

## Important uses

With our products we support your:

- Quality test planning and initial sampling
- Initial part release in production areas or measuring rooms
- Incoming goods inspection with mobile devices
- SPC – Statistical process control

Partnerships with more than 20 CAQ, MES, ERP, system houses.

More than 5,000 users from the sectors:

- Automotive industry
- Machinery and plant engineering
- Medical engineering and pharma industry
- Aerospace
- Security technology
- Electrical engineering



### *infra* **CONVERT**

Drawing-based  
quality test planning

1A



### *blue* **DAT** *infra* **DAT**

Wireless measurement  
data transmission

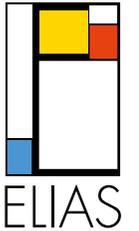


### *mdm* **TOOL**

Measurement  
data management



**FOR 25 YEARS**  
SOLUTIONS FOR  
QUALITY ASSURANCE

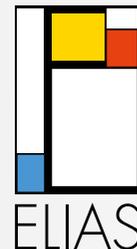


*infra* **CONVERT**

## Drawing-based quality test planning



More information  
can be found in our  
product documentation  
at [wiki.elias-gmbh.de](http://wiki.elias-gmbh.de)



### **ELIAS GmbH**

Emscher-Lippe institute  
for automation technology  
and quality assurance

Westring 303 · 44629 Herne · Germany  
+49 2323 95900-01 · [www.elias-gmbh.de](http://www.elias-gmbh.de)

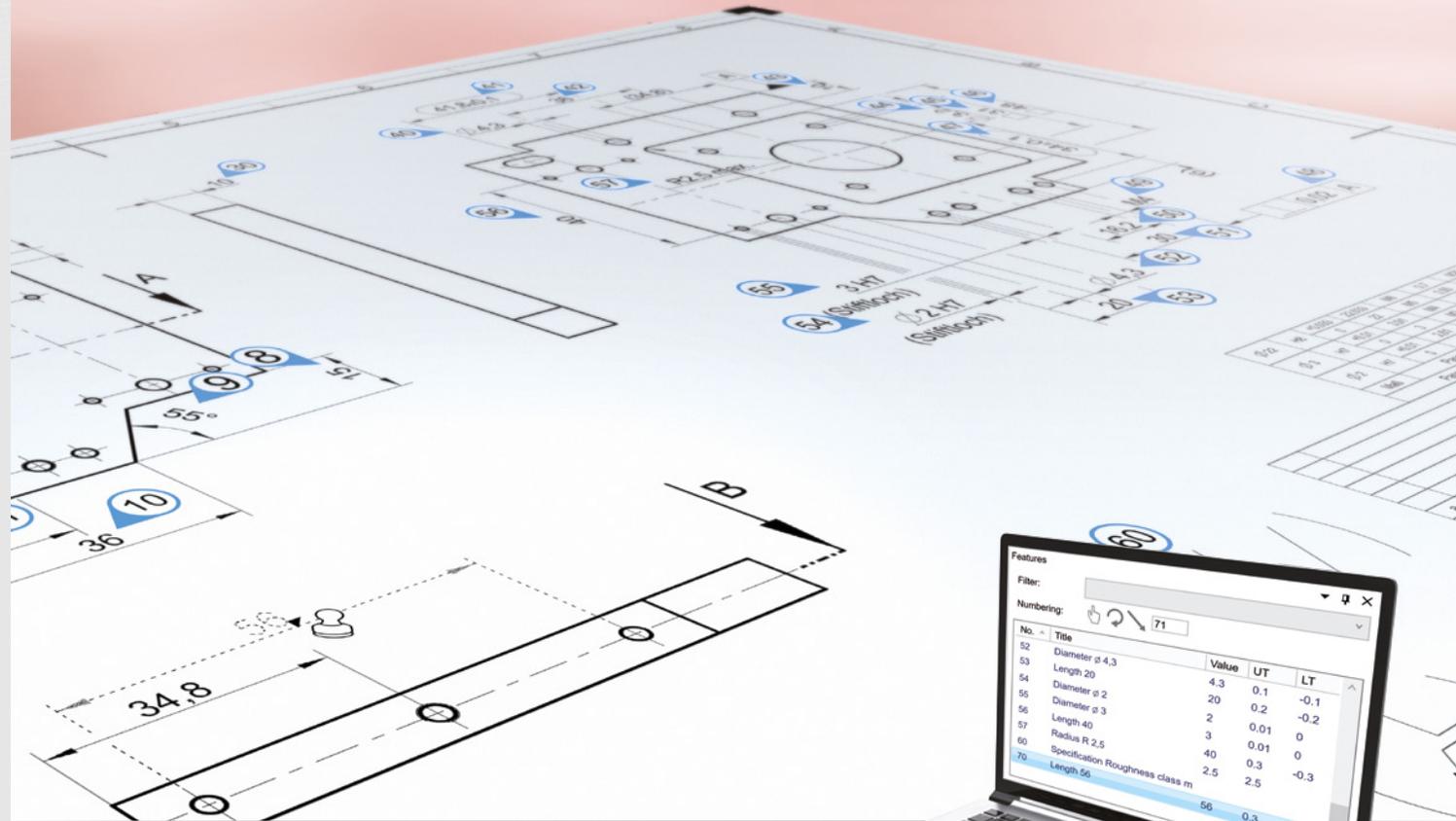
1A



## The leading software for analysing technical drawings

*infra* CONVERT automatically extracts, analyses and marks quality-relevant features from CAD drawings and transfers them to a test plan.

- Ensure a recognition rate of quality-relevant features up to 100%.
- Link quality-relevant features in stamped drawings and the corresponding quality control plan via a characteristic number.
- Reduce the time required for quality test planning by up to 70%.
- Integrate *infra* CONVERT as a module in a CAQ system.



## Reliable analysis of your drawings in just a few steps

### Loaded by *infra* CONVERT

- Drawings in a CAD exchange format (DWG, DXF or IGES)
- Drawings in another format (PDF, TIFF, PNG, ...)

### Issued by *infra* CONVERT

- Quality test plan for further processing in MS Excel or a CAQ system
- Stamped drawings as a PDF file or image details of areas around the stamps

No.	Title	Value	UT	LT
52	Diameter d 4,3	4.3	0.1	-0.1
53	Length 20	20	0.2	-0.2
54	Diameter d 2	2	0.01	0
55	Diameter d 3	3	0.01	0
56	Length 40	40	0.3	-0.3
57	Radius R 2,5	2.5	2.5	-0.3
60	Specification Roughness class m			
70	Length 55	55	0.3	-0.3