

READ_ME_FIRST.pdf

RELEASE_03

(07/03/2008)

Addressed to :

**CMMs research and development laboratories
National and International Metrology Institutes
Freelance individual experts in the CMMs field**

Dear CMMs customer ,

this is a short guide to our services at your disposal.

We hope that the obtainment of better results in the CMMs self-calibration topic could be useful for your business.

We are an Italian company working on software development and project management.

Lately we have set up a technical team with several years of research and development experience (more than 20) , in the field of in-line software correction of the CMMs geometry errors share which exhibits a deterministic and stationary behaviour.

Now , after several tests carried out in real and simulated situations , the results are ready to be delivered to trade.

In order to properly hit this target , we have opened a free software evaluation opportunity through our dedicated web site :

www.cmmselfcalibration.com

where you will easily find four executable programs , which we have supplied with a full documentation consisting of fifty pdf files , together with all the relevant input-output data-sets which currently refer to :

- 1) Five CMMs case studies coming from reality
- 2) Three CMMs case studies coming from simulation

Recall that you can freely download from the web site all the stored files , which currently set up the full **RELEASE_02** (28/02/2007) of our **EUKLID** software package.

This way you will be able to carry out some evaluation tests independently , because all the measurement input data-sets which refer to these eight situations are already provided with the currently required versions of the formatted input file :

"PASSWORD_02.DAT" .

We are sure that , following the supplied documentation , it will be easy for you to acquire familiarity with the use of our **EUKLID** software package , and also to properly appreciate the quality of the obtained geometrical precision targets.

Instead , if you want to use the **RELEASE_02** of our **EUKLID** software package in a quite general way , that is to say in situations which are different from the eight we have freely supplied for self-training purposes , it is necessary that you register your personal data on our web site :

www.cmmselfcalibration.com

so that we will be able to send you the version of the formatted input file "**PASSWORD_02.DAT**" , tailored to your current specific measurement input data-sets.

The formatted input file "**PASSWORD_02.DAT**" is not needed to run the brief initial data processing step , we have called :



FILTERING_OUTLIERS_STEP

but it is required in order to successfully run the **FIRST_STEP** , and also the **SECOND_STEP** when appropriate , of the parameters identification numerical procedure , which is implemented by the **RELEASE_02 (28/10/2006)** of the executable program **EUKLID.exe** , which currently has a size of **1.679.360** bytes.

Moreover , after registration , we will be able to supply you with a full on-line service , by means of our **Technical Support** .

We propose a very simple software evaluation strategy , which involves two different lines of service :

A) For Government Research Institutes , and more generally public corporations , we will provide 20 free of charge versions of the formatted input file "PASSWORD_02.DAT" , per year.

This facility is unrestricted in place and moreover unlimited in time.

B) For all other private customers , regularly registered on our web site :

www.cmmselfcalibration.com

we will provide 2 free of charge versions of the formatted input file "PASSWORD_02.DAT" tailored to their specific measurement input data-sets , so that every end-user will be able to further evaluate the RELEASE_02 of our EUKLID software package in strict connection with his (her) CMMs , which can be placed in mixed working environments , having some not easily predictable influence on the overall behaviour of machines.

Any subsequent version of the formatted input file "PASSWORD_02.DAT" will be delivered only for a fee , on express request from our satisfied customers.

This will be easily handled by means of the dynamic service managed with the communication protocols of our web site.

With the RELEASE_02 of our EUKLID software package , we can provide your CMMs with an in-line software correction of non-random and stationary geometry errors , that we are sure you have never tried before , by means of an easy and efficient numerical procedure we hope you'll like for its intrinsic geometrical precision properties , not reachable in any other way to the best of our current knowledge.

The hardware and software environment which is required in order to successfully run all the executable programs of the **RELEASE_02** of our **EUKLID** software package , is the following :

- 1) CPU : INTEL PENTIUM IV (or fully compatible)
- 2) OS : MICROSOFT WINDOWS_XP professional edition (32 bit version)

We strongly recommend you to set up on your hosting system (computer) a root-directory named :


CMM_SELF_CALIBRATION_RELEASE_02

Subsequently you must store inside this root-directory the full set of files downloaded from our web site.

It may be that this root-directory is automatically set up in read-only mode in its properties folder.

In order to be able to run all the executable programs of our package , properly avoiding start up input-output errors in run-time , you must change the properties of the root-directory , by right clicking your mouse over the icon of the folder , and then un-selecting the read-only check box on the dialog box , moreover confirming the application of all the changes to all the sub-directories contained in the sub-levels of the root-directory :

CMM_SELF_CALIBRATION_RELEASE_02



Now your hosting system should be ready to properly run all the executable programs contained inside the **RELEASE_02** of our **EUKLID** software package , in connection with the measurement input data-sets which are currently supplied there for self-training purposes.

Our Customer Care Service on the web site www.cmmselfcalibration.com is at your disposal for any information you need about this activity.

Kind regards



Sinergie s.r.l.

www.cmmselfcalibration.com

LEGAL STATEMENTS AND PRIVACY INFORMATION**Use of Software**

All the executable programs , the input-output files , and the pdf documents downloadable from our web site :

www.cmmselfcalibration.com

set up the currently available full RELEASE_02 (28/02/2007) of our EUKLID software package , and they are under the copyright of Sinergie s.r.l. .

The use of our EUKLID software package is governed by the terms of the employment agreement , which will be sent to each customer during the on-line registration procedure.

The acceptance of these terms will authorize the customer to use our EUKLID software package in a quite general way , that is in connection with measurement input data-sets different from those we have freely supplied for self-training purposes.

If you do not agree on these terms , you are authorized to use our EUKLID software package only in a restricted way , that is only in connection with the eight case studies we have in-depth explained for self-teaching aims.

Of course , these case studies not only are always freely analysable by our customers , without any kind of constraint , but we actually strongly encourage everybody to do so.

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