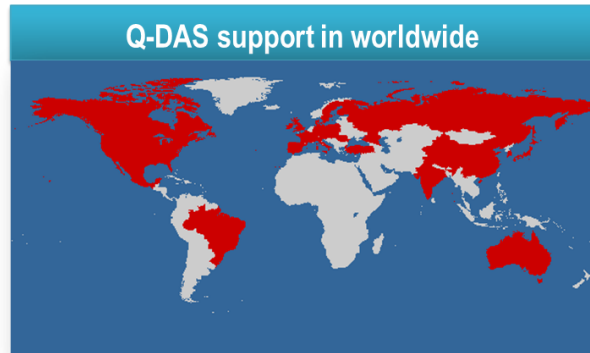


The background of the slide is composed of various shades of teal and blue geometric shapes, primarily triangles and polygons, creating a modern, low-poly aesthetic. These shapes are layered and overlap, with some pointing towards the top left and others extending towards the bottom right.

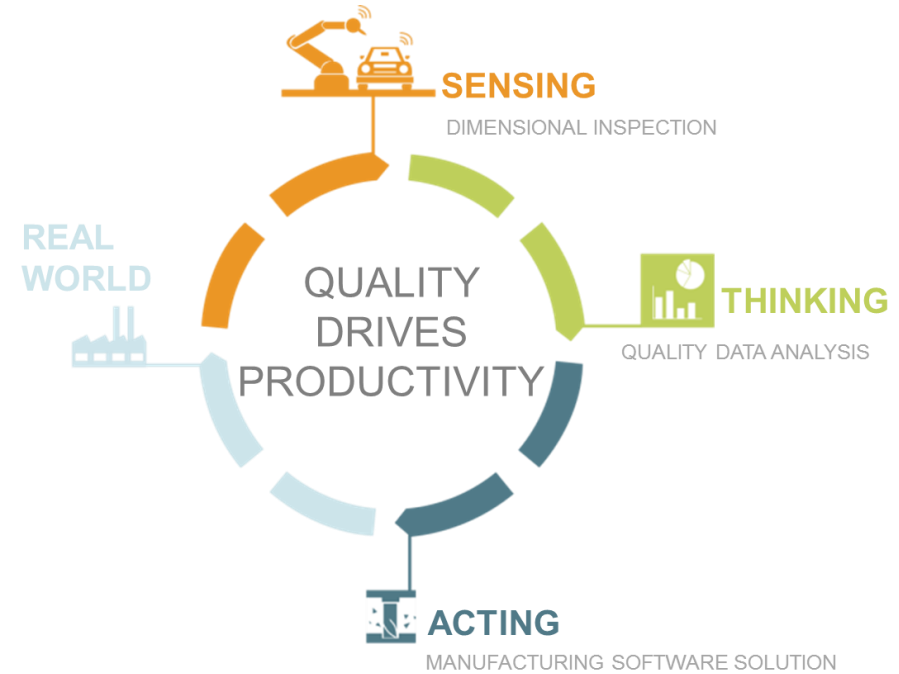
# Q-DAS Products (O-QIS) Overview

# Who is Q-DAS?

- More than 200000 users
- More than 8000 customers
- Support by Q-DAS and partners



The software is available in 21 languages and installed in 56 countries!



SENSING, **THINKING**, ACTING

- The Focus is on **data-driven thinking** part for **quality analysis** which drives productivity
- Q-DAS is a Global supplier of quality related software for **Data Collection, Statistical Analysis, SPC and Reporting** has been promoting **data-driven quality** analysis for every type of **manufacturing industry** since 1988,
- Now, part of Hexagon since April 2015



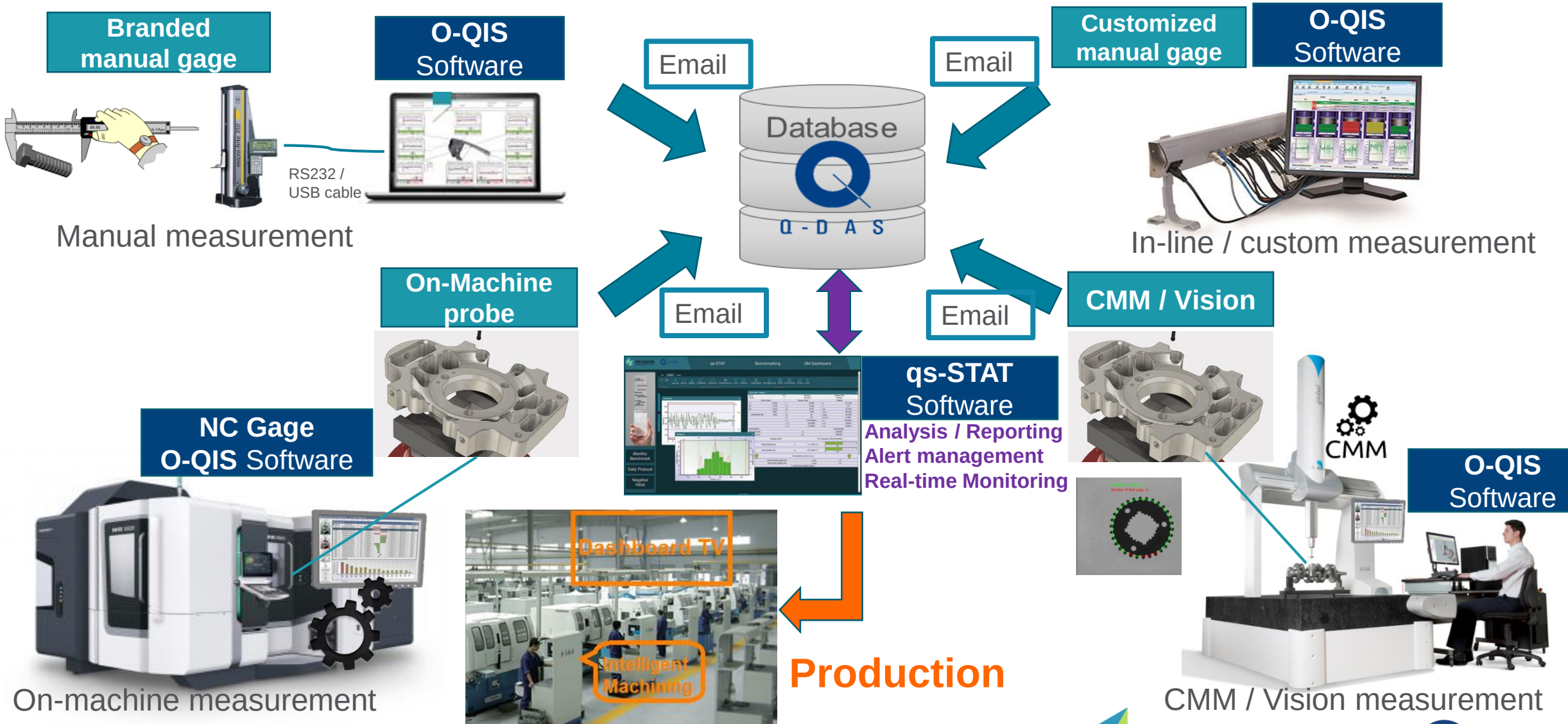
# Q-DAS Customers



Q-DAS has promoted intelligent solution on various sectors!



# Q-DAS System Overview





# Q-DAS CAMERA concept

C

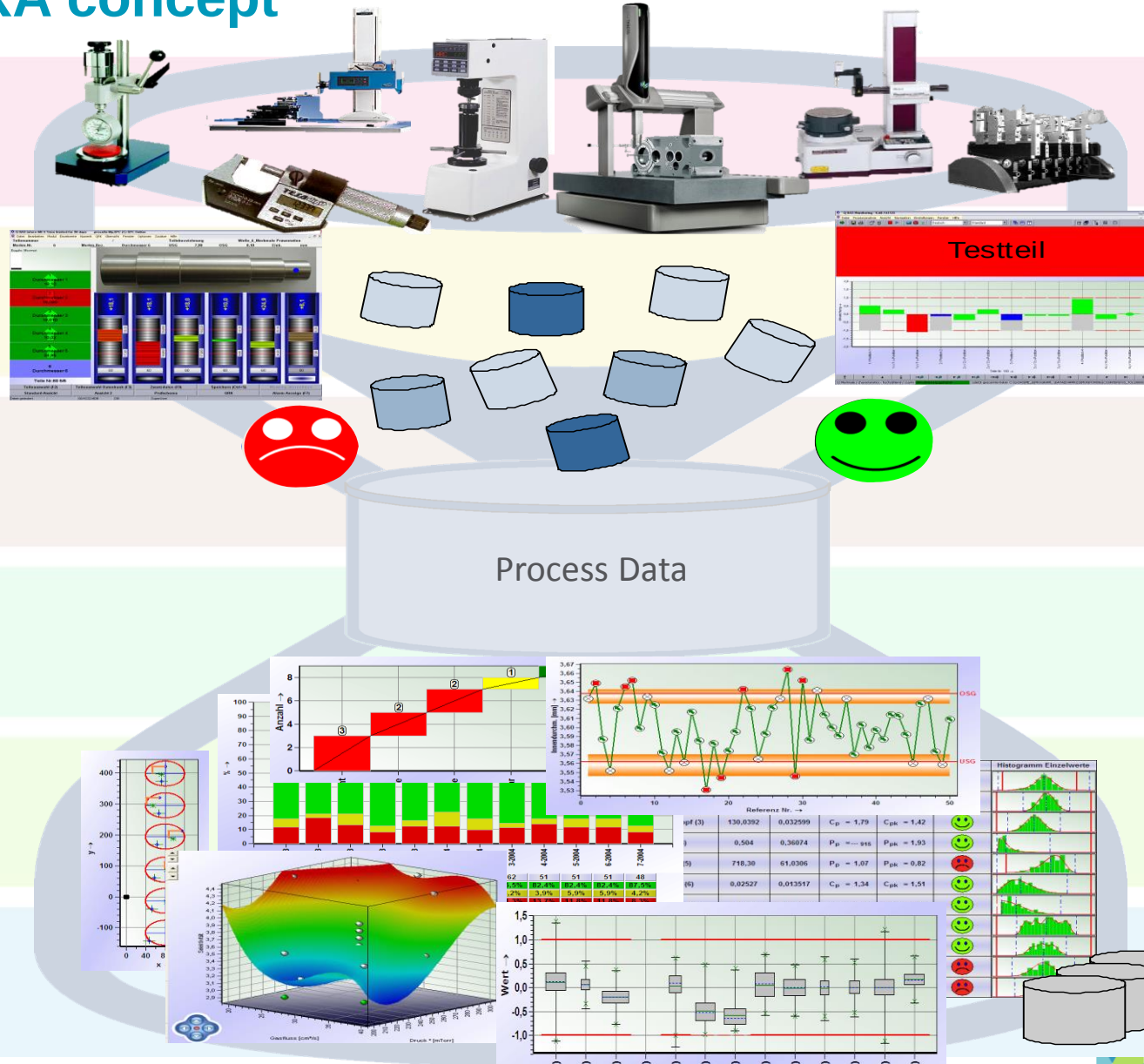
A

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## COLLECTING

- O-QIS
- Q-DAS® Data formats

## ASSESSING

- O-QIS Monitoring
- O-QIS Result Views

## MANAGING

- Q-DAS® Database
- SPC Test Planning
- SAP Interface (QM-IDI)

## EVALUATING

- qs-STAT®, solara.MP®
- *destra*®
- Q-DAS® Statistical Server
- SAP Interface (QM-STI)

## REPORTING

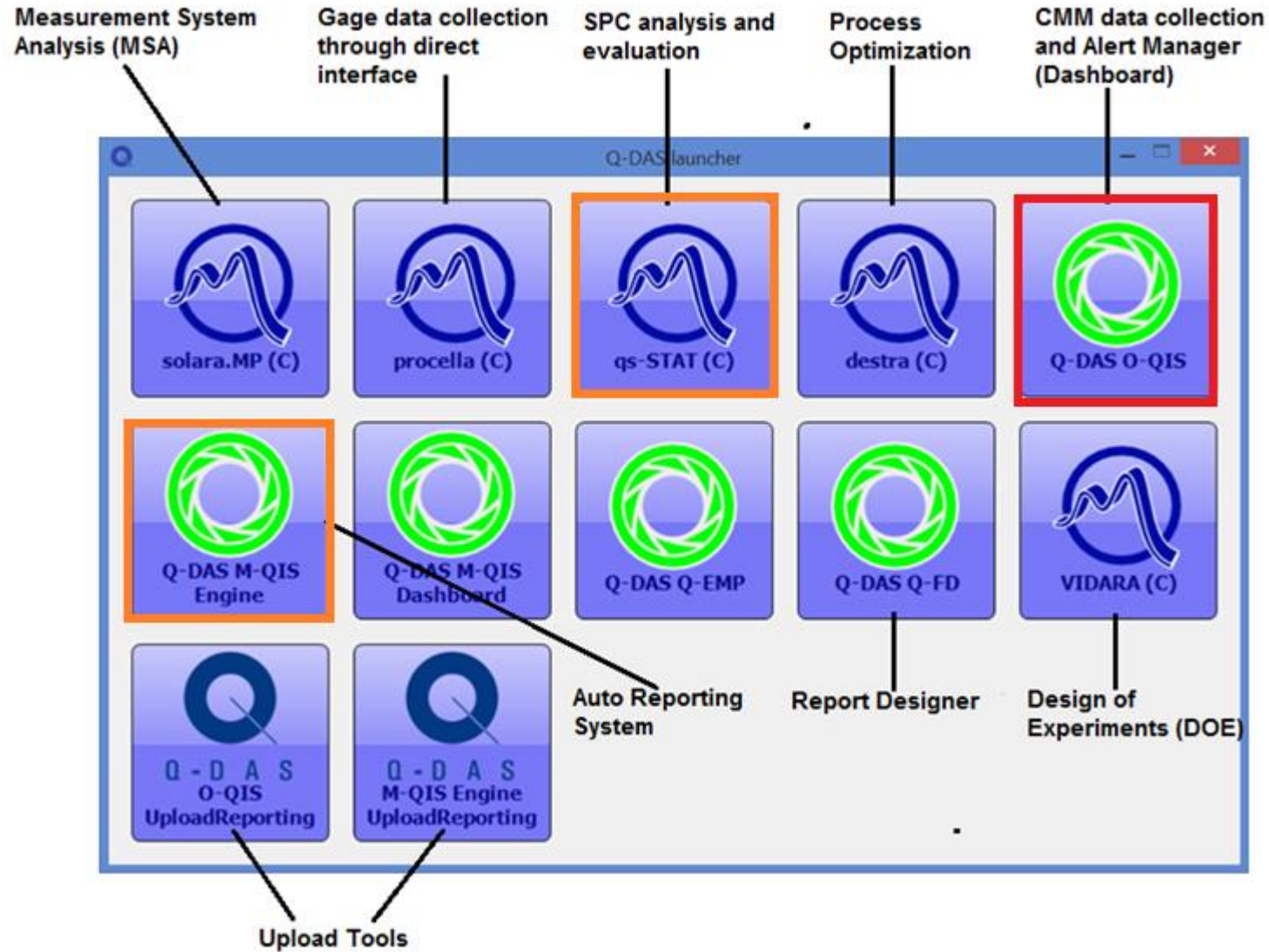
- Form- and Web-designer
- M-QIS Reporting System
- M-QIS Web

## ARCHIVING

- M-QIS Data compacting
- M-QIS Long-term Analysis

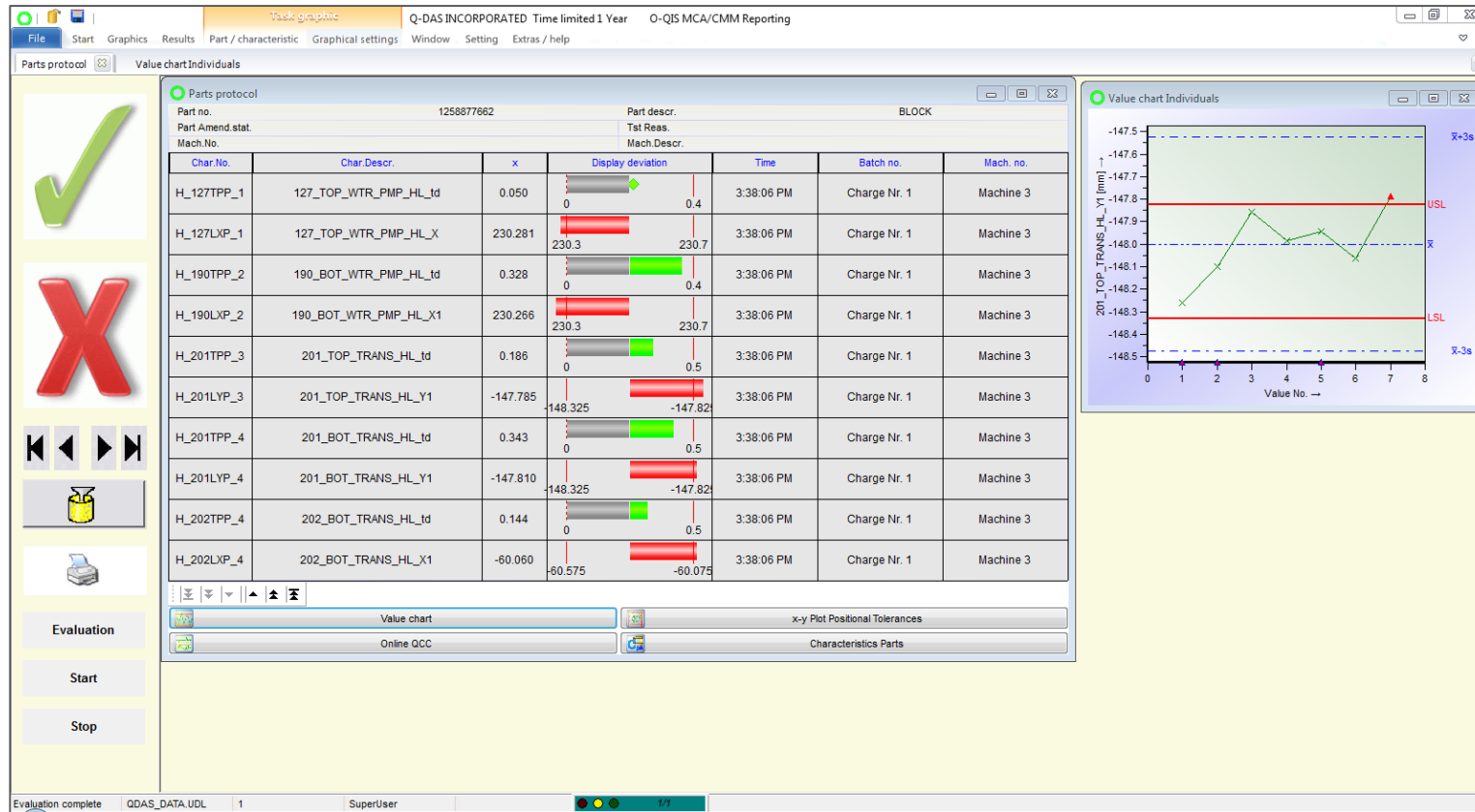
# Q-DAS Product Package

- Q-DAS Software can be modularized, with each module providing specific solutions.



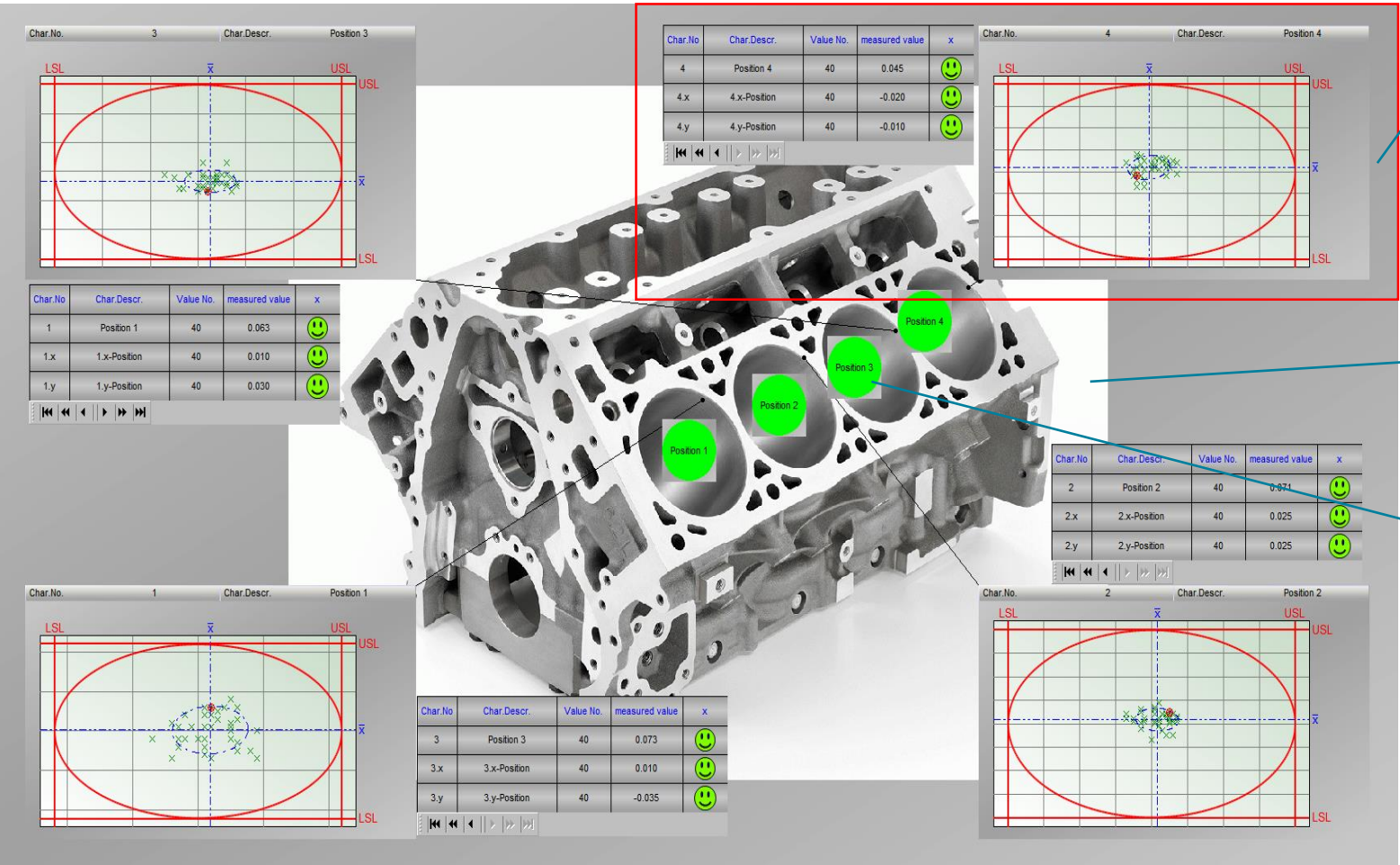
# O-QIS – Dimension List View

- Evaluate, Monitor and Confirm the last measured value
  - Data is stored in a local database and evaluated based on pre-defined alarm conditions
  - User must Accept / Reject each measurement
  - Optional mandatory input of events / causes / actions





# O-QIS – Monitoring View



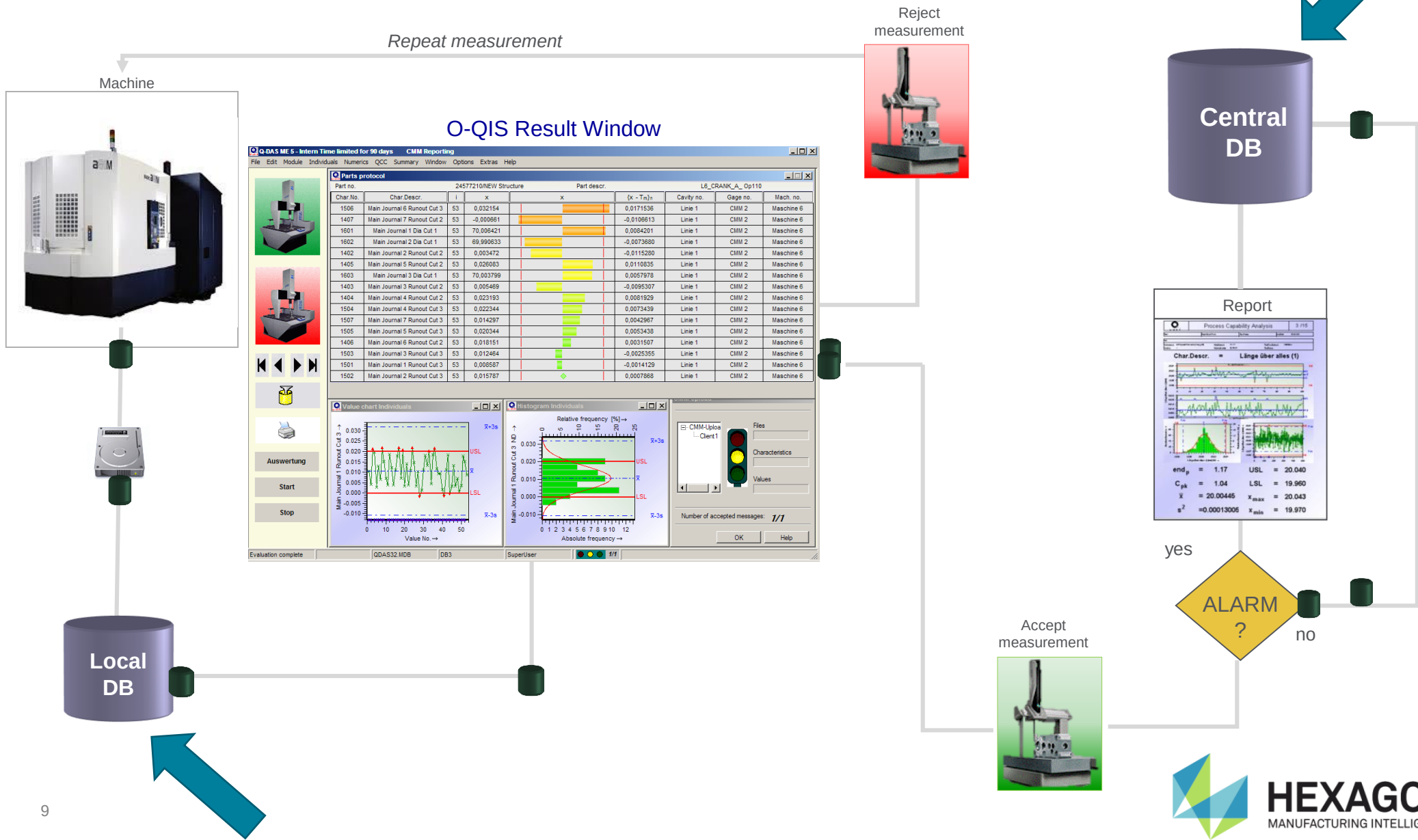
Positional tolerance view and its measured value view

Picture or drawing

Green or Red alarm lights  
When it becomes red indicate out of tolerance



# O-QIS – Confirmation Process



# O-QIS Alert Email

- Real-time measurement result, in case of OOT, can be sent by Email to Person-in-charge:

The screenshot displays an email interface with a message from **qdas\_spc@my.mu-technology.com** to **SUN Qili**. The email subject is **--> xBolt --> Status : n.O.K.**. A PDF attachment, **xBolt\_1562018\_45452 PM.pdf** (80 KB), is highlighted with a blue box. Below the email, the text **--> xBolt --> Status : n.O.K.** is repeated. The PDF report, titled **Email Alert Report**, is shown in the foreground. It contains the following data:

| Part no. x1                        | Part name              | xBolt              | Date/Time | 15/6/2018 4:54:52 PM |
|------------------------------------|------------------------|--------------------|-----------|----------------------|
| Char.No. 7                         | Char. Name             | Characteristic 7.1 | CP Type   |                      |
| USL 0.040                          | UIL                    | LMCL               | UCL       | 0.02583              |
| LSL 0.000                          | LIL                    | LMCL               | LCL       | 0.01417              |
| Alarms                             |                        |                    |           |                      |
| Measurement value above spec limit |                        |                    |           |                      |
| measured value                     | 0.040                  | Mach. no.          | 4         | Gage no. Hex_CMM-2   |
| Process                            | Process 01(Functional) | Palet              | Fixture   | Cavity               |

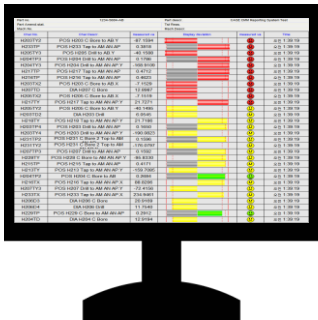
Below the table is a line graph showing the measurement value over time. The y-axis is labeled **Characteristic 7.1 (mm)** and ranges from 0.000 to 0.040. The x-axis shows time points from 17:28 AM to 17:29 AM. A red line represents the measurement, which fluctuates around 0.025 mm. A green line represents the specification limit (LSL = 0.000). The graph shows a peak in the measurement value, indicating an OOT condition.



# Packaging and options for special



Hexagon CMM



Hexagon O-QIS Software



## O-QIS

### Main Functions:

1. Real-time Data Collection
2. Result Visualization
3. Database Management
4. Process capability analysis
5. Alert Email Generation
6. Report Generation
7. Report Template Customization
8. Others



# THANK YOU!

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**1585-0353579**

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