



VISION SYSTEM

MEASURING
machines



TWIST

LINEAR

Vision Solutions Work Flow

Software protected by



For all the functionalities and the possibilities check the
Software Overview of the systems



VISION SYSTEM

MEASURES - QUALITY ENSURANCE - DRS
Roughness - Defects - Brightness - Porosity - Color

AISLOGIC VISION SYSTEM *Is an integrated vision system for metrology or in-line quality control process*

USES Single or combine

Measures
DRS (Drive Robot System)
Quality ensurance

INSPECTED MATERIALS

Ferrous metals
Nonferrous metals
Polymeric materials
Plot or stratification materials

INSPECTED COLORS

Transparent
Reflective
Bright colors
Matt colors

Quality
AQS



Roughness



Measures



Scanner



Generation
3D



3D Hight
Resolution



Generation
CAD



DRS



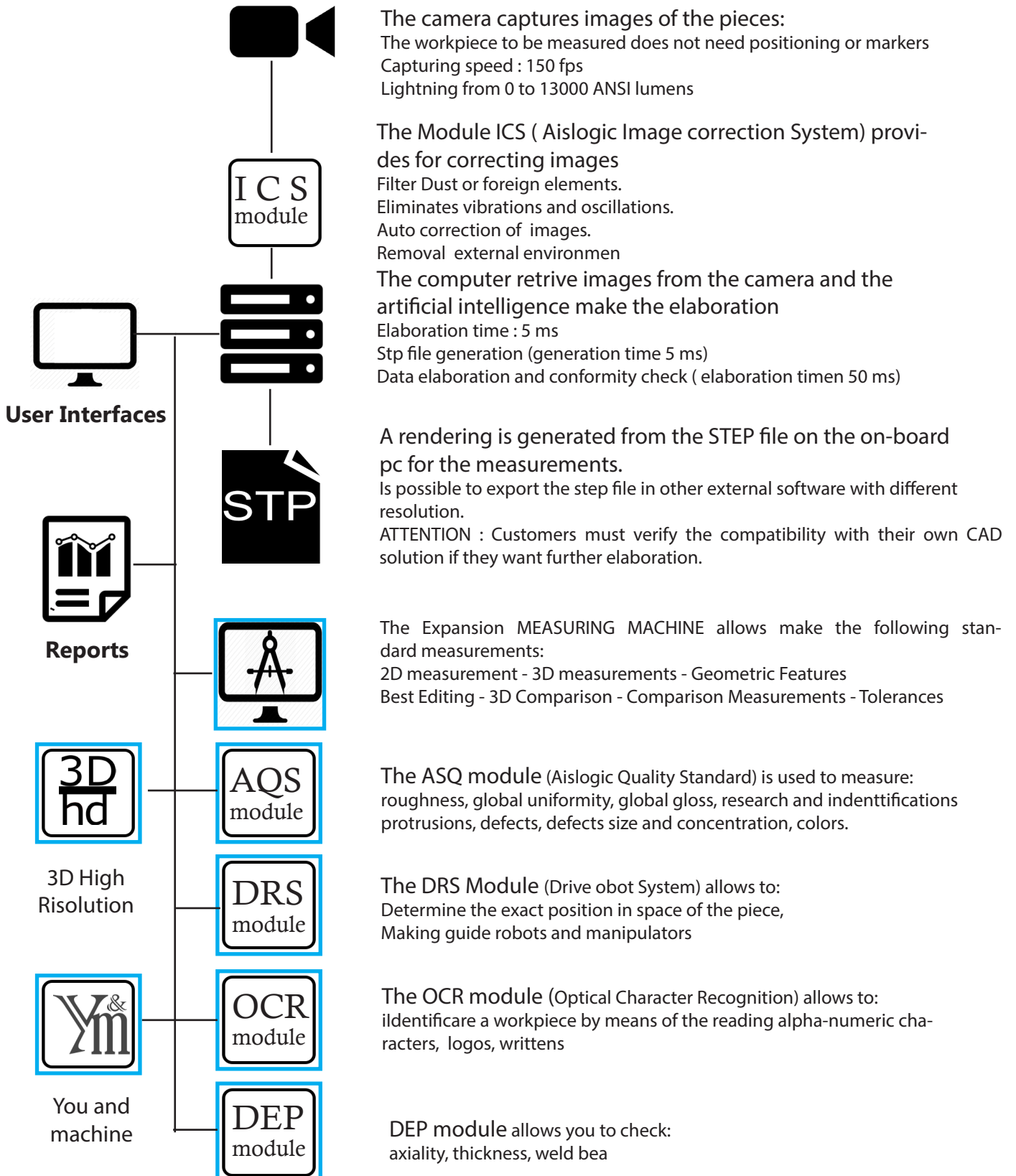
You and
Machine



Article
Identification



Work Flow Vision System





MEASURING machines

AISLOGIC VISION SYSTEM EXPANSION MODULE

METROLOGY - QUALITY ENSURANCE

Alligement - 2D Measures - 3D Measures - Comparations - Roughness

MEASURING MACHINE *Is a device optimized for metrology, quality ensurance and accurate reports. The system is not affected by lightin problem, no powder affected, no vibrations affected, no woobling affected. Sharp edge Detection*

USES Single or combine

Metrology
Roughness
Quality ensurance
3D generation

INSPECTED MATERIALS

Ferrous metals
Nonferrous metals
Polymeric materials
Plot or stratification materials

INSPECTED COLORS

Transparent
Reflective
Bright colors
Matt colors

*Quality
AQS*



Metrology



Rughness



Scanner



*Generation
3D*



*3D Hight
Definition*



*Generation-
CAD*



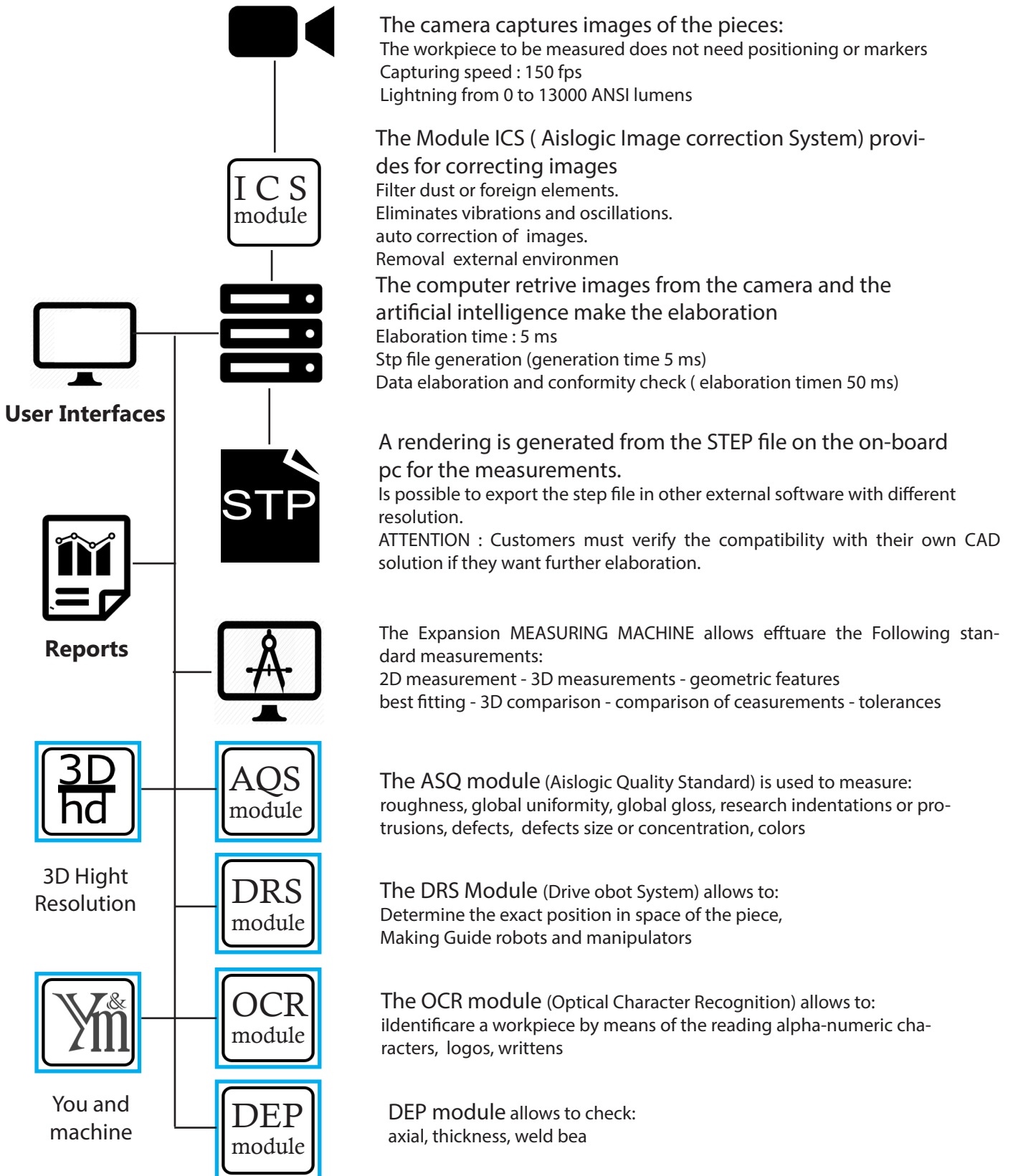
*You and
Machine*



*Article
Identification*



Work Flow Measuring Machine





TWIST

AISLOGIC VISION SYSTEM EXPANSION MODULE

IN - OUT CONTROL TUBULAR AND PROFILES BENDED

TWIST is an hardware module of Aislogic vision system optimized for bended pipes or profiles and in-out quality check

USES Single or combine

- Locate the defective chip IN- OUT of Items and mark its position.
- Analyze the uniformity of the pipes on the outside looking for possible defects.
- Analyze the alignment of holes and compliance with critical tolerances.
- Check thickness of the head.
- Analyze the corrugations
- Analyze the color of items
- Print the quality tab

INSPECTED MATERIALS

- Ferrous metals
- Nonferrous metals
- Polymeric materials
- Plot or stratification materials

INSPECTED COLORS

- Transparent
- Reflective
- Bright colors
- Matt colors

DIMENSIONS

- Minimum Internal Control
- Int diameter 8 mm
- Max lenght 1.000 mm

Quality
AQS



Inside
Inspection



Measures



Outside
Inspection



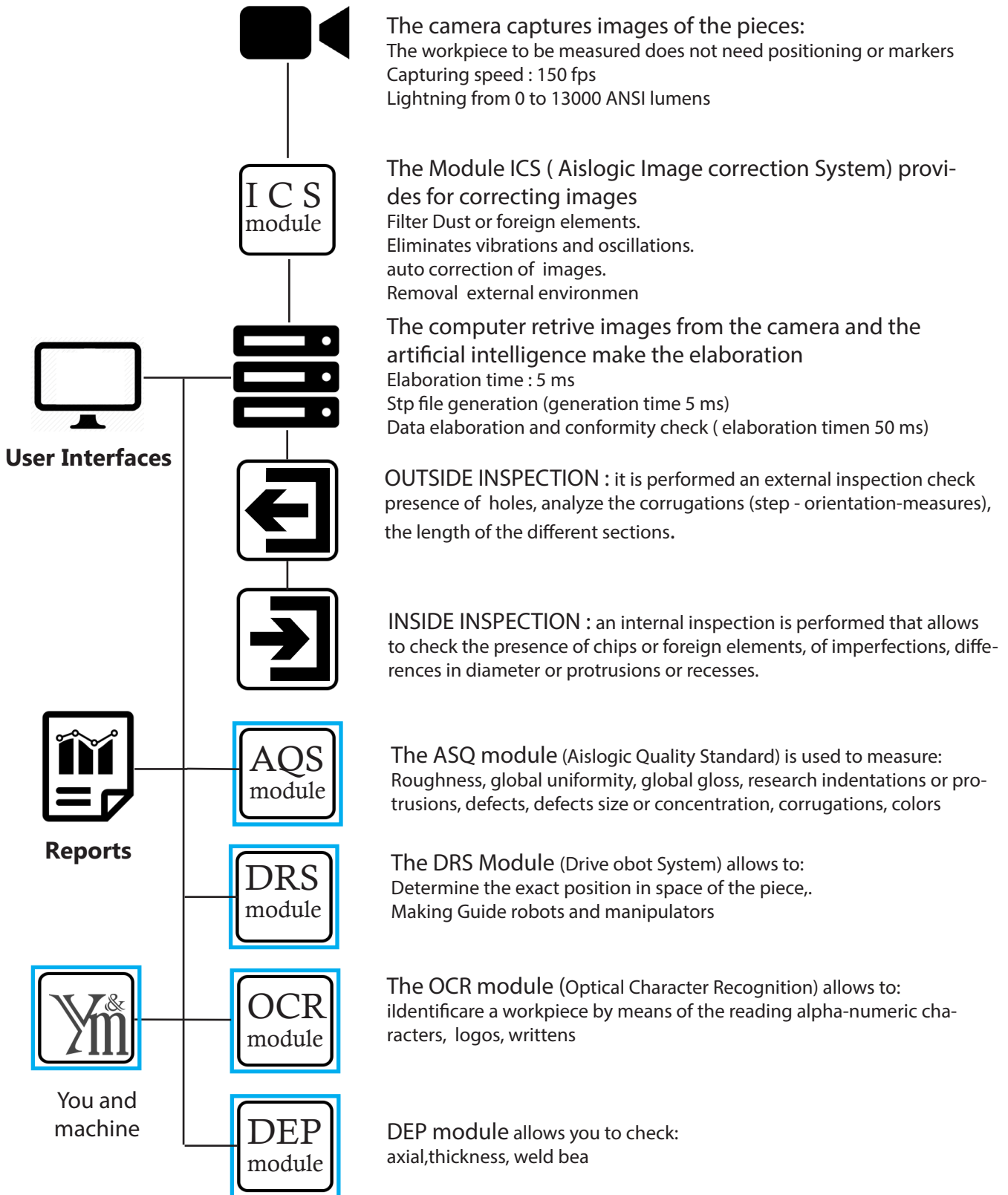
DRS



Article
Identifications



Work Flow Twist





LINEAR

AISLOGIC VISION SYSTEM EXPANSION MODULE

IN LINE CUT - COOLING - QUALITY ENSURANCE FOR LINAR PIPE AND PROFILES

LINEAR is an harware module for Aislogic vision system optimized for quality check of linear developed components like pipes, bars, profiles.

USES Single or combine

- Dry cooling
- In line dimensional control
- In line quality control
- Laser cut
- Report of production
- Report of quality
- Selection of not compliant items

INSPECTED MATERIALS

- Ferrous metals
- Nonferrous metals
- Polymeric materials
- Plot or stratification materials

INSPECTED COLORS

- Transparent
- Reflective
- Bright colors
- Matt colors

Quality
AQS



Inside
inspection



Measures



Article
identification



Dry
Colling



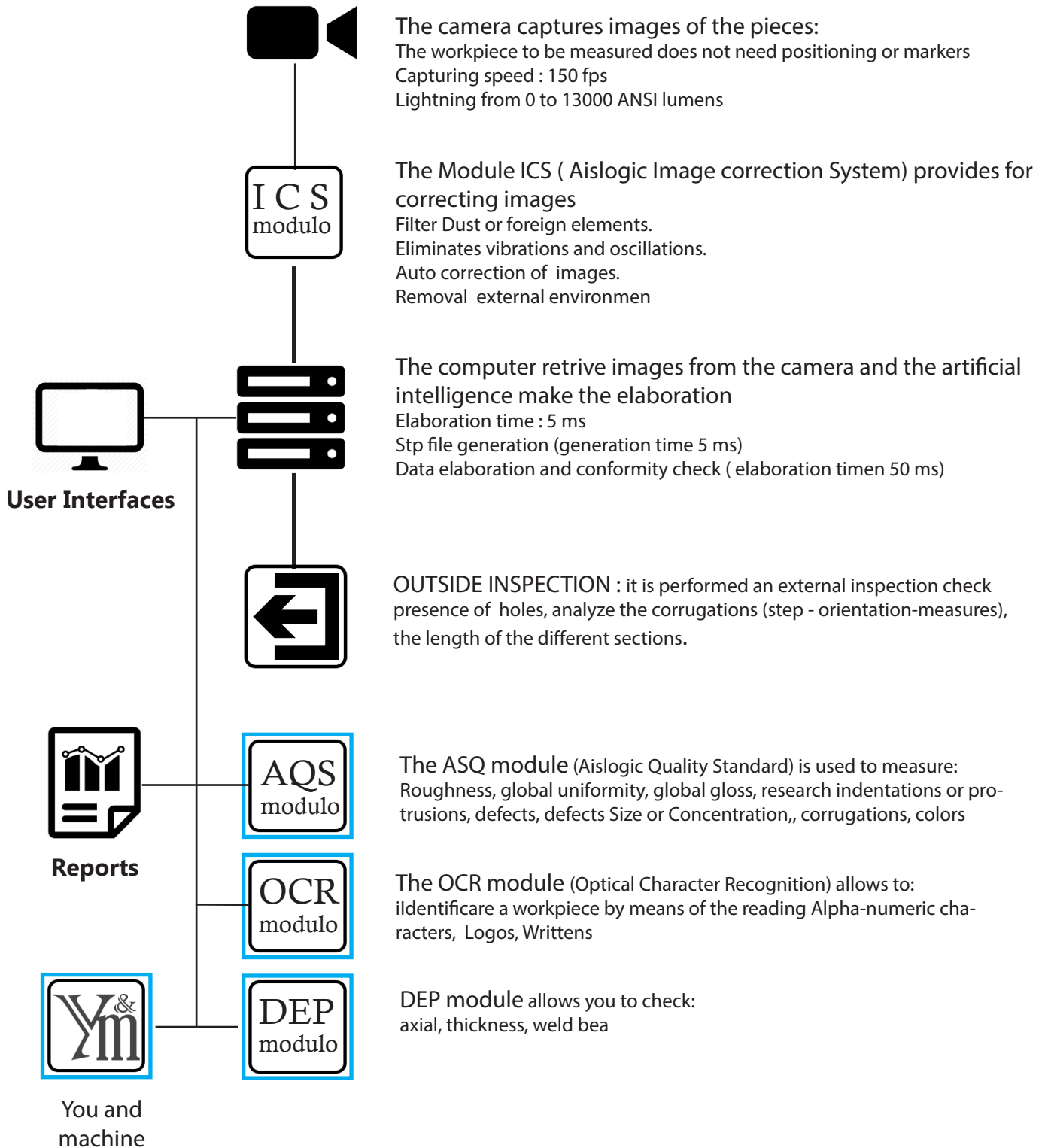
You and
Machine



Laser Cut



Work Flow Linear



Vision Solutions
W o r k F l o w

AISLOGIC

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