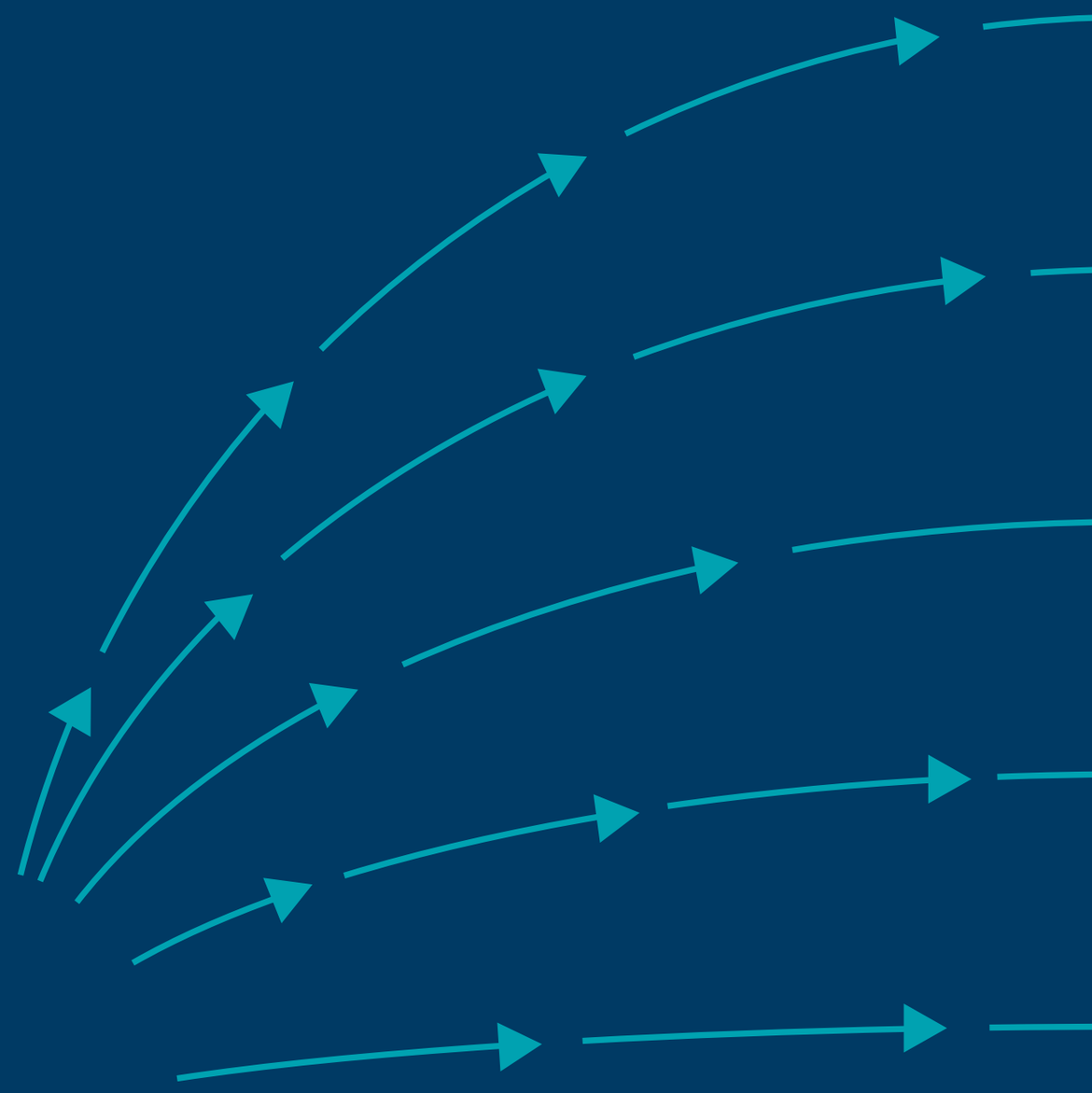
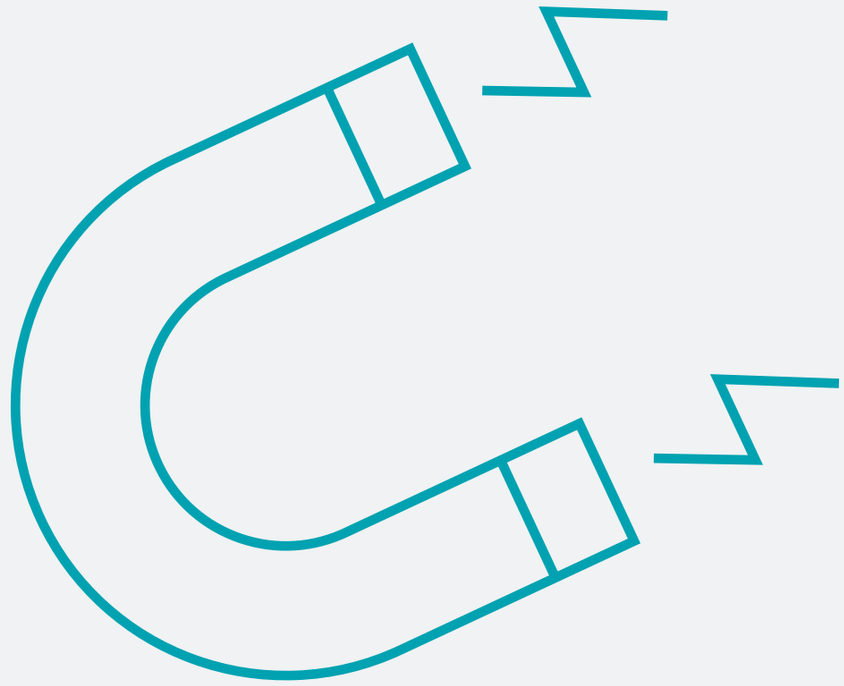
VALLON B·E·S·T Solution® Process:

For your optimal demagnetization solution



VALLON

Residual magnetism is an invisible disruptive factor with visible consequences. In **metal production and processing as well as in industrial parts cleaning**, it can lead to considerable quality losses and process disruptions. Sticking chips, coating defects or loss of precision are just some of the possible consequences. The effects vary depending on the material and machining process.



DISRUPTIVE FACTOR

Residual magnetism

OUR SOLUTION

VALLON B-E-S-T Solution®

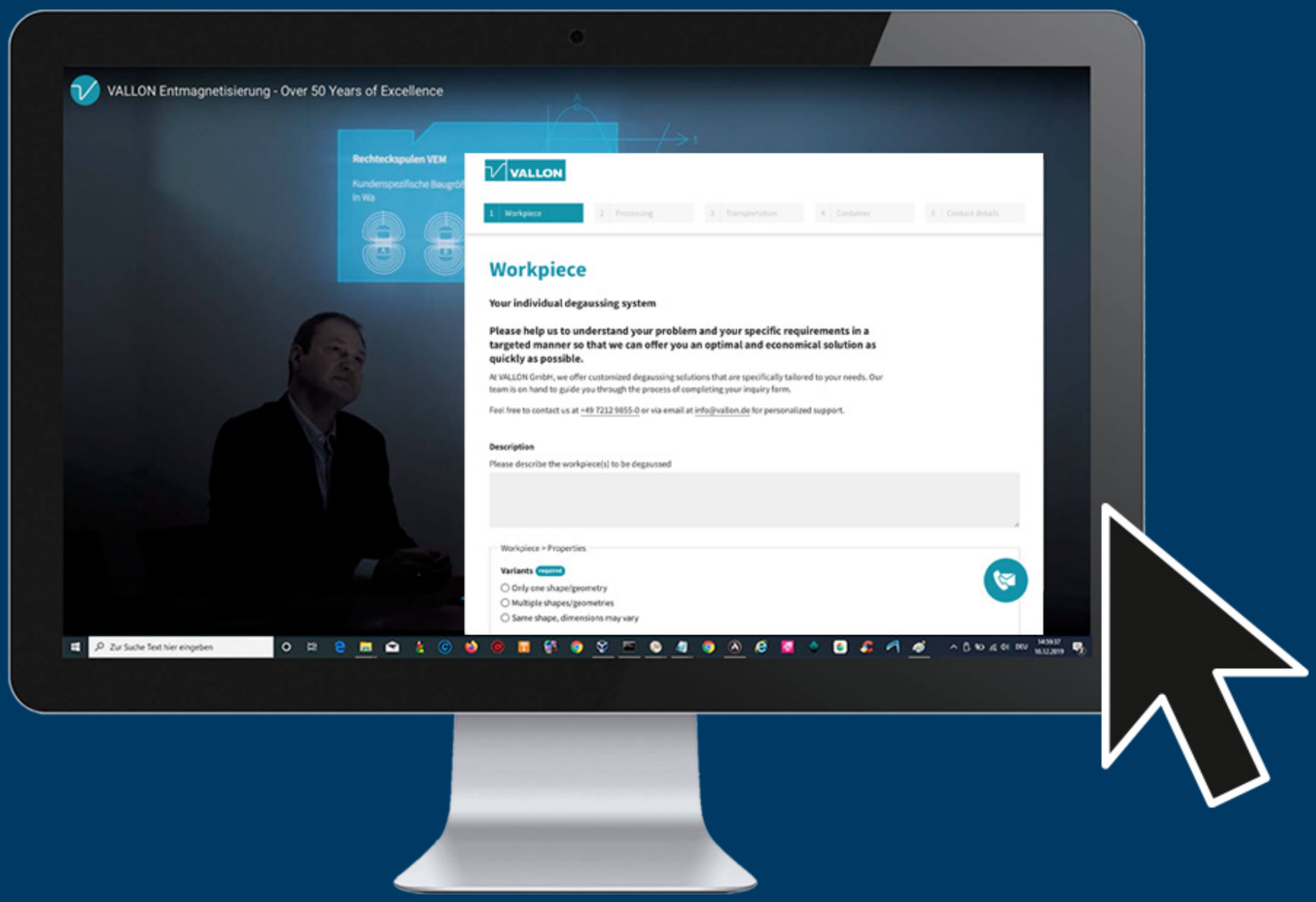
This four-stage process ensures efficient, targeted and customer-oriented development of your tailor-made demagnetization solution. From the initial analysis to successful implementation, you benefit from our decades of experience.

B

Bespoke Analysis

We record your requirements precisely using our online form, supported by VALLON experts. We take into account industry standards and your specific limit values. This precise determination of requirements forms the basis for your individual solution.

VALLON B-E-S-T Solution®

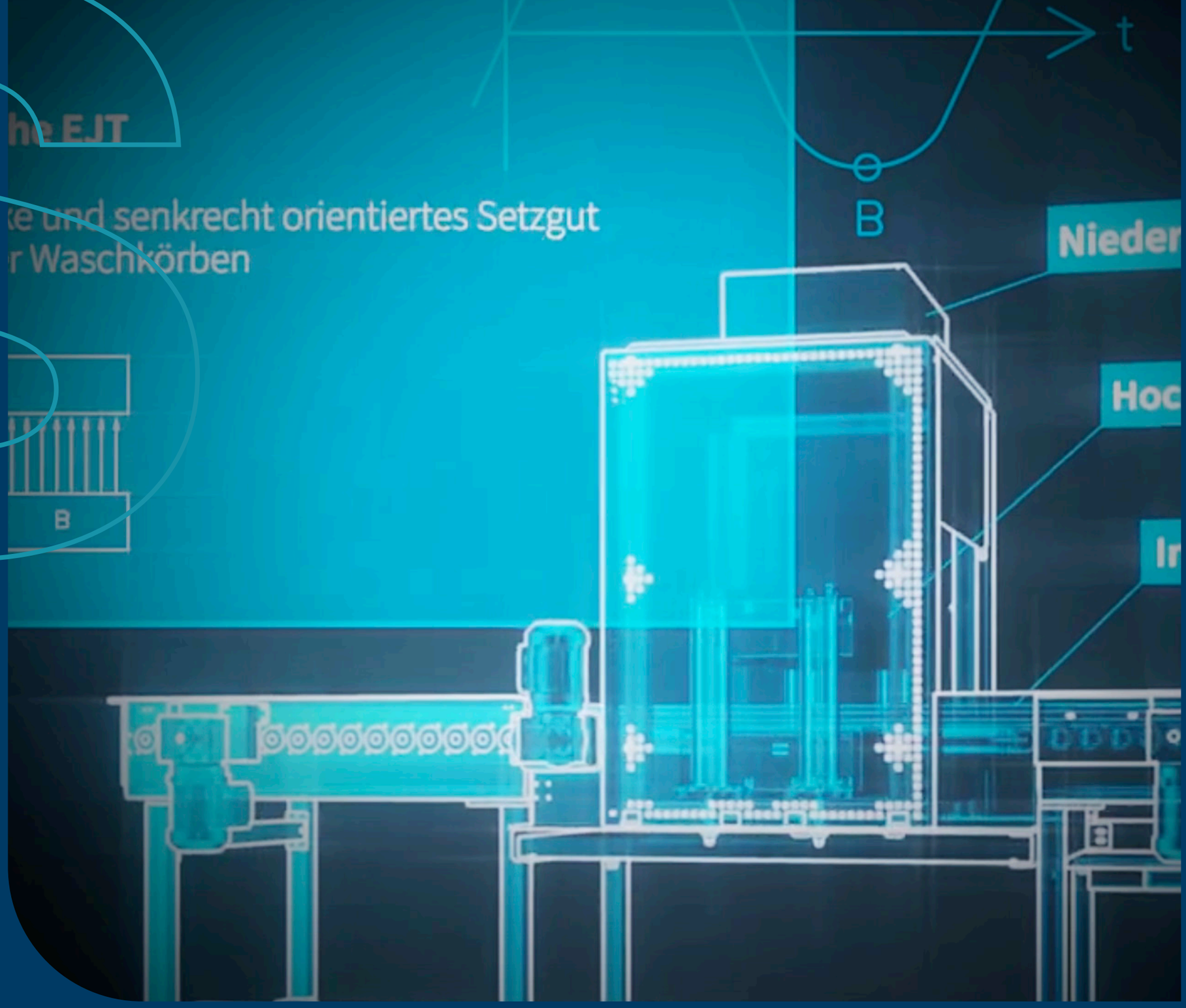


Expert Evaluation

Our experienced team analyzes your problem and carries out tests in our modern application laboratory. Using advanced measurement technology, we precisely record the actual/target status and develop initial solutions tailored to your needs.

VALLON B-E-S-T Solution®

VALLON B·E·S·T *Solution*®



Solution Design

Based on the results of the analysis and our high-performance portfolio, we develop your individual demagnetization solution that optimally combines efficiency, cost-effectiveness and sustainability.

Team Implementation

We work in partnership with you throughout the entire process - from conception to implementation. Through close cooperation and training courses for your employees, we ensure seamless integration into your existing processes.

VALLON B-E-S-T Solution®

MODULAR

Product portfolio

Our modular and proven product portfolio forms the basis for highly customized solutions:

Demagnetization coils: For demagnetizing a wide variety of geometries, adaptable to different material thicknesses and shapes.

Demagnetization yokes: Ideal for flat workpieces and special applications, with optimized field geometry for maximum effectiveness.

Low-frequency generators: Powerful frequency converters for optimum demagnetization, with adjustable frequencies and field strengths.

Software: For controlling our low-frequency generators with functions for data logging etc.

High-precision field strength meters: For exact detection of residual magnetic fields.

together
we find the
best solution.

vallon.de/EM-Inquiry