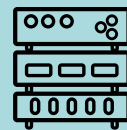# GAGEPOD

DATA ACQUISITION INTERFACE SYSTEM

Interface Boxes for Data Acquisition

GagePod™ is a modular, distributed data acquisition and signal conditioning system, designed for simple manual gauging up to fully automatic measurement and inspection applications. Its modular design provides all the functionality you need, only when you need it, as part of an easy-to-customize "building block" system.

It connects to any Marposs **E9066™** industrial computer or commercial PC running Marposs **Quick SPC™** Statistical and Quality Control software suite.

GAGEPOD
GP-16 DAQ

connects up to 16 Marposs standard full-bridge (LVDT), half-bridge (HBT) sensors, Marposs Digicrown™ probes and TESA compatible probes. Any number of sensors can be managed contemporarily.

GAGEPOD
GP-16 I/O

manages 16 opto-insulated, 24Vdc digital input/output signals. A 32 I/O version is also available. Any number of digital input/outputs can be managed contemporarily.

GAGEPOD
GP-9 E

connects up to 9 incremental transducers such as linear probes, linear or rotary encoders, providing a synchronization input/output signal for external devices. Any number of encoders can be managed contemporarily.

GAGEPOD
GP-4M8

DC motor controller with integrated DAQ (4 channels) and 8 digital I/O.
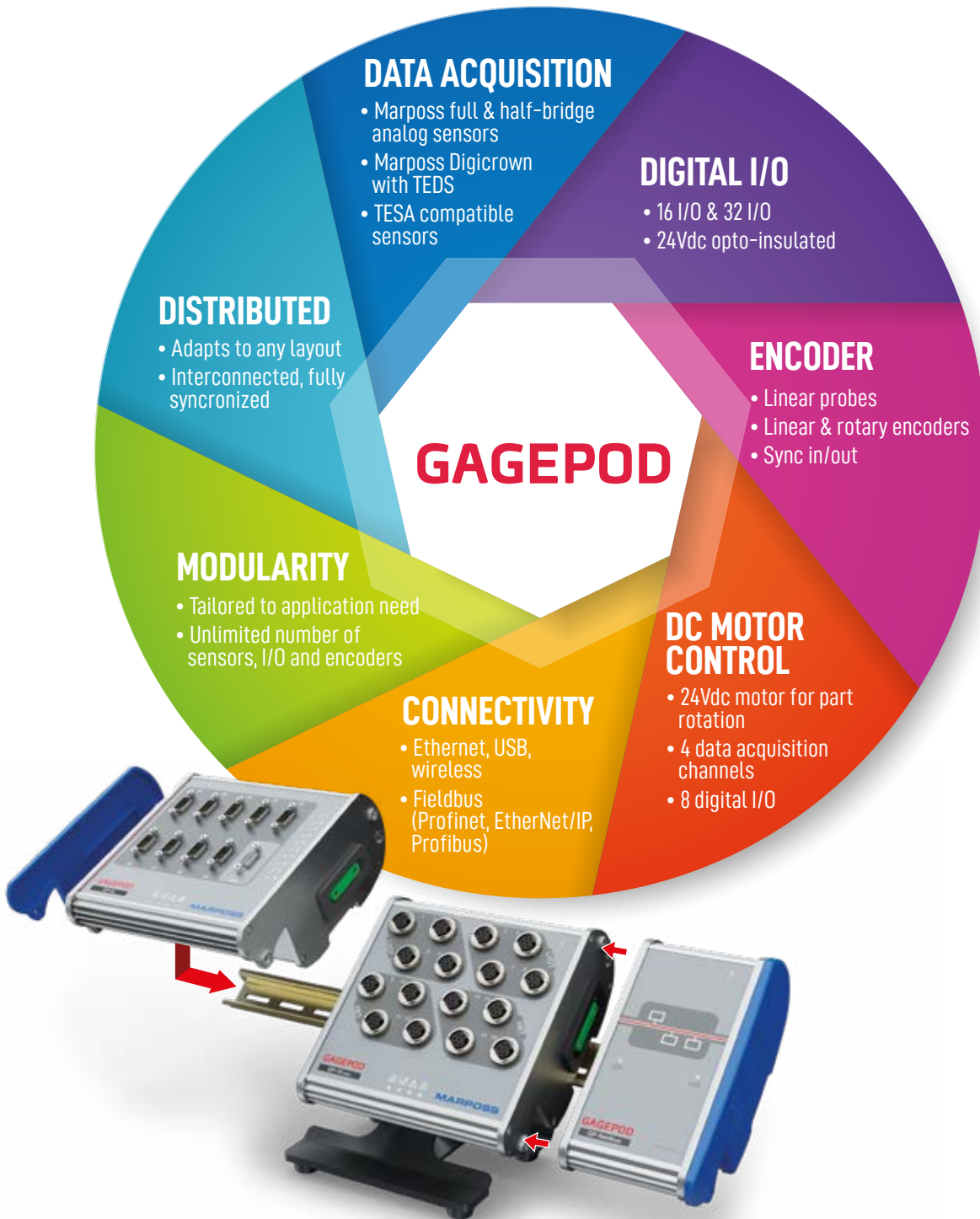
GAGEPOD
GP-fieldbus

Industrial fieldbus module supporting Profibus®, Profinet® and Ethernet/IP™ protocols.

Product **features**

The GagePod system offers highly scalable and flexible solutions with unmatched performance when bundled with any **E9066** industrial computer and **Quick SPC** measurement & SPC software suite. It can be deployed as a **distributed system** by separating its modules, ultimately adopting its layout to your own workspace, whether it be a new application or an upgrade from previous technologies.

DATA ACQUISITION
- Marposs full & half-bridge analog sensors
- Marposs Digicrown with TEDS
- TESA compatible sensors

DIGITAL I/O
- 16 I/O & 32 I/O
- 24Vdc opto-insulated

DISTRIBUTED
- Adapts to any layout
- Interconnected, fully syncronized

ENCODER
- Linear probes
- Linear & rotary encoders
- Sync in/out

MODULARITY
- Tailored to application need
- Unlimited number of sensors, I/O and encoders

DC MOTOR CONTROL
- 24Vdc motor for part rotation
- 4 data acquisition channels
- 8 digital I/O

CONNECTIVITY
- Ethernet, USB, wireless
- Fieldbus (Profinet, EtherNet/IP, Profibus)

GAGEPOD

Displacement Sensors

Bore Gauges

Forks and Ring Gauges

Bench Gauges

Indicators and Electronic Display Units

Interface Boxes for Data Acquisition

Software

Displacement Sensors

Bore Gauges

Forks and Ring Gauges

Bench Gauges

Indicators and Electronic Display Units

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Interface Boxes for Data Acquisition

Software

Application **examples**

GAGEPOD & E9066E-bb

Manual gauging in custom housing

GAGEPOD & E9066T

M63 brake disc inspection

GAGEPOD & E9066E

QUICKSET gauging station for shafts