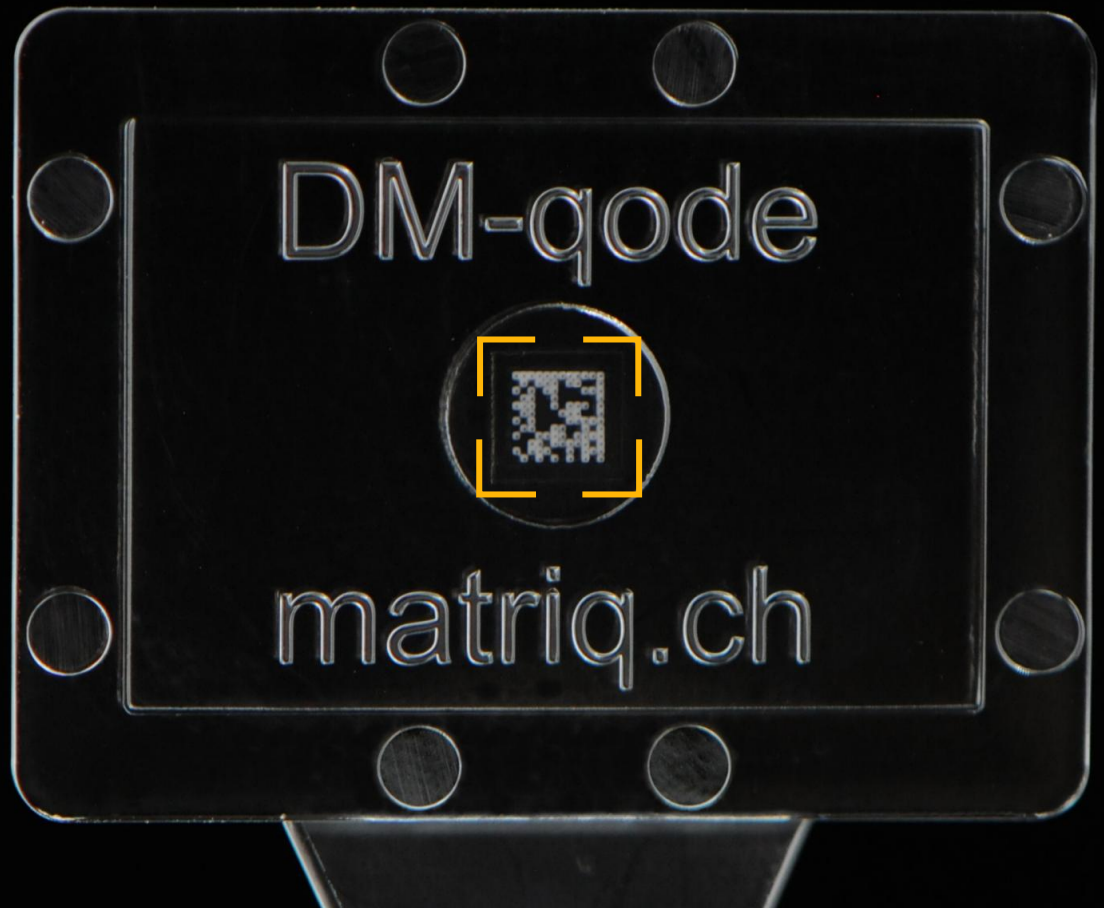
matriq

the plastics marking solution



marking plastiq smart!

traceability – molded in

- serialization
- traceability
- brand protection
- industry 4.0

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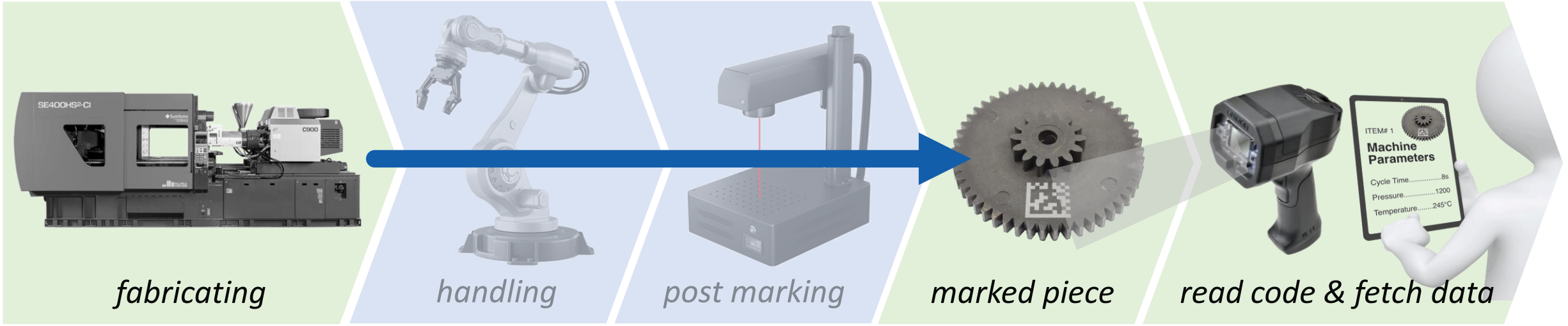
Each of your components is individual and unique! Give it an identity!

Component serialization for quality assurance and traceability.
For injection molding and blow molding.
Molded-in, at birth.

PRO 1: **Reduce complexity –** marking and forming combined and at the same time

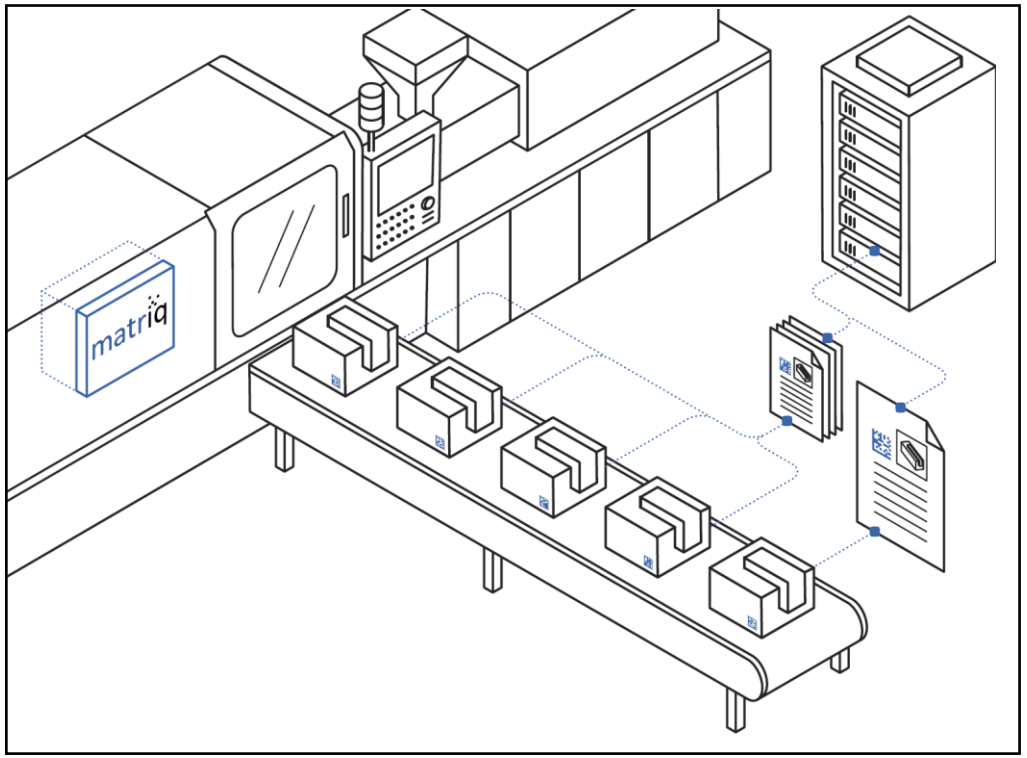


- ✓ No downstream processes necessary
- ✓ Cycle time neutral
- ✓ Independent of injection molding machines thanks to self-triggering marking

PRO 2: **Improve quality assurance –** gain more knowledge about every component produced

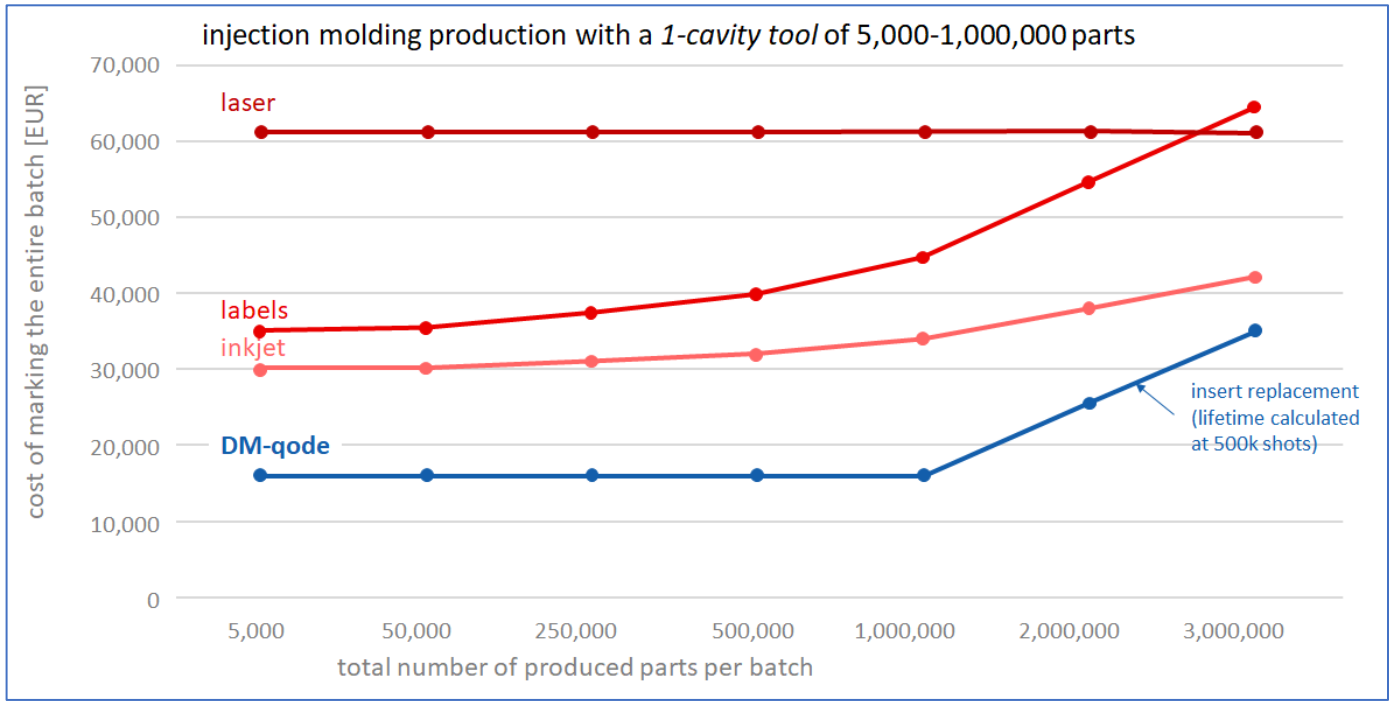
- ✓ Traceability to individual components
- ✓ Know and assign process data, material, machine, mold, etc.
- ✓ Ensure quality and reduce liability risk through serialization from birth

PRO 3: **Save effort –** no complicated installation or manual handling



- ✓ Components are automatically time-stamped to the second
- ✓ A serial number is connected with the production and process data
- ✓ No operator required, no labeling

PRO 4: **Realize cost advantages –** lower investment and running costs than labels, printing, or lasers



- ✓ Significantly lower investment costs and running costs
- ✓ No additional automation or ventilation required
- ✓ No additives required in the plastic

PRO 5: **Be an innovation leader –**
matriq's system is a groundbreaking world first

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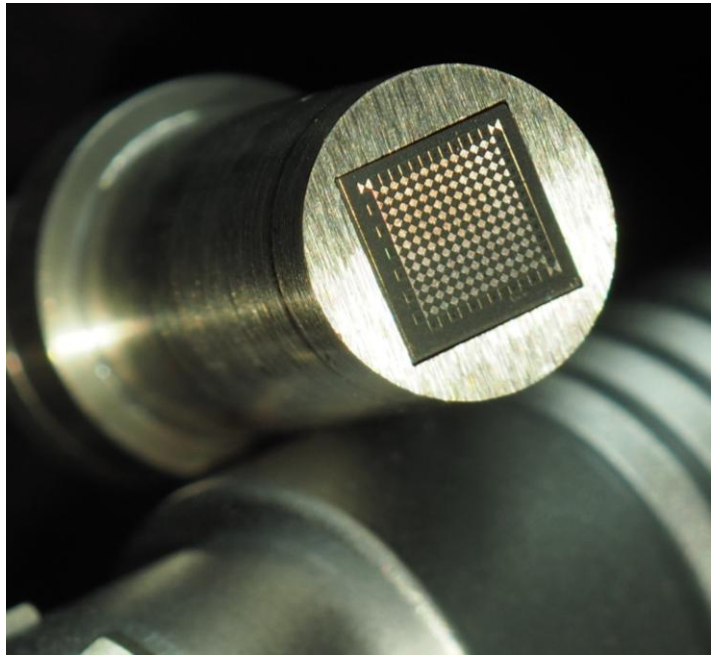

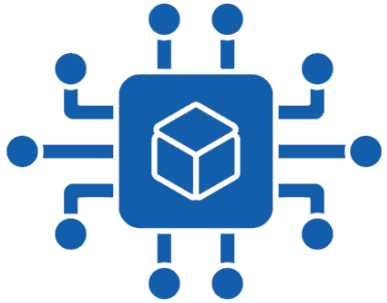

- ✓ Score points with customers through innovation and strengthen your own brand
- ✓ Advance digitization in injection molding
- ✓ Prepare for the future. Low-threshold and timely

PRO 6: **Ensure cleanroom compatibility and sterility –** dust-free, particle-free, exhaust-free

- ✓ Marking without particles, exhaust gases, or dust
- ✓ Reproducible and immovable in the mold
- ✓ No additives or material changes, in the designated color of the component