µCATI

Industrial software

C1

| Tolerance | Measurement type |

Min tolerance* :

434.920

Standard value * :

0.000

5%   10%   459.928   659 990

Lower limit* :   Upper lim

Calcul * :   DBE

Tools * :   Simu   Opéra

THE KEP TECHNOLOGIES ADVANTAGES

Our solutions incorporate three essential elements to ensure the best Industrial Control for Smart Industry - Smart Control, Measurement Versatility and Quality Results. We know that solutions providing these benefits will deliver the highest value to our customers.

SMART CONTROL
With various options for automation, statistical data analysis, feedback loops for manufacturing machines.

MEASUREMENT VERSATILITY
With one solution : multiple specifications controlled on one part and multiple types of parts can be controlled.

QUALITY RESULTS
High accuracy and high precision transducers to meet and surpass your control requirements.

In addition to our core product offer, we are able to provide customized solutions by harnessing the engineering and project management expertise of our highly skilled organization.

SMART CONTROL

MEASUREMENT VERSATILITY

QUALITY RESULTS

µCATI SOFTWARE

µCATI is Setsmart's software solution to enhance the dimensions and geometry controls of most METRIX lines products. It includes an easier than ever interface and enables control data tracking. Its statistical module provides information to analyze the performance of your manufacturing process, and its reporting module generates reliable and sophisticated reports.

EASY TO USE
µCati's user interface can be used by any operator and doesn't require any specific software skills.

POWERFUL
The administrator login enables the management of all the measurement parameters, and of the users' accounts.

CONTROLS TRACEABILITY
Thanks to data logging.

LARGE VARIETY OF DATA PROCESSING
From simple good / bad / uncertain information for quick decisions, to in-depth statistical analysis of measurement series.

INDUSTRIAL SOFTWARE

ADMIN AND USER RIGHTS
limited access to the operator and individual passwords to ensure security and traceability of actions.

**EASY ON-SITE CALIBRATION**

QUICK VISUALIZATION OF THE RESULTS

REPORTS
downloadable in PDF or csv formats. with advanced statistics of the measurements of all the controlled parts.

PROGRAMMING OF INSPECTION PROCEDURES
that can include various steps / measurements. Easy implementation of the procedures by the operators.

GENERAL FEATURES

- Availability of an administration login, and multiple users login.
- User account management possible via MS Windows Active Directory.
- µCATI can interface with multiple METRIX units, equipped with various tools (plugs, rings, etc).
- A calibration mode provides procedures for equipment calibration.
- Analog and digital input / output enables interfacing with other equipment. It can be used to dynamically correct the parameters of the manufacturing machines.

INDUSTRIAL SOFTWARE
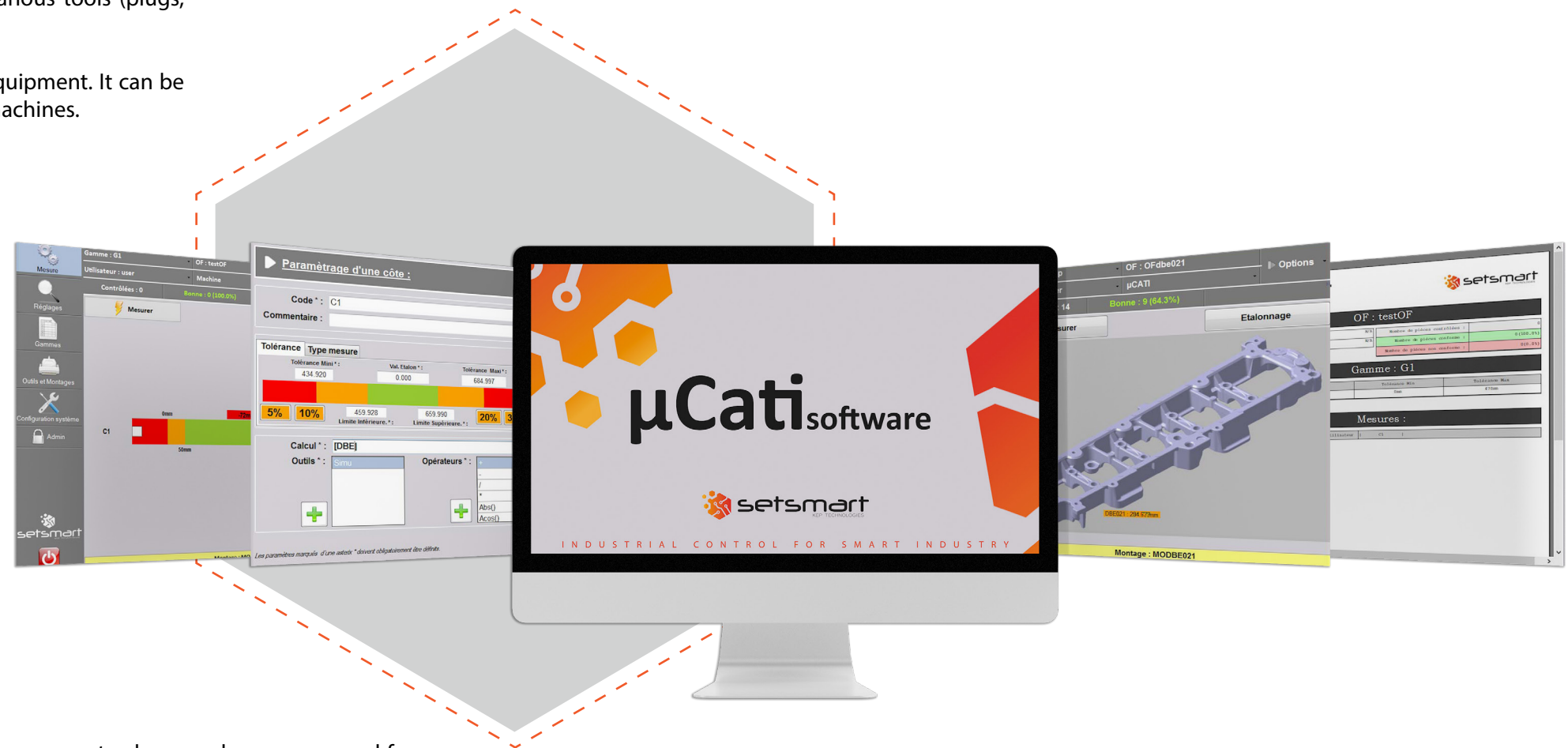

PROGRAMMING & MEASUREMENT

- The nominal value, tolerance interval, minimum and maximum measurement values can be programmed for each measurement series.
- The measured values can be displayed various ways, always with a simple color code to identify good, bad or uncertain parts:
    - real-time display of measured dimensions
    - overlay on a part's CAD view
    - production log displayed as line charts for measurement series.
- Display of customized warning messages based on results.
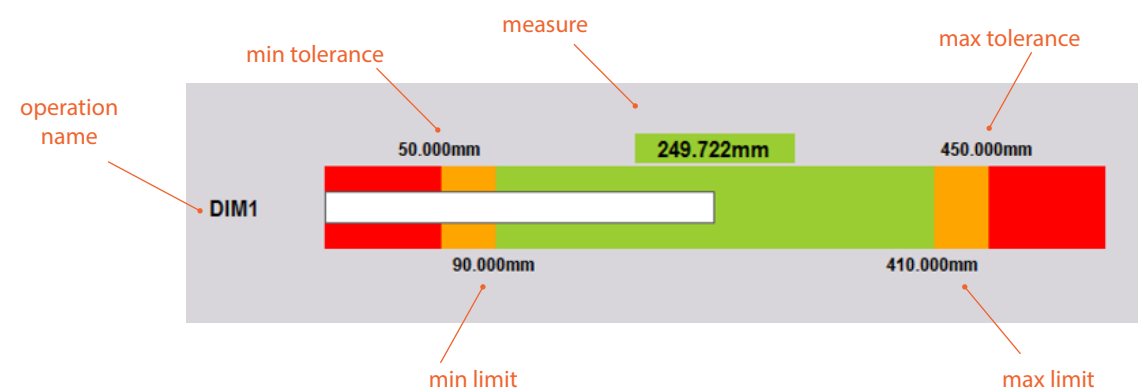
ANALYSIS & REPORTS

- Automated reports with list of measured data, statistics. Reports have customizable fields (title, user logo, etc).
- Data can be automatically processed using a combination of operations (difference, average, sum, multiplication, ratio, etc).
- A statistics module is provided, to follow-up and analyze the performance of the manufacturing process. It determines the process capability using the CNOMO and FORD methods.
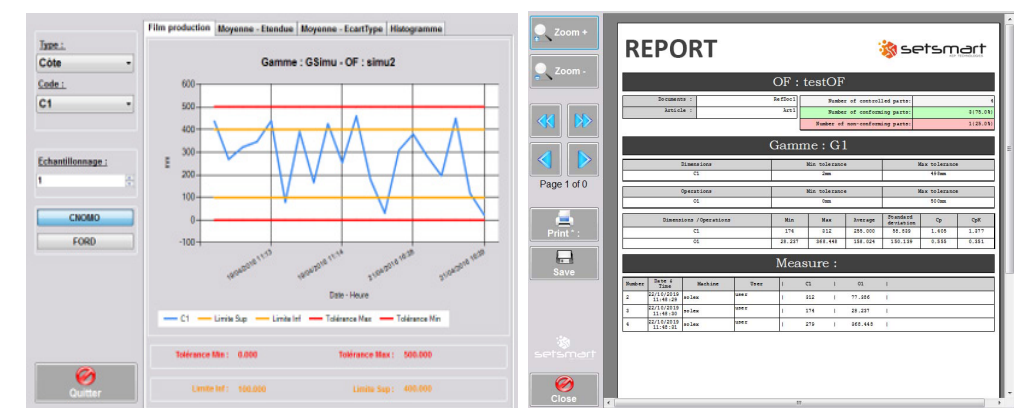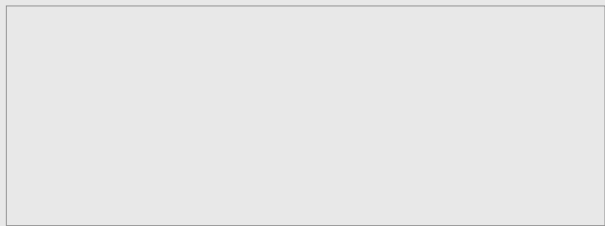
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