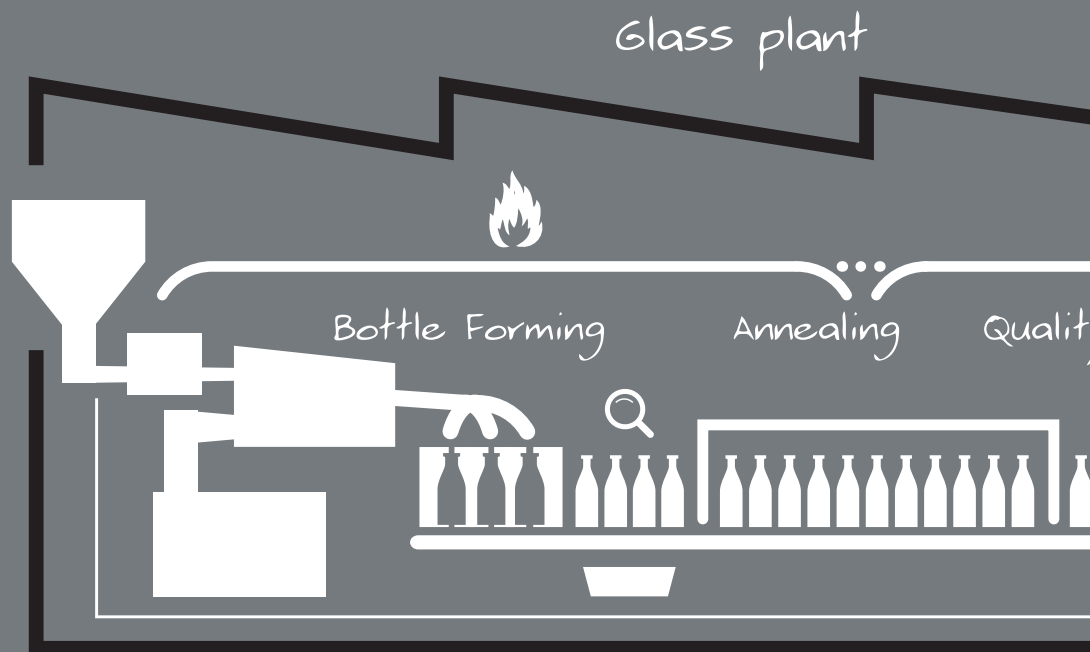
Control system for glass container plants

Today, the glassmaker should be in a position to monitor production lines in real time, to obtain all the relevant information as soon as possible, to help him take the right decisions promptly. Tiama fulfils this need by extending the IQ system with a new range of tools that give the glassmaker all necessary KPI's and data. The TIAMA IQ concept is based on three key requirements necessary for the hollow glass industry decision maker:

- 1 easy, flexible access to data
- 2 real time information
- 3 customization according to your needs

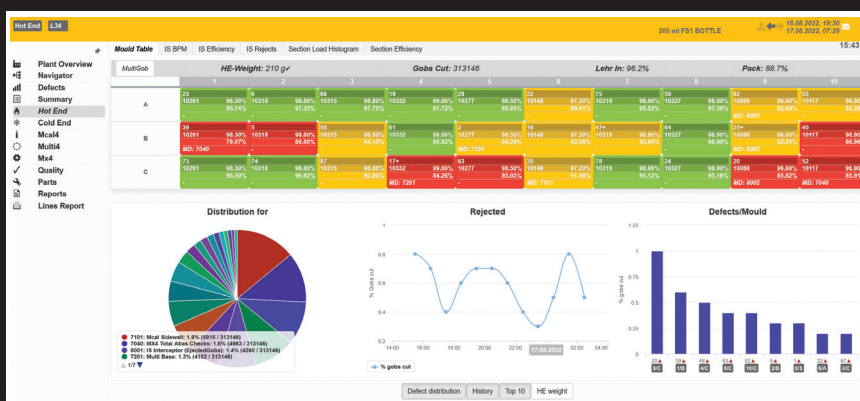
Based on the iAFS system (with more than 30 years' experience), the IQ Scan introduces a web-based solution with several benefits:

- No dedicated hardware for data access
- Accessible anywhere with an internet browser
- Easy remote updates
- Display reactivity on any hardware
- Easy to use, low training required
- Affordable solution



HOT END

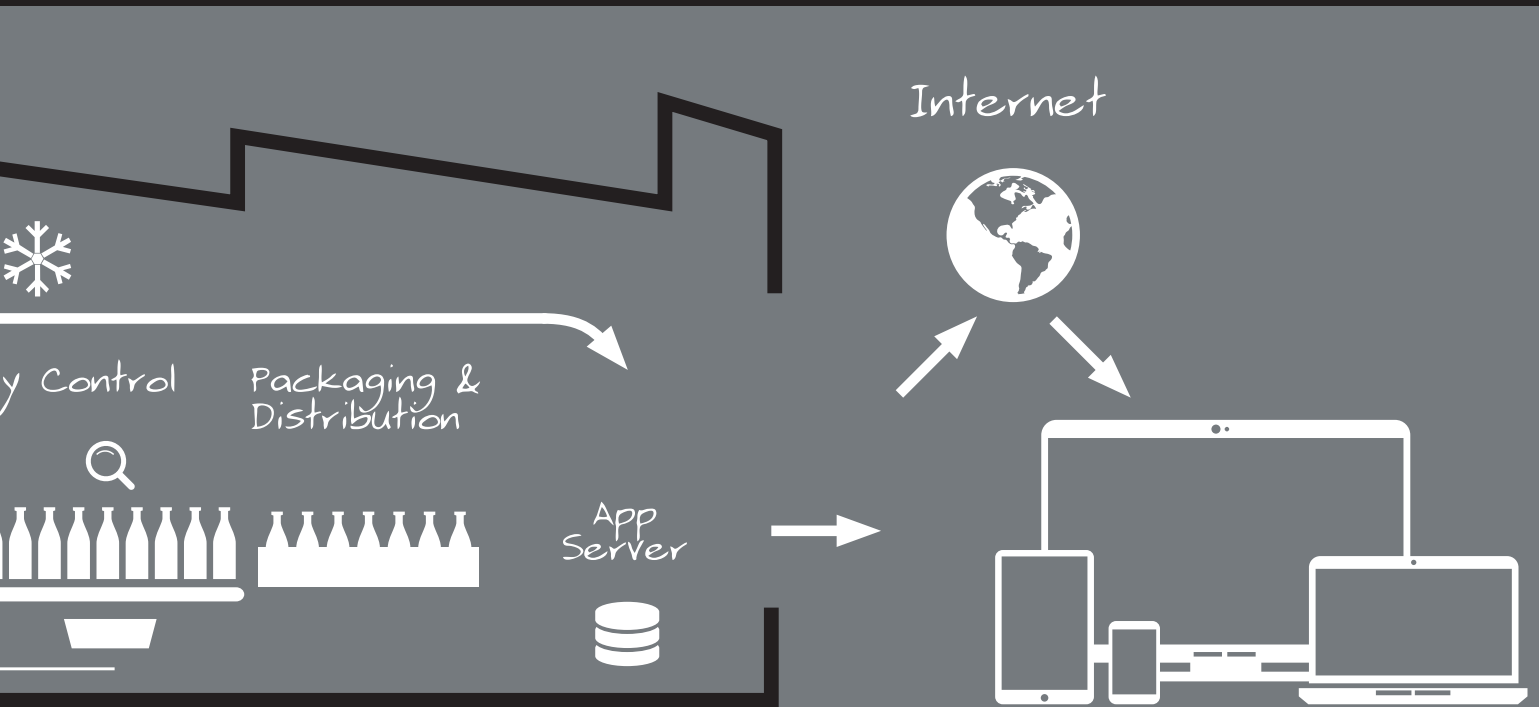
The hot end dashboard displays the various IS lines operating within a plant, the status of individual sections and cavities. Each of them displays the associated mould number, bottles rejected within the selected time frame and percentage rejects versus gobs cut for that cavity.



TIAMA IQ SCAN

Range of Information

- ❖ Batch plant
- ❖ Furnace
- ❖ Forehearth
- ❖ IS machine (section efficiency, downtime)
- ❖ Mould, tooling changeover
- ❖ Weight monitoring
- ❖ Lehr entry
- ❖ Tiama inspection machines (and others)
- ❖ Cold end losses, by mould number
- ❖ Mould reject history
- ❖ Packing (palletizers)
- ❖ Message HE/CE
- ❖ Systematic reject
- ❖ Laboratory
- ❖ Quality procedures
- ❖ Mold shop
- ❖ Reports
- ❖ Communication with ERP

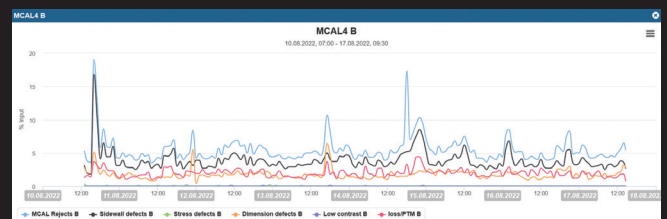
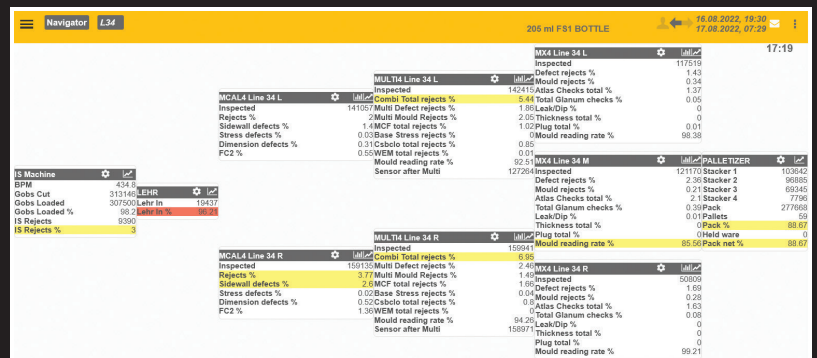


COLD END

The layout of Tiama inspection machines or others operating on the hot end / cold end sides of the line. Each machine displays the number of containers inspected, rejected and the percentage loss in relation to the gobs cut for the line.

Defect distribution:

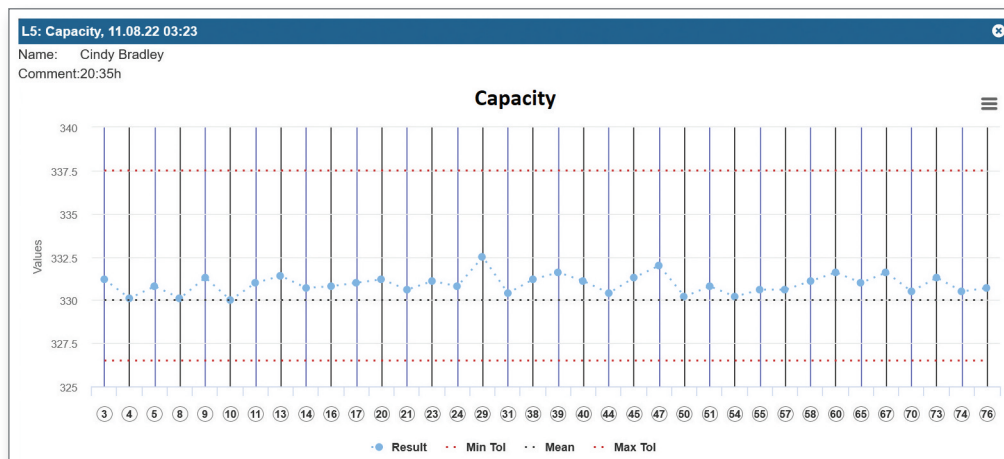
The lower part shows the percentage of reject and defects of one inspection over time. Charts are dynamic: you can zoom in and select the curves you want to display or not.



Control system for Glass container plants

LABORATORY

This option includes the connection to several control and measurement devices used in daily Cold End Laboratory reports and so delivers statistical process results including CPK values.



MOLDSHOP

In addition to the Part changes feature, you can also track and manage the moldsets of the IS machine such as Blow mold, Blank mold, Plunger and Neck ring. You can also track the mold repairs, block some parts and follow their lifetime.

Your main benefits

By collecting data from the IS machine to the palletizer, IQ Scan will help reduce the amount of rejects so that you know exactly when, where and why containers are lost across the lines and, in this way, allowing you to take corrective action to improve the overall efficiency.

Tiama IQ scan:

A range of tools that give you all necessary KPI's and data in real time, to help you take the right decisions promptly.



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