ELABORATION TIMES

3 mS — Time taken to acquire a frame, convert it into a point cloud and send it to the central elaboration computer

8 mS — Time taken to convert the point cloud into a solid 3D models where the system can automatically take measurements.

6 mS — Time taken to elaborate the final data and produce the required results

7 mS — Time taken for the user interface to update with the required results and informations

AIS CORE SYSTEMS

AISLOGIC bases all the systems on higly evoluted artificial intelligence solutions. Each software is natively born from deep neural networks solutions and higly integrated FPGA elaboration technology.

NOTHING IS INVISIBLE for the multi spectral Aislogic technology. The ACS patented technology allow to bring quality control to next level. The control process is no more based on images and pixel but on atom scaled dense 3D matrix. Each matrix allow to capture up to 1 bilion points for square microns.

CONTACT US

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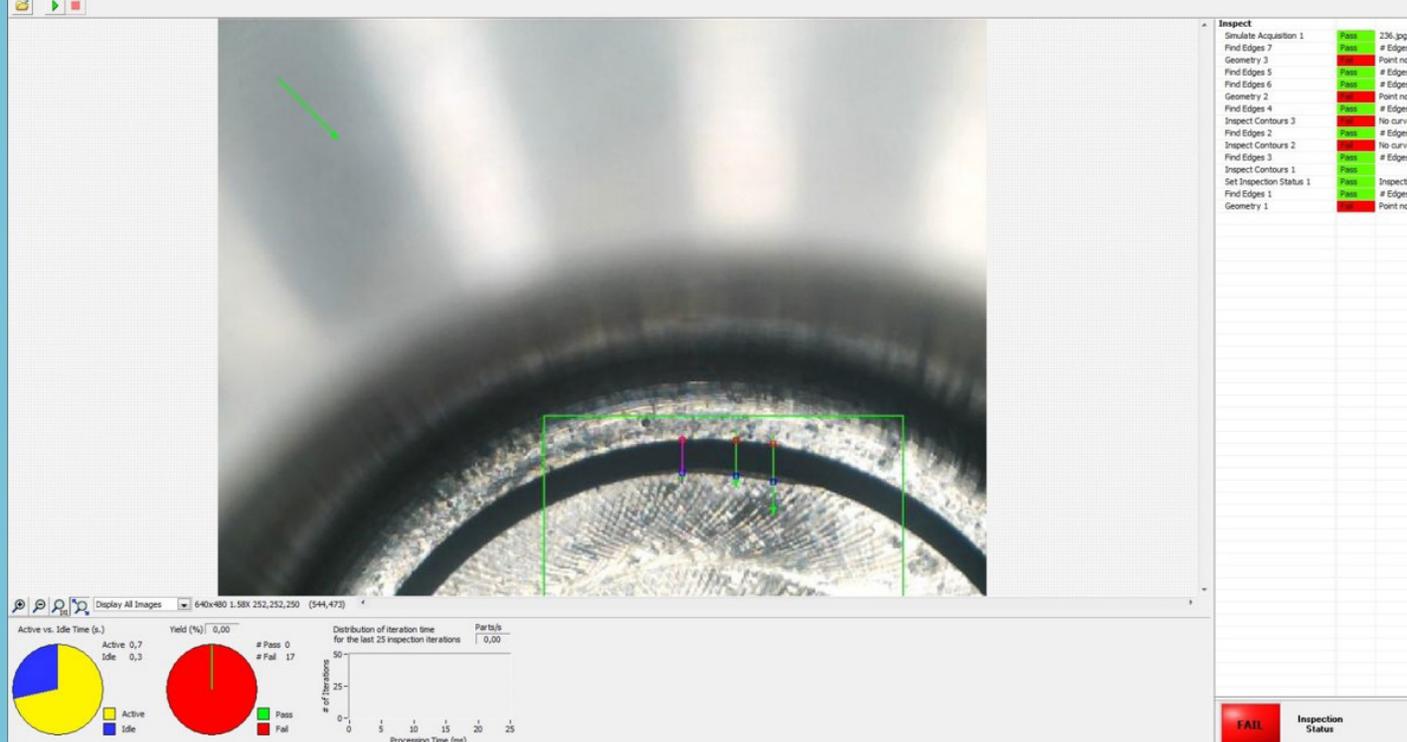Email: info@aislogic.com
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AISLOGIC
Artificial Intelligence and Softwares

AISLOGIC
QUALITY LINE

Integrated system for in-line quality ensurance controls and procedures.

Inspect
Simulate Acquisition 1 | Pass | 236.jpg
Find Edges 7 | Pass | # Edge
Geometry 3 | Fail | Point no
Find Edges 5 | Pass | # Edge
Find Edges 6 | Pass | # Edge
Geometry 2 | Fail | Point no
Find Edges 4 | Pass | # Edge
Inspect Contours 3 | Fail | No curv
Find Edges 2 | Pass | # Edge
Inspect Contours 2 | Fail | No curv
Find Edges 3 | Pass | # Edge
Inspect Contours 1 | Pass
Set Inspection Status 1 | Pass | Inspec
Find Edges 1 | Pass | # Edge
Geometry 1 | Fail | Point no

SOLUTIONS

SOFTWARE DEPLOY

AISLOGIC offers different kind of software deploy-ment solutions based on the customer needs and infrastructure.

Each solution is not time limited and bring to the customer full control of the system and 24/7 data acces possibility.

ON PREMISES SOLUTION

With the on premises solution the central computational hardware is based in the customer infrastructure.
Is care of the customer to mantain and pro-vide system accessibility.

ON CLOUD SOLUTION

On cloud solutions allow the customer to reach high standards computational power possibilities.
Each machine is deployed in the aislogic global datacenter networks.

HIBRID SOLUTIONS PROVIDE WORLD WIDE GSM COVERAGE

DATACENTER NETWORK

■ The datacenters network is composed by 40 regions that covers over 120 countries.

The datacenters computation power is a main core possibilities for Aislogic. Datacenters allow to produce fast and accurate high density simulation of product and processes. The virtualisation process allow fast deploy in different sides all around the world.

World Wide NEtwork Specifications

1 MIL58 security standard

2 TIER4 buildings security

3 24/7 operational time 365/365

4 Full data protection and no outsurcing.

//CONTROL STEPS

1 **SETUP :** Load a 2D draw of the object and automattically upload quotas and notes.

2 **CONTROL:** Add control steps for surface quality , porosity and rugosity.

3 **REPORT :** Production live reporting and data storing.

4 **PASS/NOT PASS :** Define compliant and not compliant production items.

Discover modern era computation possibilities. **Discover AISLOGIC software solutions and possibilities.**   // REQUIRE FULL CATALOG // info@aislogic.com