

# EAGLE™ Retrofit

Breathing new life into your CMM



 pantec

# EAGLE™ RETROFIT

## MAKE YOUR MEASUREMENT BUSINESS FIT FOR THE FUTURE

Many CMM's in the market are equipped with old technology, but mechanically in excellent shape. Extend the lifetime of these machines by upgrading:

- Increase the measurement capability (e.g. with scanning, optical sensors, ...)
- Use the latest CMM softwares for faster programming, better analysis and reporting tools
- Migrate all your CMM's to your preferred software
- Get a faster throughput of measurement jobs by utilizing the new motion control performance of EAGLE™
- Minimize service costs using up to date technology

### A worldwide retrofitter network for top service

Pantec Metrology intensively cooperates with an international network of retrofit specialists to have highly skilled engineers in the market for a quick machine conversion and a fast responding service to keep the machine uptime at a high level.

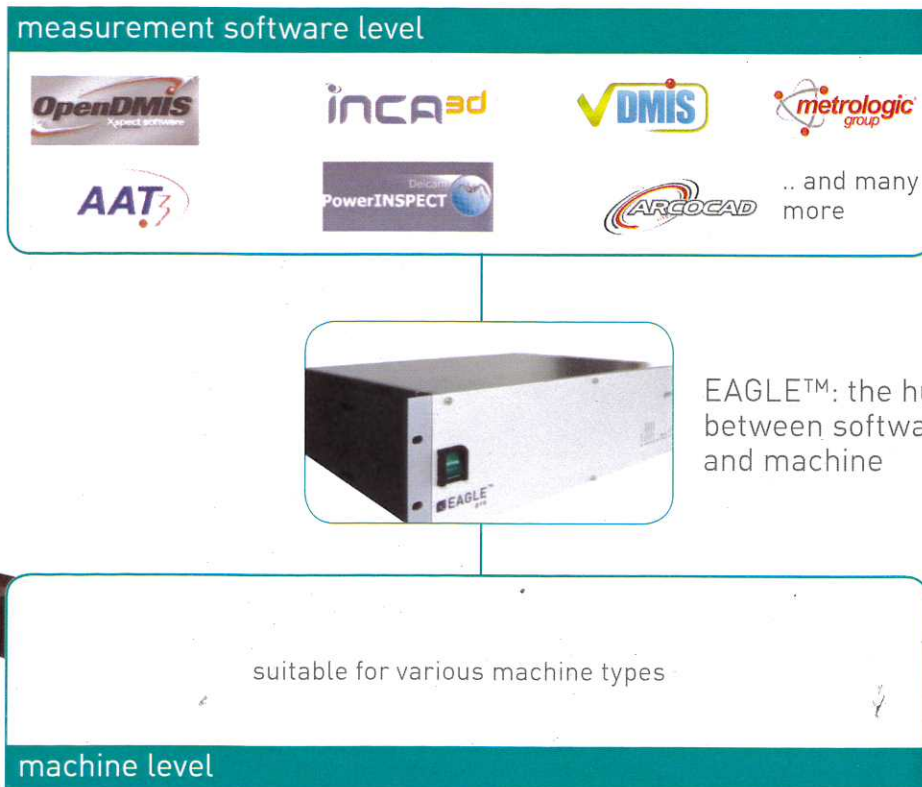
„Whatever brand or type of CMM: whenever the business case is profitable, an upgrade can be done with EAGLE™“



# REACH A NEW LEVEL OF MACHINE INTEGRATION. CONTROL DIFFERENT MACHINE TYPES AND BRANDS WITH YOUR PREFERRED SOFTWARE.

EAGLE™ is an open controller system towards measurement softwares as well as to the machine. Pantec Metrology cooperates with most of the measurement software vendors to have a direct interface between Software and Controller. This guarantees highest communication performance which results in an excellent machine performance. On the machine side EAGLE™ is ranging from small and medium sized CMM's up to big gantry machines with dual drive. So EAGLE™ is the ultimate hub to migrate different types of CMM's to your preferred Metrology Softwares.

„EAGLE™ is the ultimate hub to connect CMM's of different brands to your preferred measurement software“



## Alphabetic list of compatible measurement softwares

- |               |                     |                |
|---------------|---------------------|----------------|
| - ACDMIS      | - Metrosoft CM      | - RationalDMIS |
| - ARCOCAD     | - Metrosoft Quartis | - Tangram      |
| - CAPPs       | - OpenDMIS          | - T Gear XY    |
| - CMM Manager | - PC-DMIS           | - VDMIS        |
| - DesCAD3D    | - PowerINSPECT      |                |
| - Inca3D      | - PointMaster V5    |                |
| - Metrolog    | - Quindos6          |                |

# EAGLE™: UNIQUE CMM HUB PACKED WITH PERFORMANCE DRIVING TECHNOLOGY

15 years CMM experience, precise response on market requirements and packed with new technology: EAGLE™ is raising the bar for CMM upgrades to a new standard. Latest Motion Control Technology guarantees high machine throughput by faster axis travelling and powerful scanning of known and unknown contours with a high rate of points. EAGLE™ furthermore supports the Renishaw® motorized probe head as well as their scanning probes SP25/600 and SP80. With its accurate digital temperature sensor system T-BUS™ the EAGLE™ controller delivers the basement for shop floor use of CMM's.



Fast direct drivers to a wide range of CMM softwares



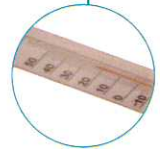
Interface for Renishaw® and TESA-STAR Touch and Scan Probes + High Speed Scanning up to 2000 point/s



Control of PH10, PHS1 Heads



Ergonomic and functional hand control terminal

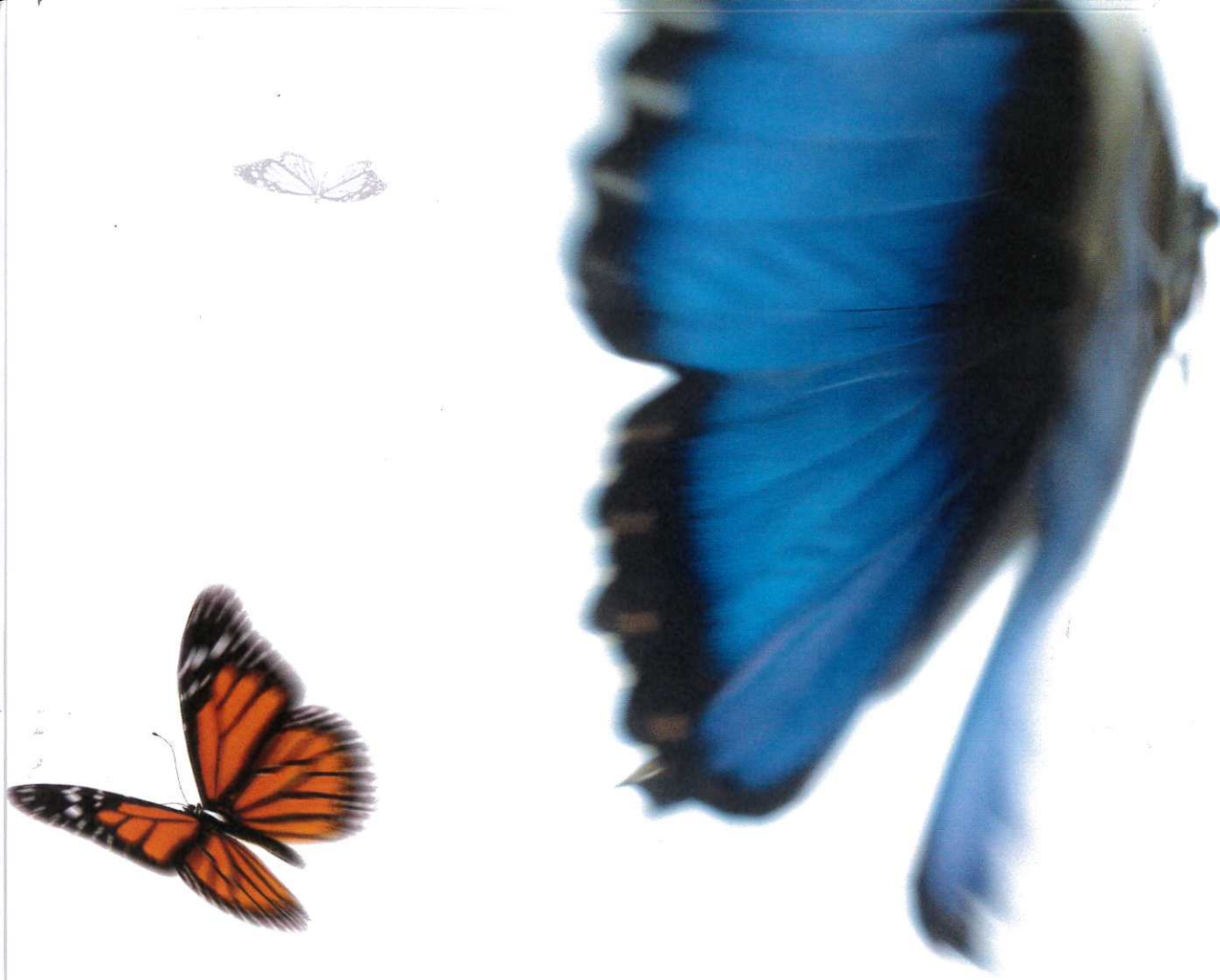


Machine and workpiece temperature compensation with T-BUS™ e.g. for shop floor applications

## FAST ON-SITE MACHINE CONVERSION

Based on a comprehensive knowledge of CMM upgrades, Pantec Metrology provides an individual conversion set for most of the common CMM's in the market (including adapter sockets, parameter files etc.), enabling a fast machine upgrade on site.





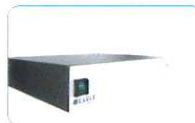
# EAGLE™ - BOOST YOUR CMM'S PERFORMANCE

The Pantec Metrology product family EAGLE™ stands for accuracy, performance and dynamics - like the eponym bird, known for it's highly precise eyes, high dynamic movement and high performance in hunting, who is giving it's name to this leading CMM-product series.

## ABOUT PANTEC METROLOGY

The Business Unit Metrology of Pantec Engineering, located in Ruggell, Liechtenstein, is focused on technologies making CMM and Multisensor machines more competitive. With an installed base of more than 7000 CMM Controllers worldwide the company is playing a leading role in the field of CMM machine control.

## MEMBERS OF THE EAGLE™ FAMILY



### EAGLE™ BASIC

3 axis controller for standard CMM's



### EAGLE™ PRO

4 axis controller for high end CMM's



### EAGLE™ PAD & EAGLE™ PAD-wl (wireless)

Ergonomic and functional handhelds