



Q-CNV

Automatic data converter



Automatic Converter

Q-CNV - Automatic data converter

- Connect automated and coordinate measuring machines
- Make a standard from different data type and source
- Essential in data collection projects
- Q-QIS package compliant
- Scalable and modular

Introduction

When a measurement system is not able to provide directly data conforming to Q-DAS ASCII Transfer Format E-PD 04 E specifications, it is possible to use the conversion software package that, loading the source ASCII files or database made by the measurement system, is able to transform automatically, from one or more source directories, the data in the Q-DAS format. Q-DAS has developed many different conversion modules which are able to take data from the most famous brand name of CMM machines and measurement systems manufacturers as Carl Zeiss, DEA, Coord 3, Poli, Hommel Werke, Vici Visione, Perceptron, Cim-Core, Marposs, Mitutoyo, Mycrona, OGP, PAG, Taylor-Hobson, Speroni VIR, etc. The converter is automatic and, after each measurement cycle, it is able to take data providing ASCII QDAS file without any interaction from the operator. The package is suitable for use as well in Converted data can be loaded in a central Microsoft ACCESS, Microsoft SQL or Oracle database.





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C|A|M|E|R|A Concept

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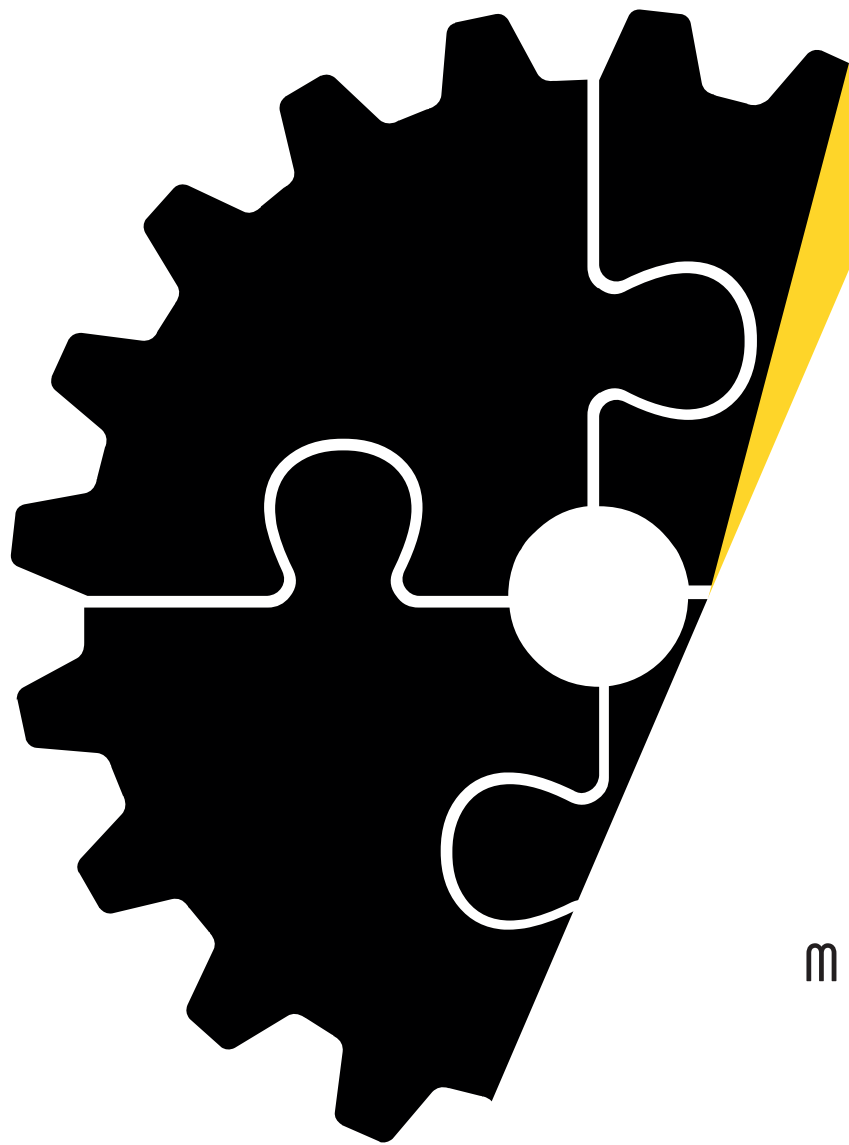
The converter internally architecture has been designed to be modular. More than one conversion instance for different format can be scheduled and can work in parallel. 

The continuous polling of the source directory/ies provides to the converter the signal if a new measurement has been done. After the conversion the original file should be moved to the backup directory and deleted from the original one. Activating special support to Upload or Reporting System the converter starts internally synchronisation providing the file when the other system can process the new one. 

The converter can be also used in the C.A.M.E.R.A. project because standardizes the different measurement systems output formats in one. This solution avoids that the quality insurance department or the process engineers have to lose time to collect all different data formats having results on the process in real time well organized in the Q-DAS central database. 

Combined to O-QIS and/or M-QIS (Reporting System) allows the operator to see the results immediately focusing his attention on the process. It is possible to add manually additional data linked directly to the Q-DAS catalog or activate filters to convert only certain part numbers. There is also the possibility to send data directly to O-QIS adding events in case of statistical alarms 

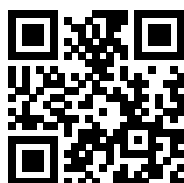




QUALITY
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