This document in German

ia.cmm at CONTROL 2005

Sinsheim (Germany) - April 26th ÷ 29th, 2005

Hall 1 – Stand 1518

ia.cmm Member Companies demonstrating Dimensional Metrology Interoperability through I++/DME.
In sponsorship with **AIAG** (Automotive Industry Action Group - USA) and **NIST** National Institute of Standards and Technology - USA).

ia.cmm, **i**nternational **a**ssociation of **c**o-ordinate **m**easuring **m**achine Manufacturers will be present, with their own stand, at CONTROL 2005 show where five of the Member Companies:

- Hexagon Metrology SpA (Italy)
- Renishaw plc (UK)
- Trimek metrological engineering (Spain)
- Wenzel Präzision GmbH (Germany)
- Carl Zeiss Industrielle Messtechnik GmbH (Germany)

will demonstrate I++/DME interoperability by running their equipment indifferently with one of the following Software:

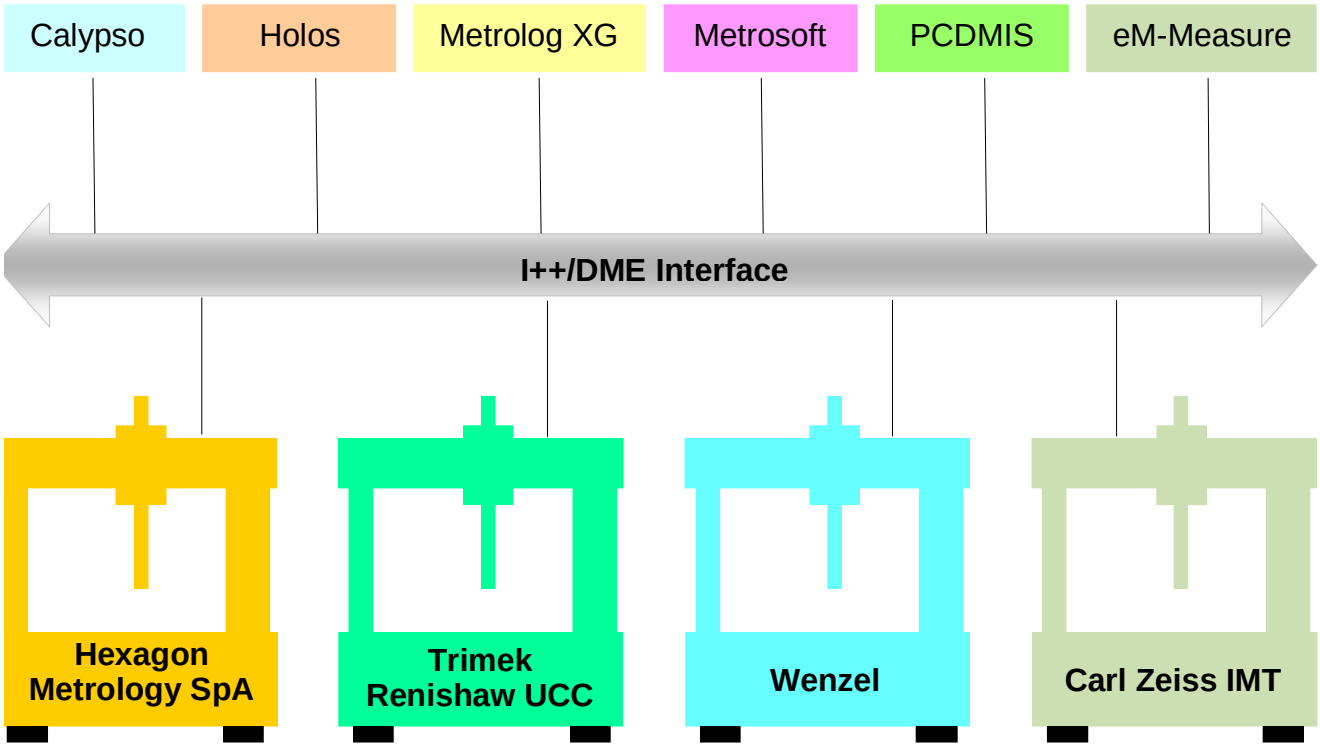
1. Calypso
2. Holos
3. Metrolog XG
4. Metrosoft CM
5. PCDMIS
6. eM-Measure (Tecnomatix)

I++/DME is an initiative founded by Audi, BMW, DaimlerChrysler, Volkswagen and Volvo with the objective of increasing efficiency, reducing manufacturing times and costs by reaching the interoperability of software and hardware components utilised in automated Dimensional Inspection.
I++/DME is an interface that allows to run a dimensional inspection part program on different co-ordinate measuring machines, independently from the brand, provided that this standard is supported by the specific CMM.

Interoperability in co-ordinate measuring technology has these benefits:

- Improve the efficiency of the measuring machines making them all available to run a part program at any time regardless of where the part program itself was first originated.
- Remarkably reduce programming training costs; improve programming skills by concentrating on a single subject.
- Eliminate expensive and complex “translations” of inspection part programs
- Reduce maintenance costs.
- Increase the flexibility of use, in time and site, of the available co-ordinate measuring machines.
- Reduce the overall manufacturing costs.

ia.cmm Member Companies, AIAG and NIST are proud to show, with practical demonstrations, the progress which has been made in this advanced, ambitious program.



a.cmm, International Association of Co-ordinate Measuring Machine Manufacturers have the purpose of supporting and promoting the interests of the world-wide industry of coordinate measuring machines technologies. They sponsor the I++/DME Team, which develops and maintains the I++DME Specification.
AIAG Metrology Interoperability Project Team consists of Users and Vendors, working together to achieve interoperability of software and hardware in automated metrology, in order to reduce product development cycle time and reduce manufacturing costs.
NIST advises, supports, and performs tasks for this standards effort. They develop tests for verifying compliance of implementations to each standard (NIST's current activity has focused on the I++DME and DML standards). They maintain a metrology interoperability testbed at NIST in Gaithersburg, MD, that is actually part of a distributed testbed with active participants worldwide.

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