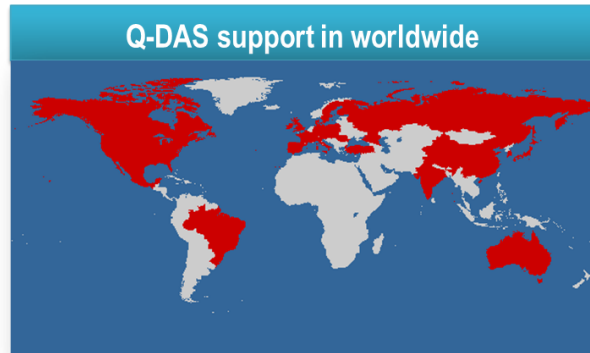


The background of the slide is composed of various shades of blue and teal geometric shapes, primarily triangles and polygons, creating a modern, low-poly aesthetic. These shapes are layered and overlap, with some pointing towards the top left and others extending towards the bottom right.

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



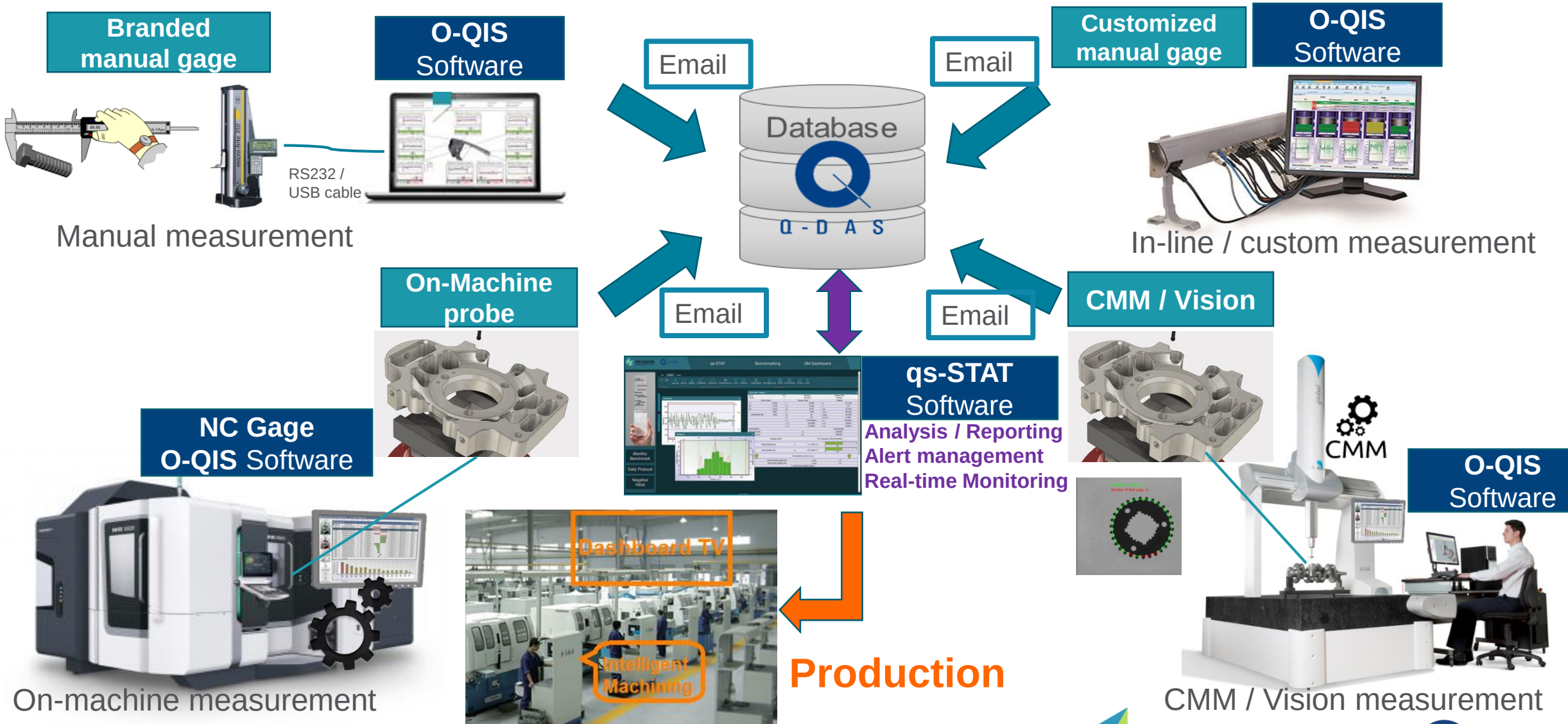
Q-DAS Customers



Q-DAS has promoted intelligent solution on various sectors!



Q-DAS System Overview



Q-DAS CAMERA concept

C

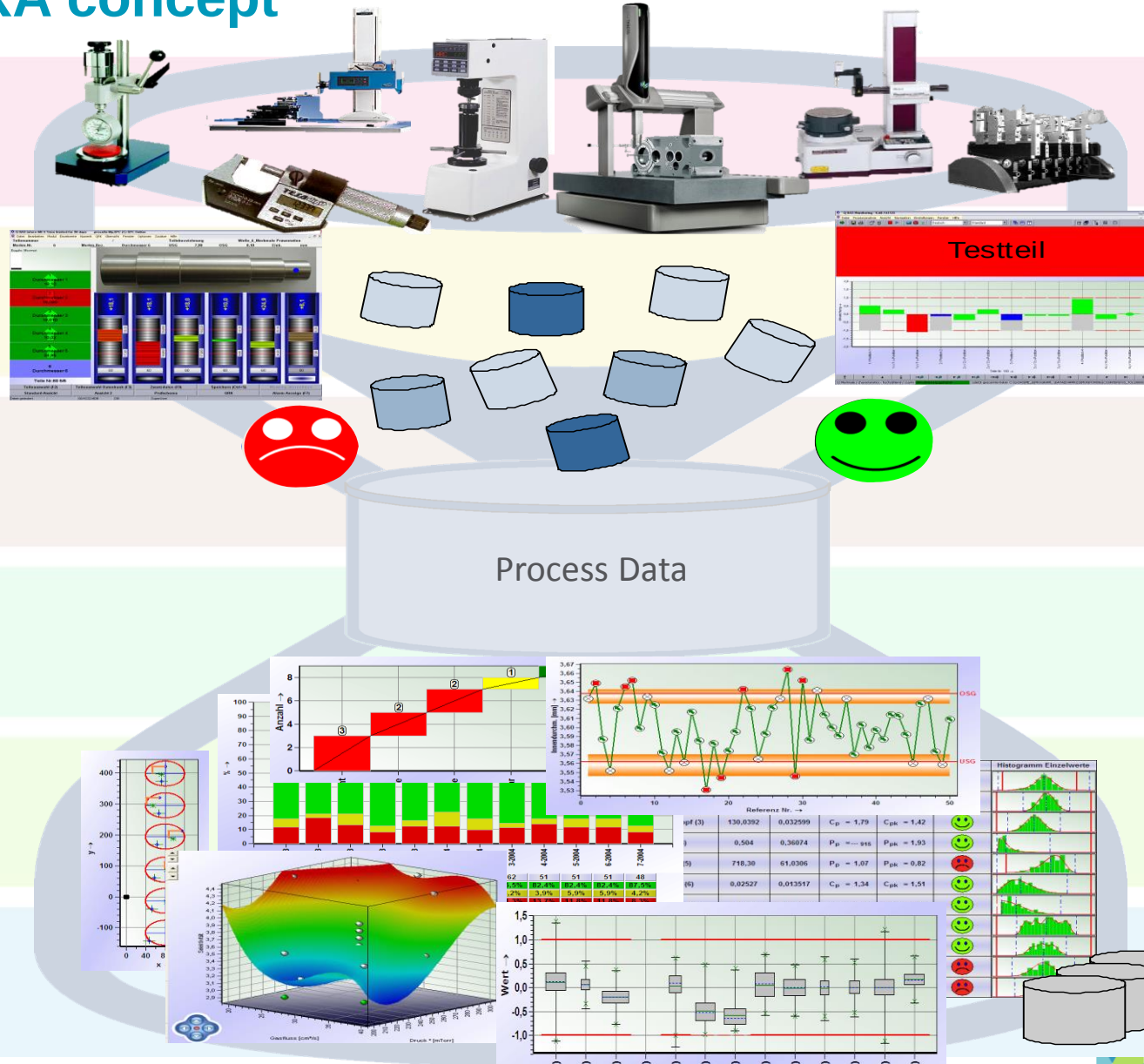
A

M

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R

A



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

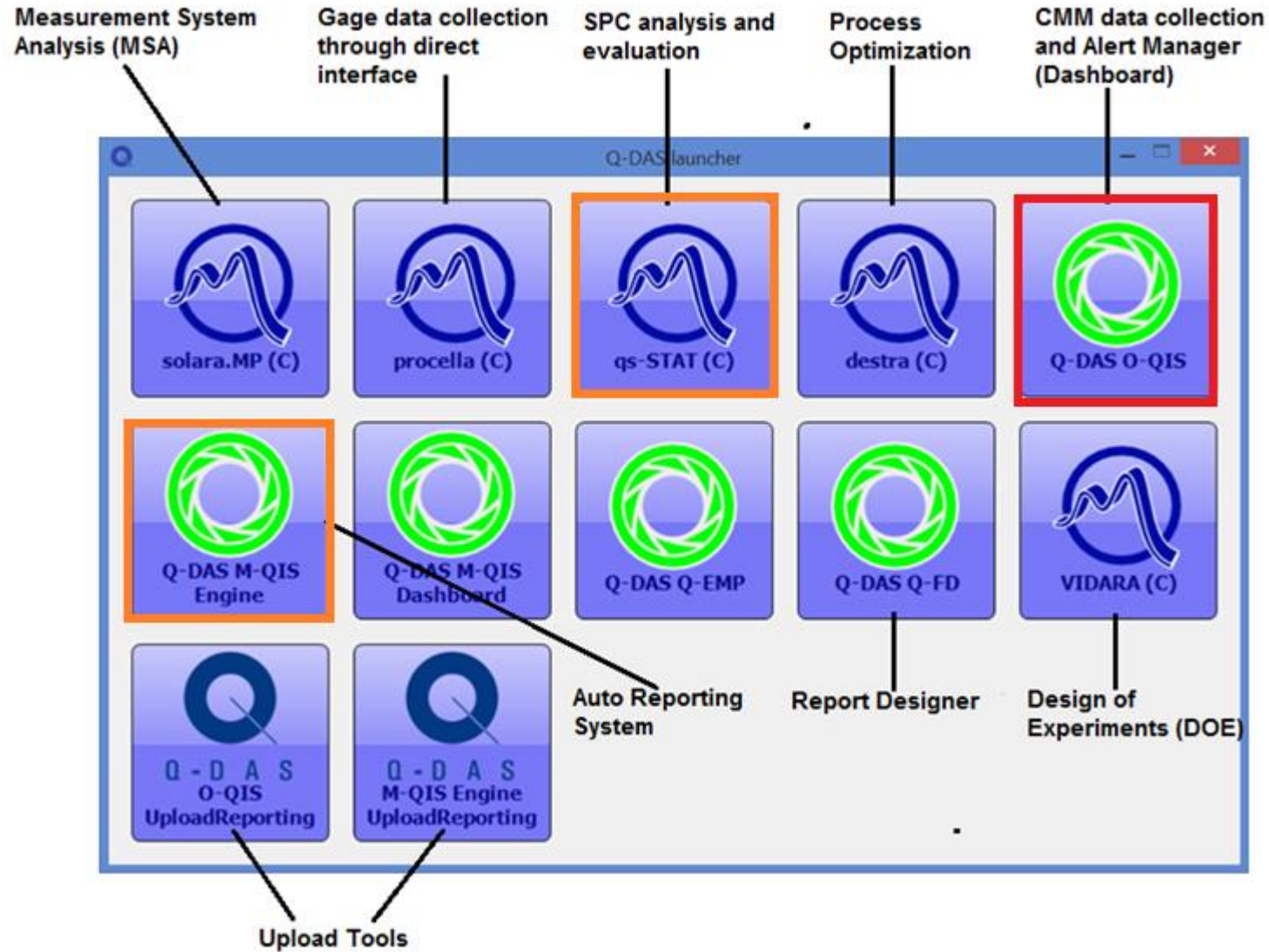
- Form- and Web-designer
- M-QIS Reporting System
- M-QIS Web

ARCHIVING

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

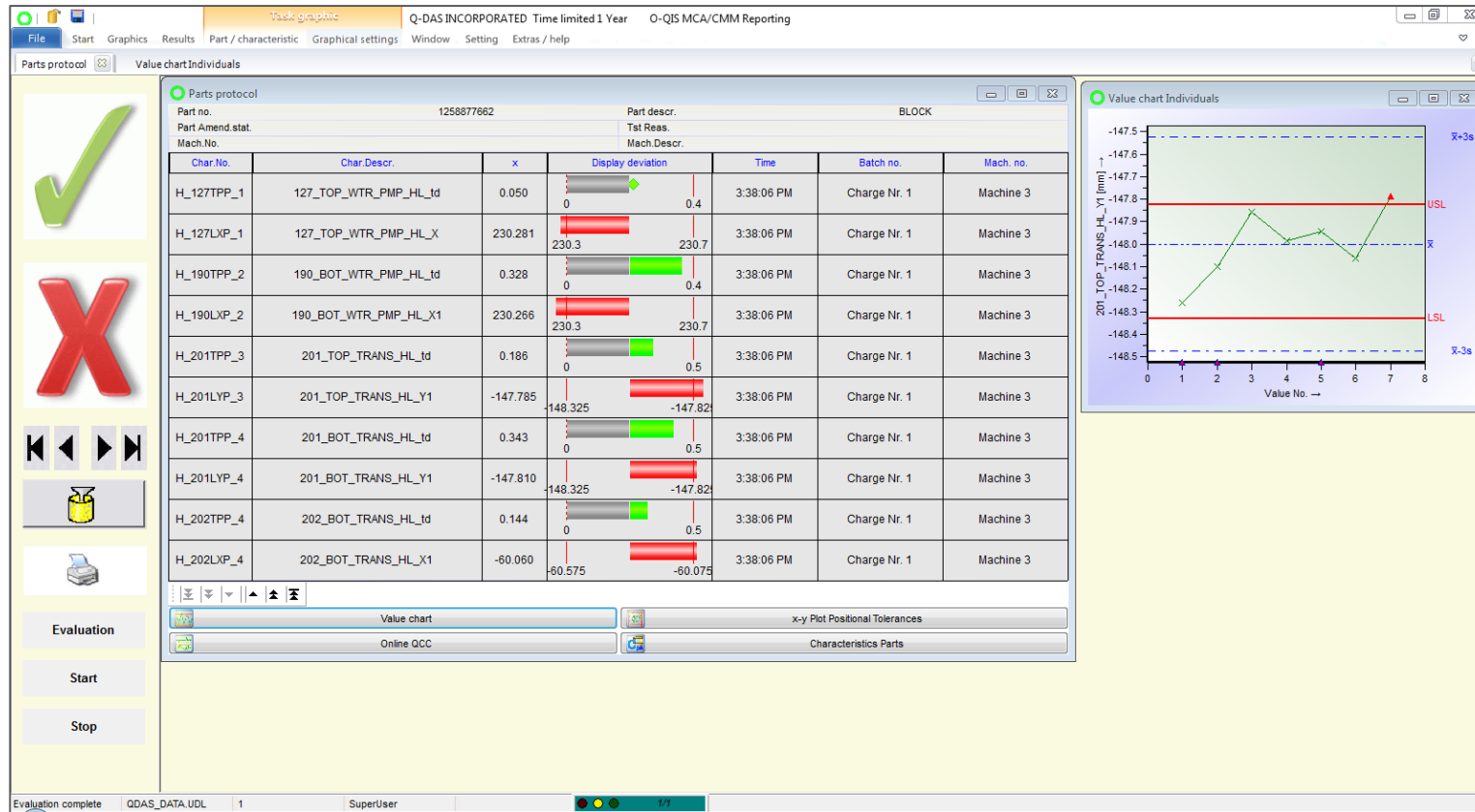
Q-DAS Product Package

- Q-DAS Software can be modulized, 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

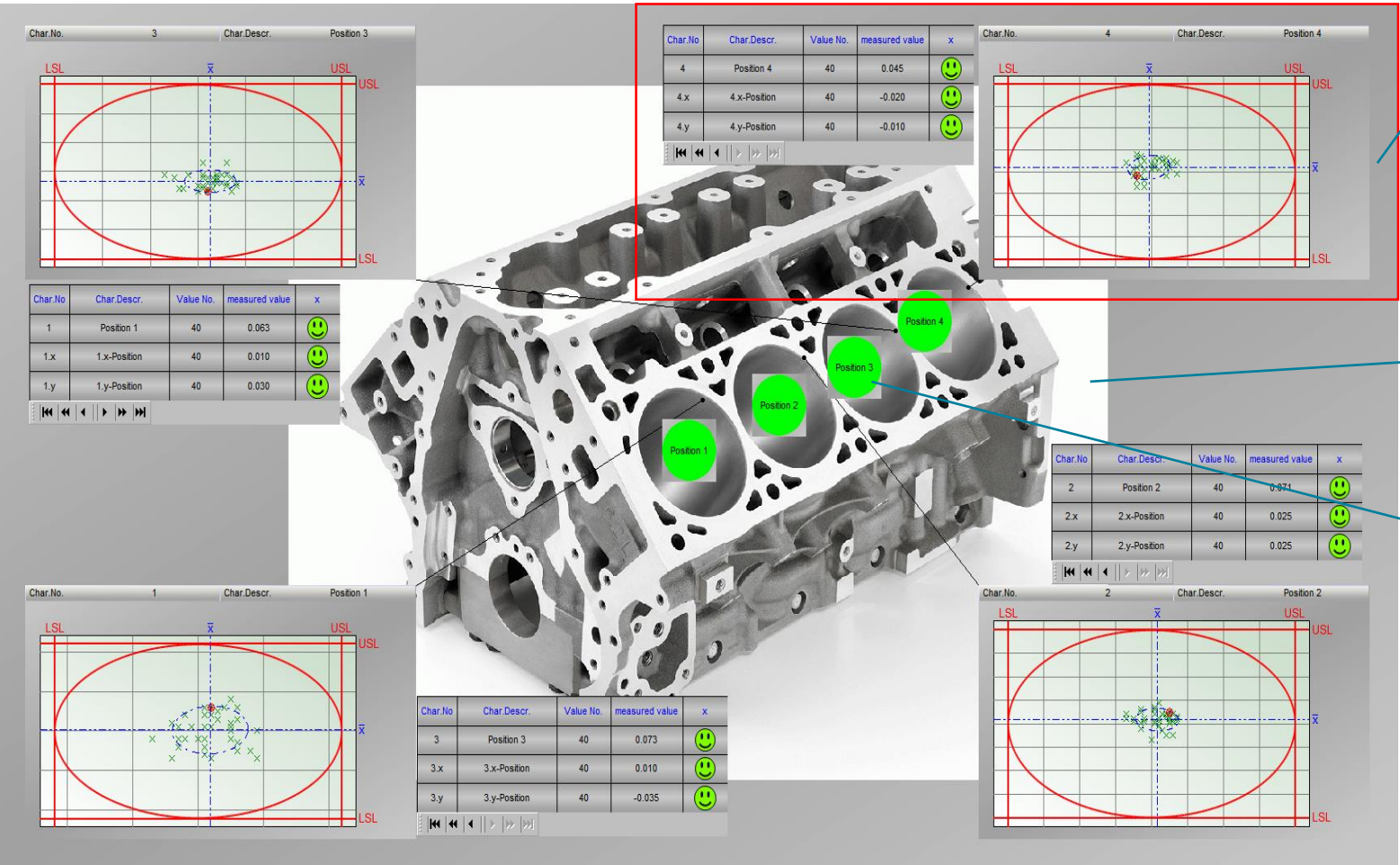


O-QIS – Monitoring View

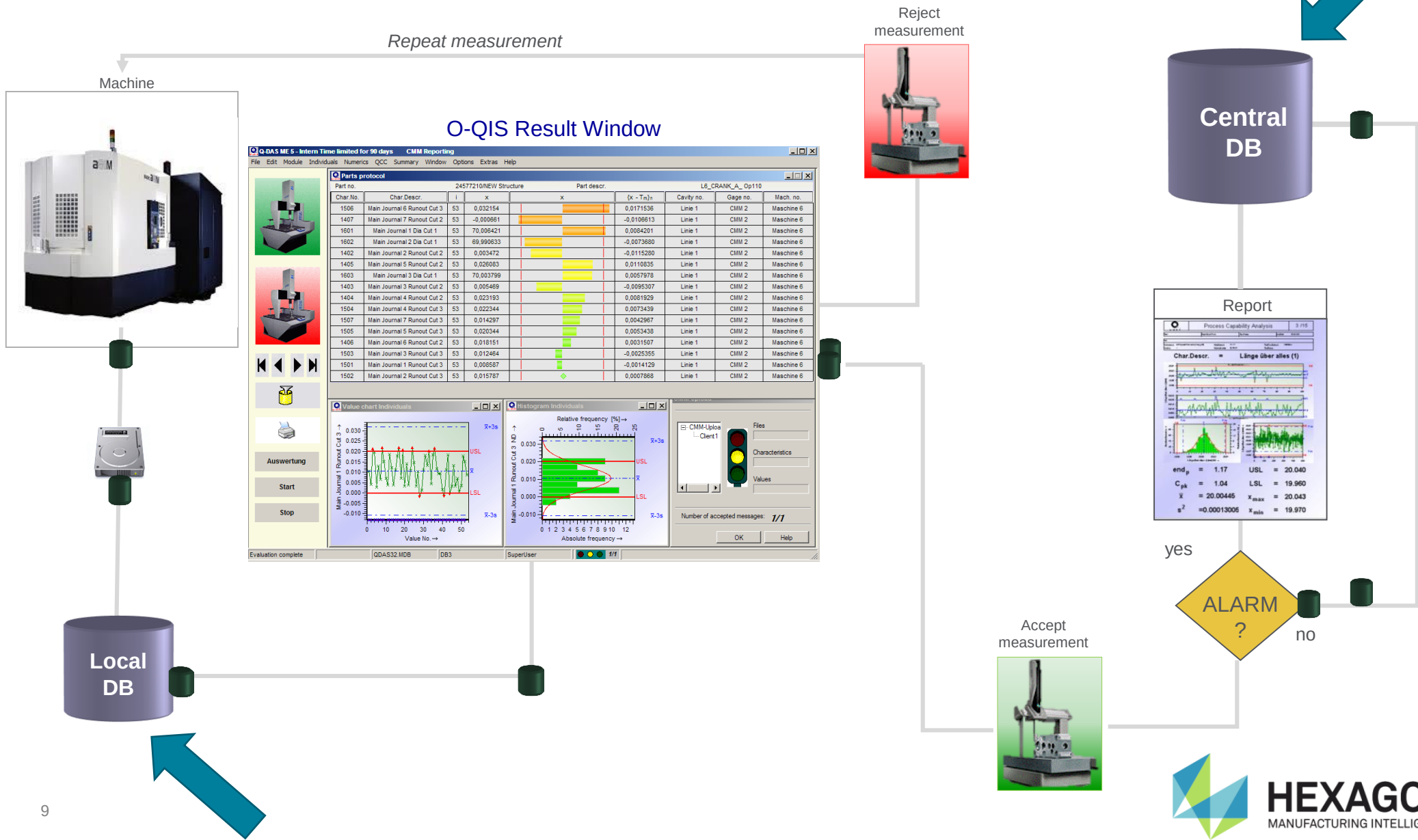
Positional tolerance view and its measured value view

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 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

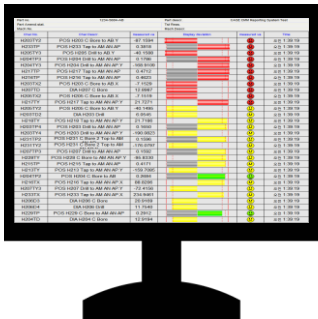
Below the table is a line graph showing the measurement value over time. The y-axis is labeled **Characteristic 7.1 (mm)** and ranges from 0.000 to 0.040. The x-axis shows time points from 17:28 AM to 17:29 AM. A red line represents the measurement, which is above the upper specification limit (USL) of 0.040. The graph also shows the upper control limit (UCL) and lower control limit (LCL).



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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