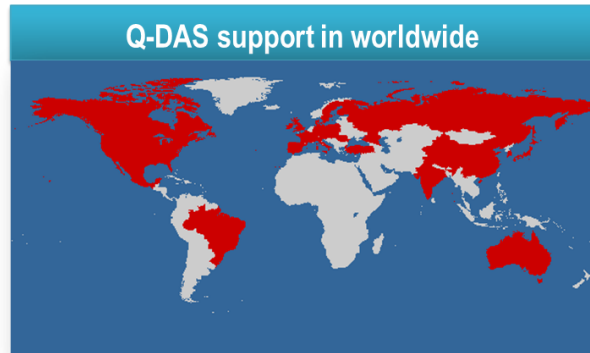


The background of the slide is composed of various shades of blue and teal geometric shapes, primarily triangles and polygons, creating a modern, low-poly aesthetic. These shapes are layered and overlap, with some pointing towards the top left and others extending towards the bottom right.

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



HEXAGON
MANUFACTURING INTELLIGENCE



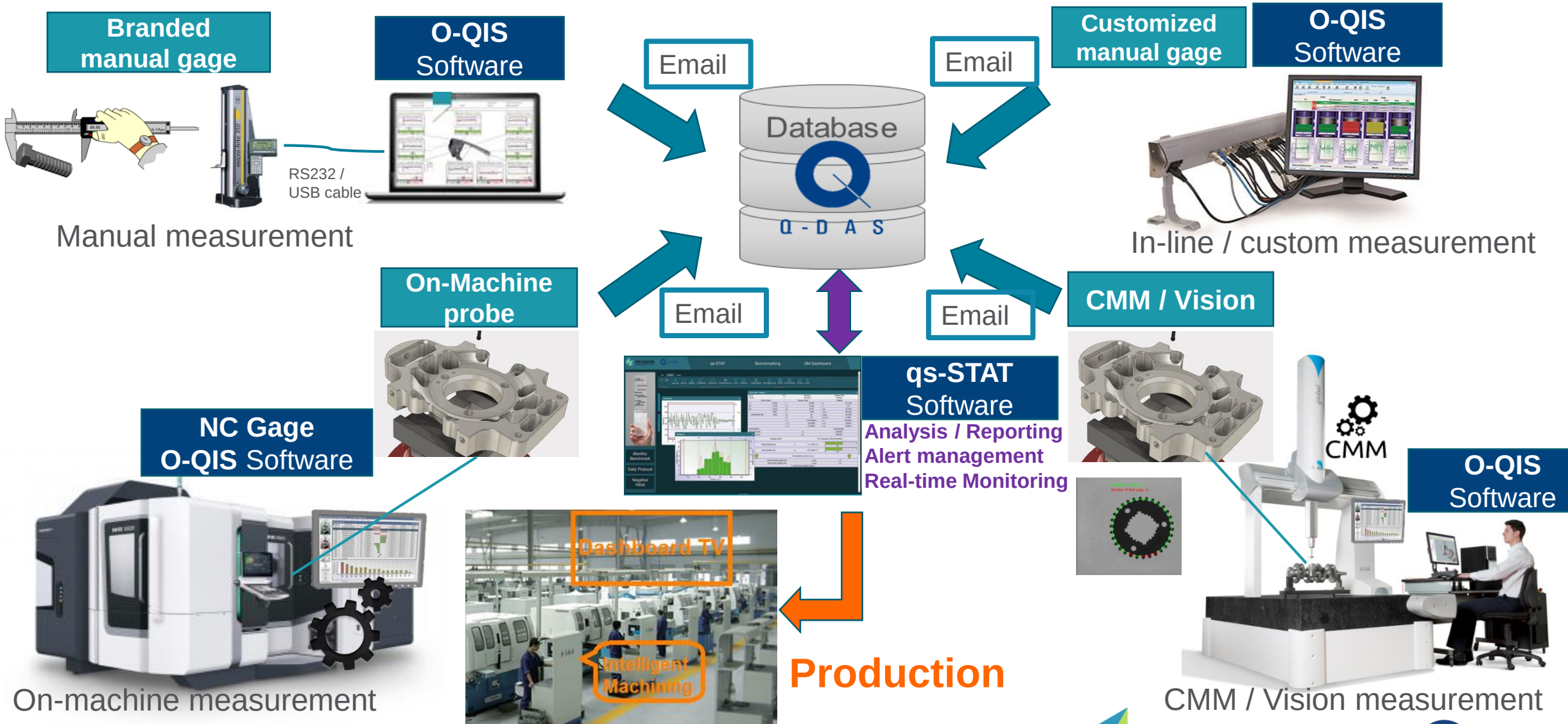
Q-DAS Customers



Q-DAS has promoted intelligent solution on various sectors!



Q-DAS System Overview



Q-DAS CAMERA concept

C

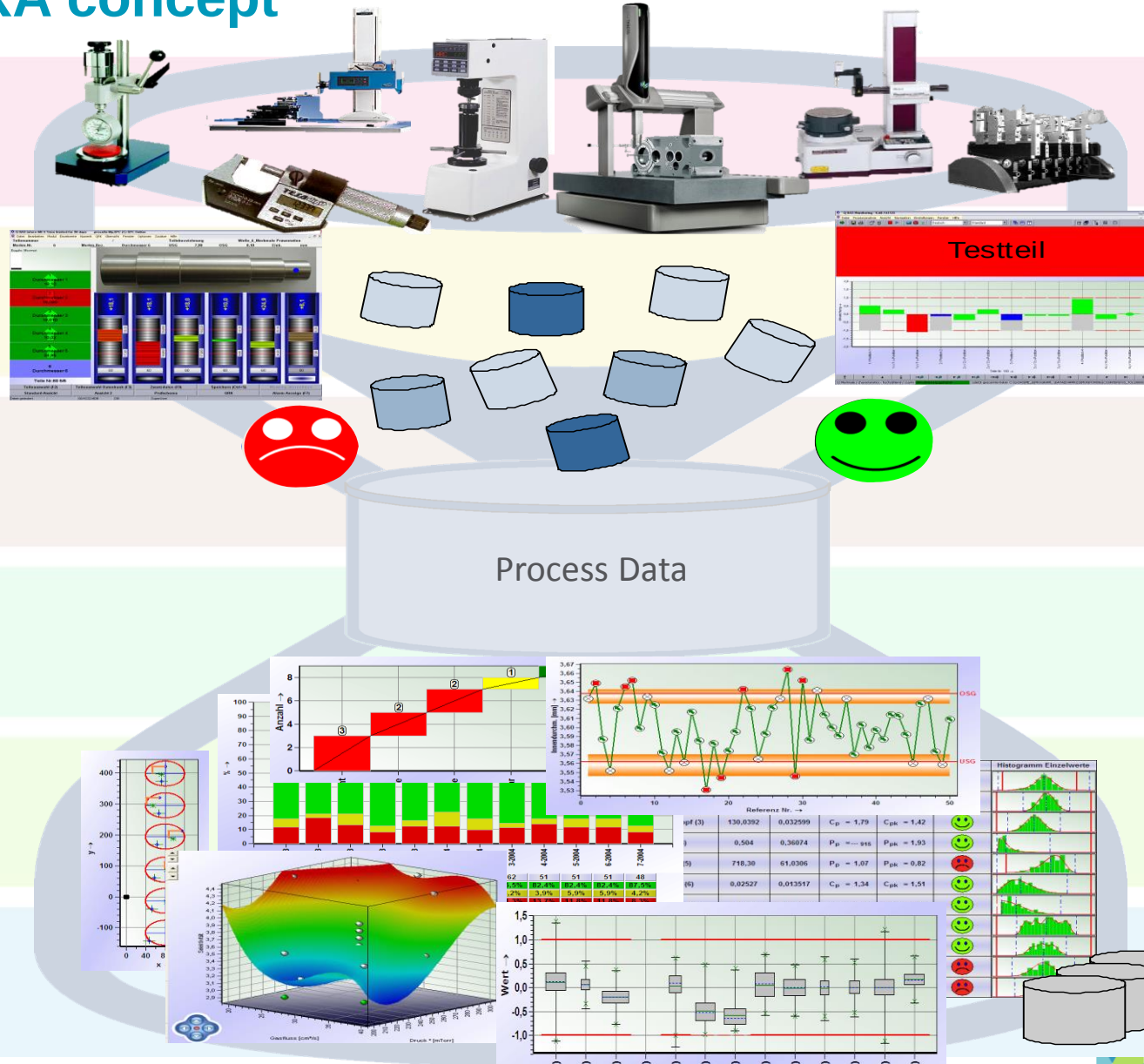
A

M

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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

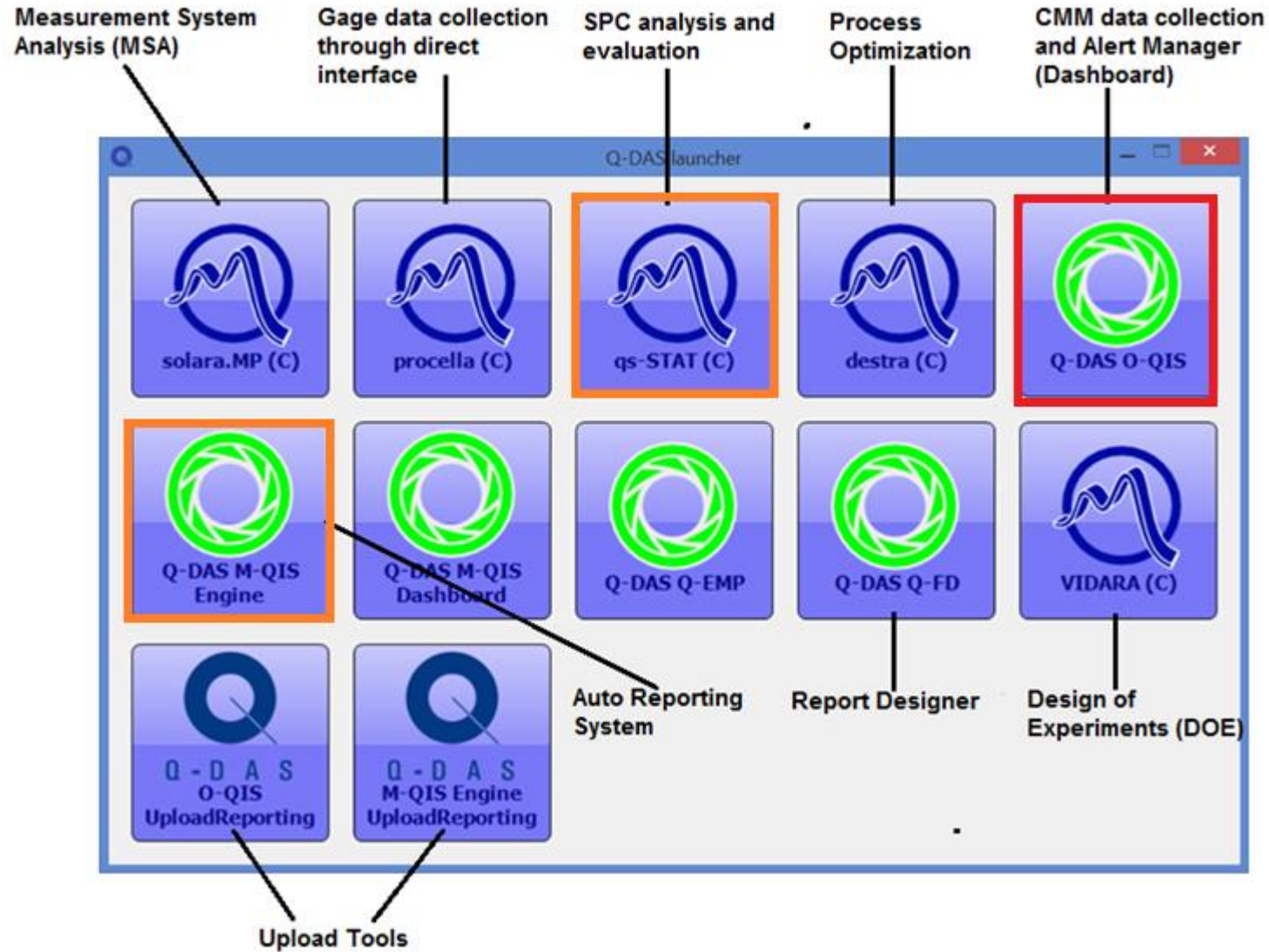
- Form- and Web-designer
- M-QIS Reporting System
- M-QIS Web

ARCHIVING

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

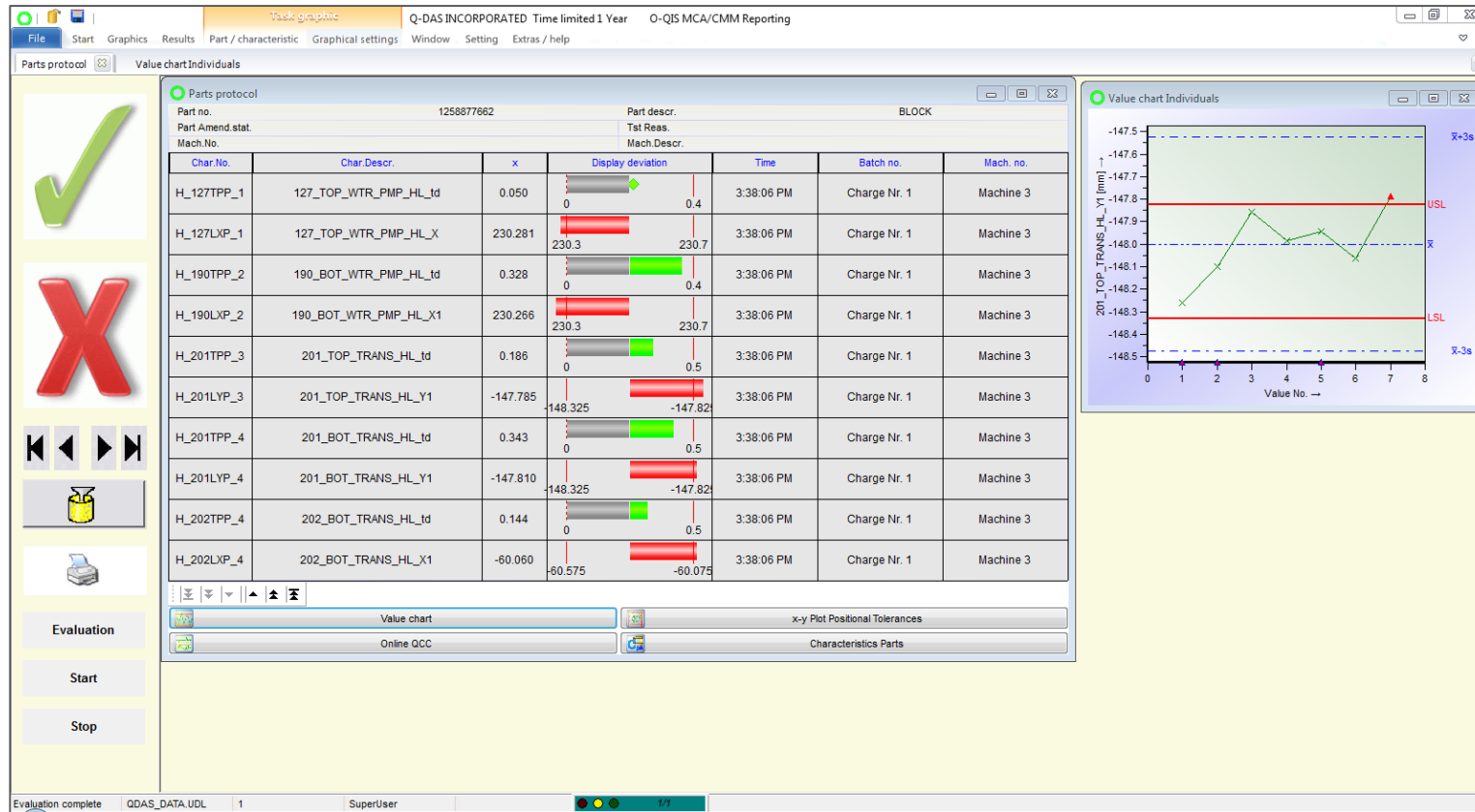
Q-DAS Product Package

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



O-QIS – Dimension List View

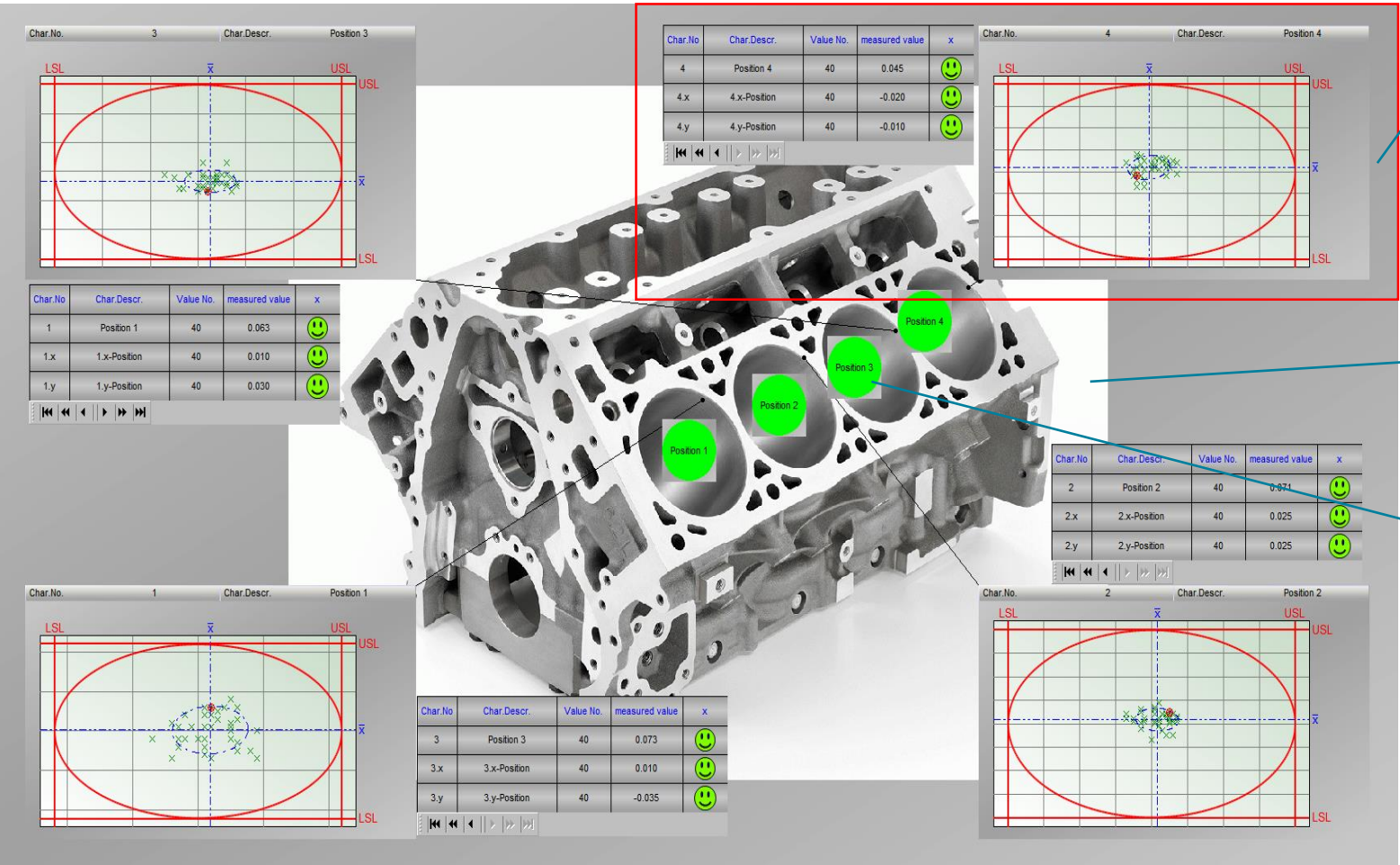
- Evaluate, Monitor and Confirm the last measured value
 - Data is stored in a local database and evaluated based on pre-defined alarm conditions
 - User must Accept / Reject each measurement
 - Optional mandatory input of events / causes / actions



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O-QIS – Monitoring View

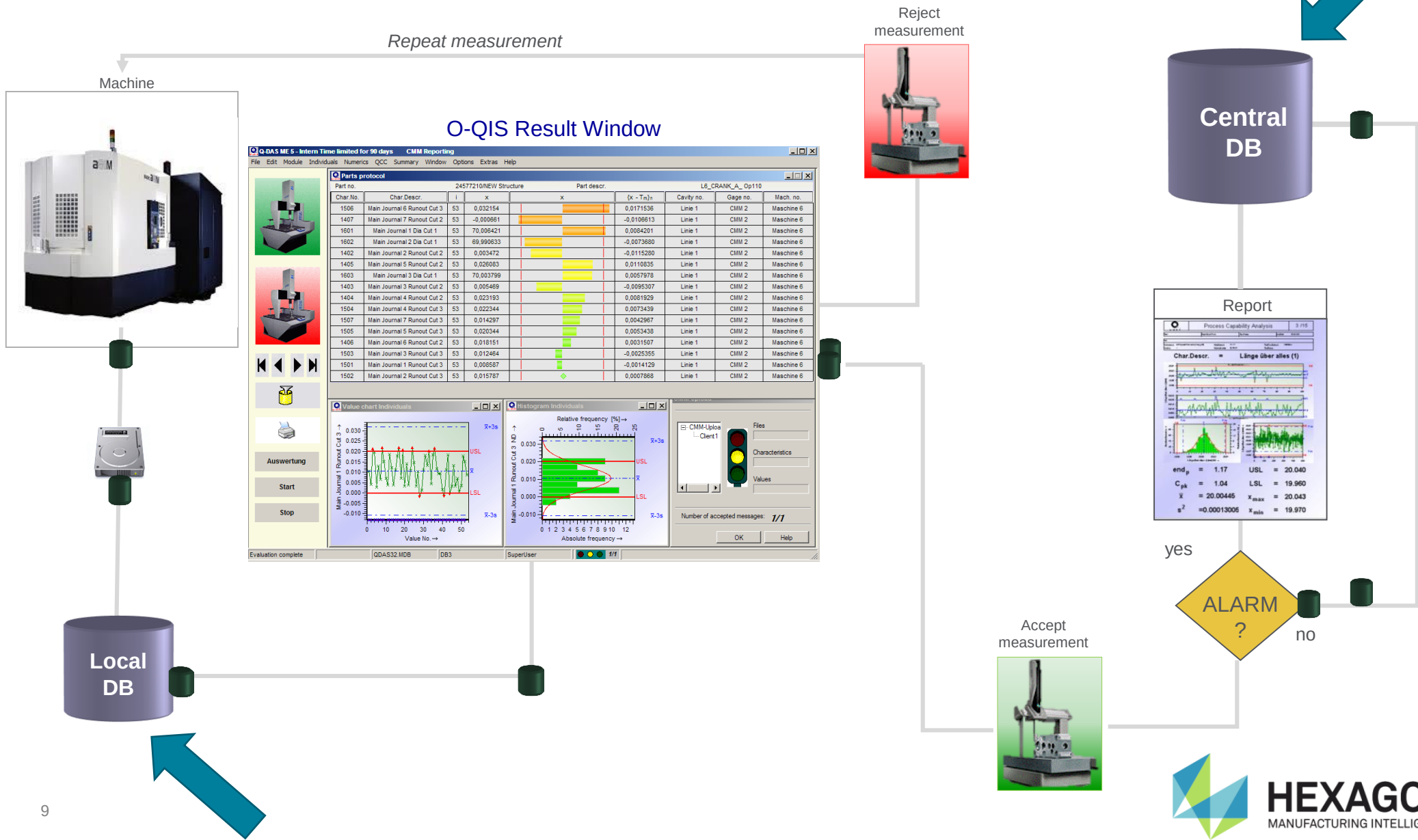


Positional tolerance view and its measured value view

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 information:

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	UMCL	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

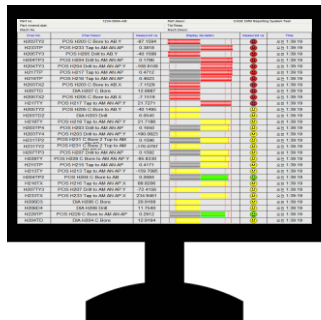
Below the table is a line graph showing the measurement value over time. The y-axis is labeled **Characteristic 7.1 (mm)** and ranges from 0.000 to 0.040. The x-axis shows time points from 17:28 AM to 17:29 AM. A red line represents the measurement, which fluctuates around 0.025 mm. A green line represents the specification limit (USL) at 0.040 mm. A red line represents the lower specification limit (LSL) at 0.000 mm. The graph shows that the measurement value is consistently above the LSL and below the USL, indicating a process that is out of control (OOT).



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!

精密量測部

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