

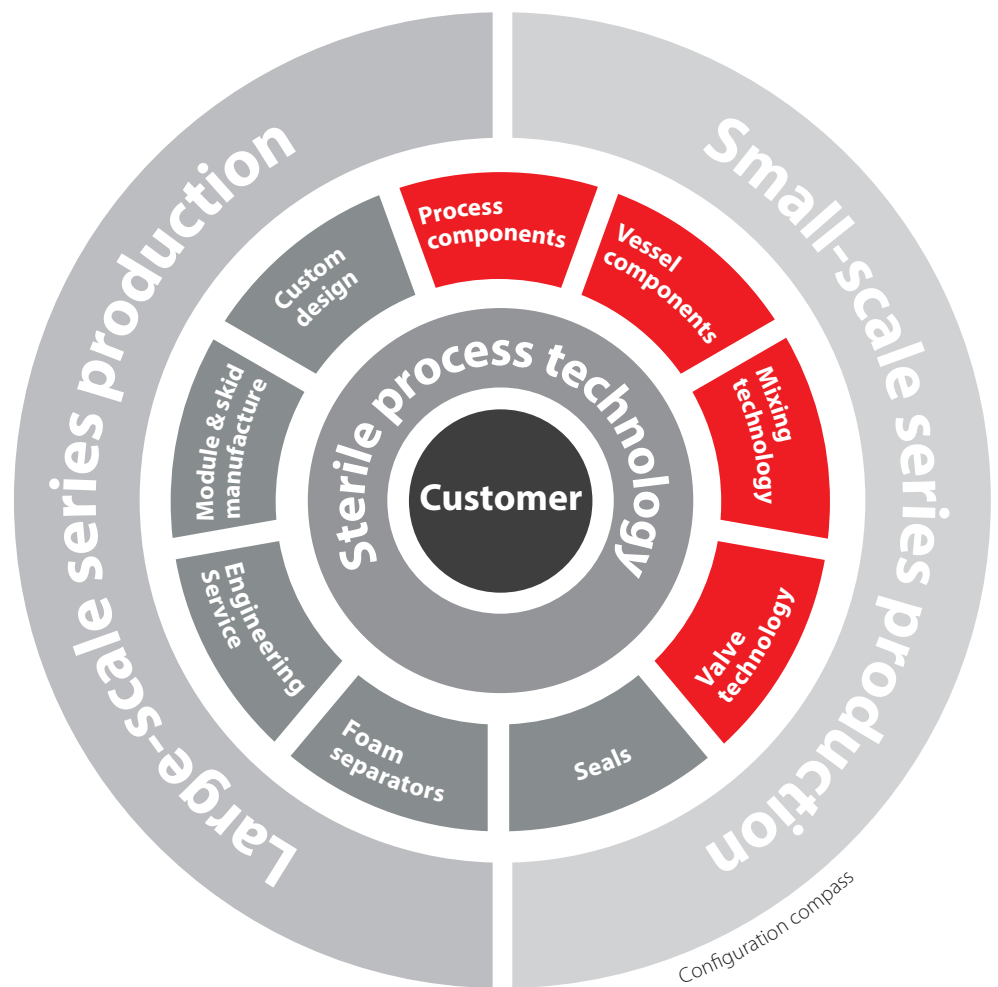


Sterile technology -  
without compromises



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For us, everything revolves around our customers and their requirements.

Thanks to know-how developed over many years, a broad-based product range as well as our bio-modular system, we are among the leading providers of end-to-end solutions in the fields of pharmaceutical and biotech process technology.

Our nine core competencies cover almost the entire spectrum of process engineering applications. We are your specialists in the field of sterile components for process engineering - or we can offer end-to-end solutions. The extent of our collaboration is entirely up to you.

liquitec stands for highest standards of process quality as well as user-friendly, carefully thought out, low-maintenance and energy-efficient solutions. With regard to the aseptic environment, we are ready to assist you whether it be in terms of process components, mixing or filtration technology, individual items or large quantities - and we like to take on the most complex challenges.

Get to know us.

Regards

Patrik Denoth  
CEO

# Made in Switzerland

## Engineering & Production



**2**  
facilities



**25+**

years of experience in  
mixing technology

**800  
00L**

max. mixing volumes

**2640 m<sup>2</sup>**  
of trading space

**25+**

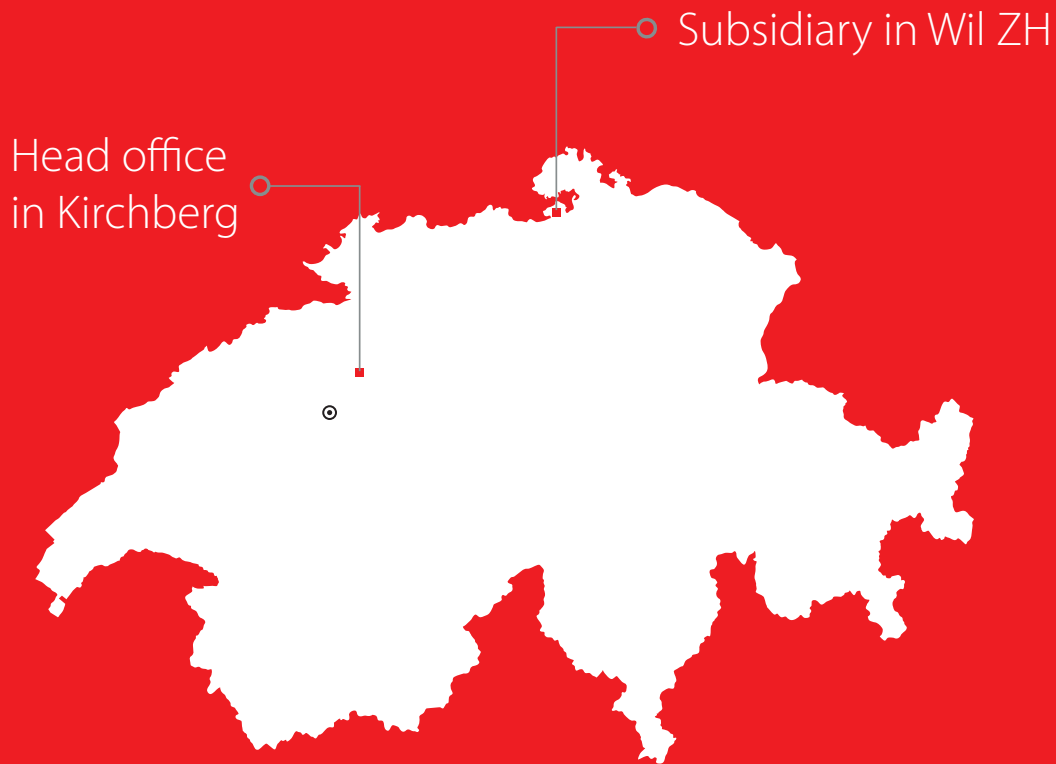
years of experience  
in valve technology

**20+**

employees

**5 P's**

Plan, Position,  
Pattern, Ploy &  
Perspective



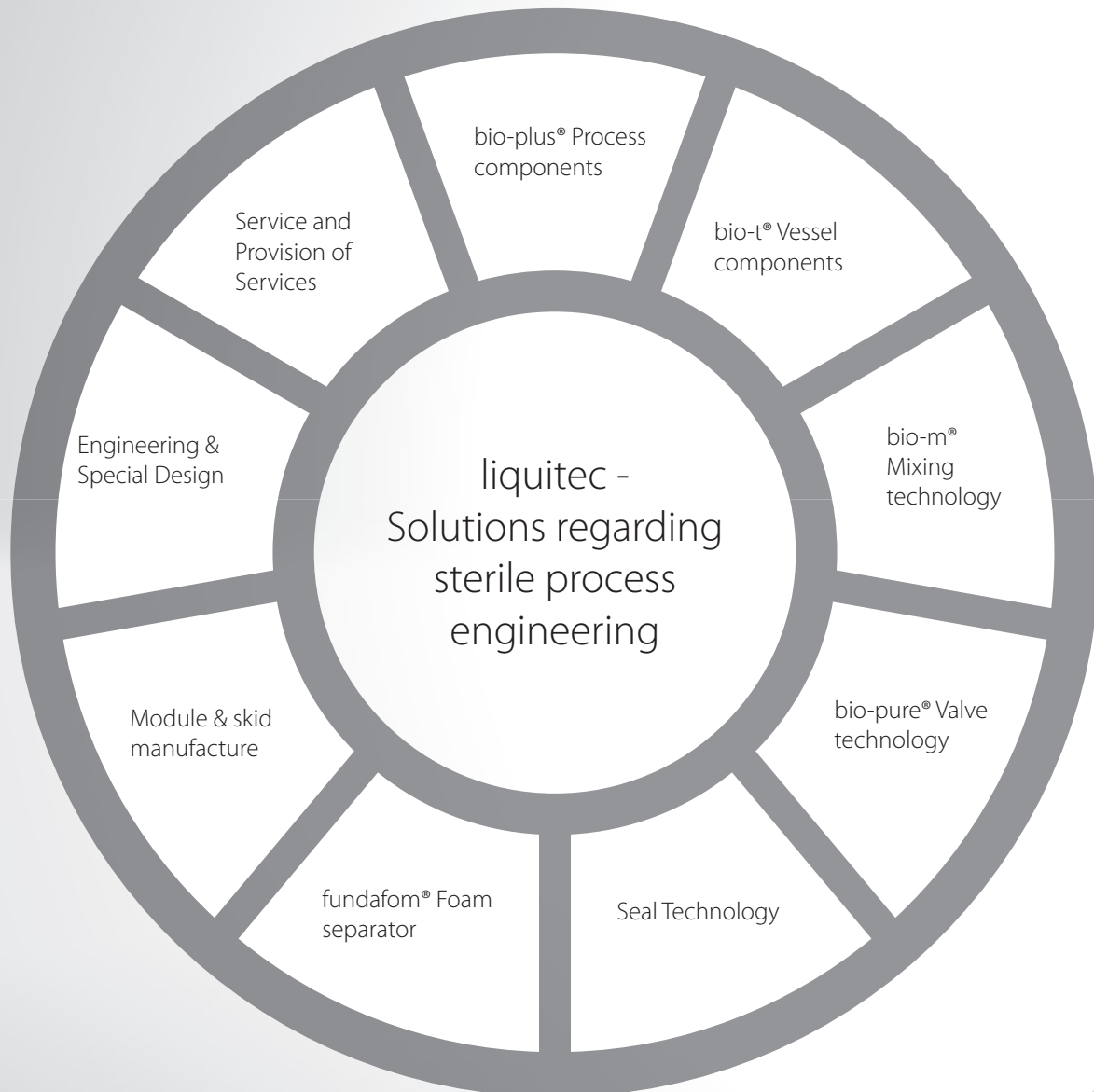
We are a young, family-owned business based in Kirchberg with a subsidiary company in Wil ZH. In close cooperation with our customers, we develop and realize components, assemblies and modules for process engineering systems from our headquarters in Kirchberg. Our products are manufactured in Kirchberg and Wil.

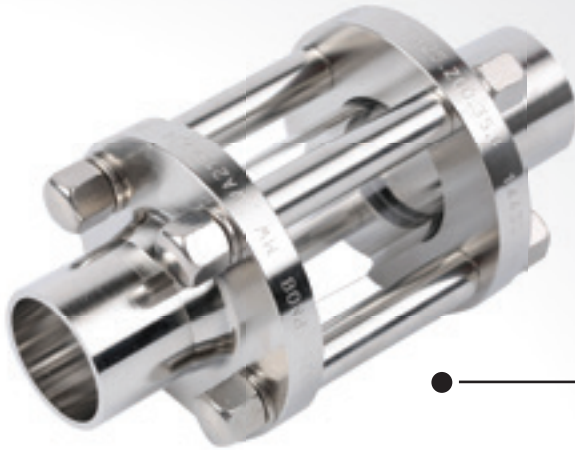
Our worldwide customer base trusts our brand and our commitment to optimal product safety. All customers may rest assured that if they decide on a liquitec product, they will purchase a product of the highest quality. We ensure that we

honour this commitment every day.

Experienced process engineers and 3D CAD specialists assure the delivery of prompt, future-proof and high quality engineering services. In addition to the continuous development of our plant components, we also manufacture customer-specific devices, modules and components. In this regard, it is essential to have ongoing, transparent and pertinent interaction between our clients and our team.

# End-to-End supplier of sterile processing solutions





## bio-plus® Process components

Pipe unions, Filter strainers, Orifices, Process hoses, Hose fittings,  
Line sight glasses, Spherical / membrane and disc non-return valves,  
Tube fittings, Special products

## bio-t® Vessel components

Vessel clamp flanges, Tank nozzles, Tank passage ports,  
Ingold systems, Hand and manhole covers,  
Vessel sight glasses





## bio-m® Mixing technology

bio-m® Bottom-mounted magnetic agitators, Fermenter agitators, Top-mounted magnetic agitators, Agitators with mechanical seals, Static and dynamic in-line mixers

## bio-pure® Valve technology

bio-pure® Diaphragm valves, T-body diaphragm valves, Diaphragm bottom outlet valves, Diaphragm valve blocks, Sampling valves & systems



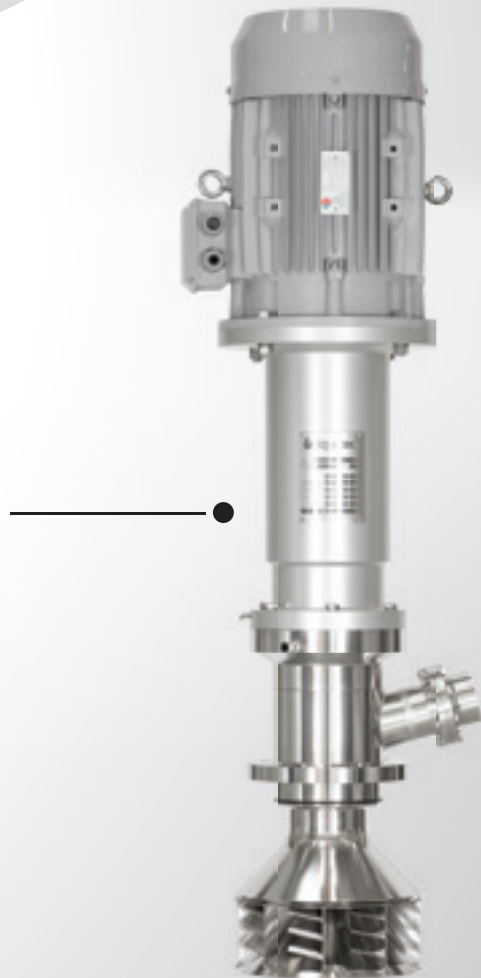


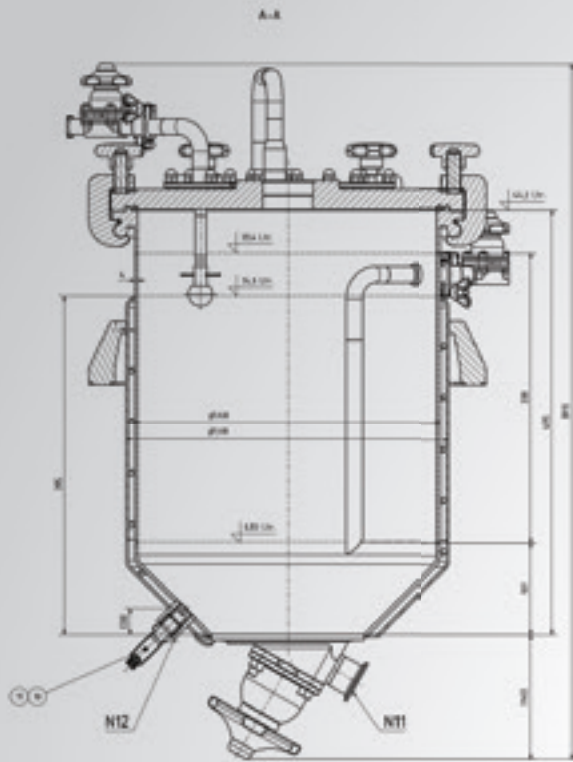
## Seal Technology

Seal technology for all applications in technical process engineering, clamp seals in all materials, Gylon® process seals, FEP-silicone O-rings, etc.

## fundafom® Foam separator

Multi-functional mechanical foam separator for a broad range of applications





## Engineering & Special Design

Development and realization of customer-specific process components, design services, calculations, CFD & FEM simulations and special designs

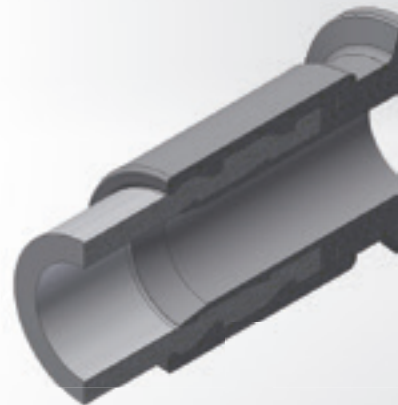
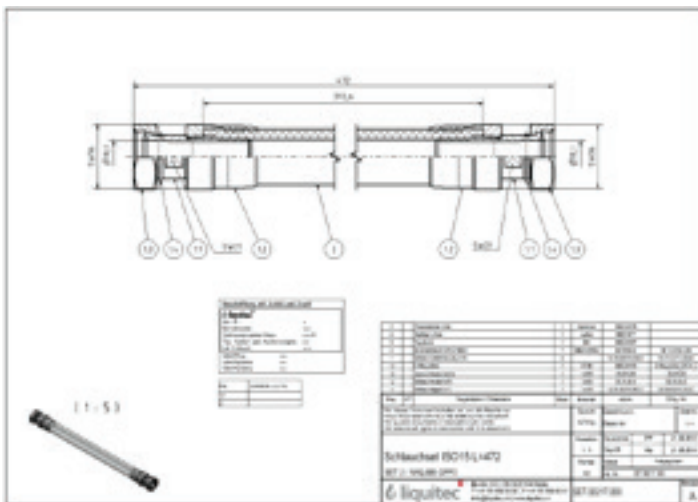
## Module & skid manufacture

Customer-specific process engineering modules are tested and inspected as assemblies in accordance with the requirements of the customer




# Service and Provision of Services

- Field service for process components
- Spare parts service
- Hose service
- Documentation




# **Sterile Components for technical experts**

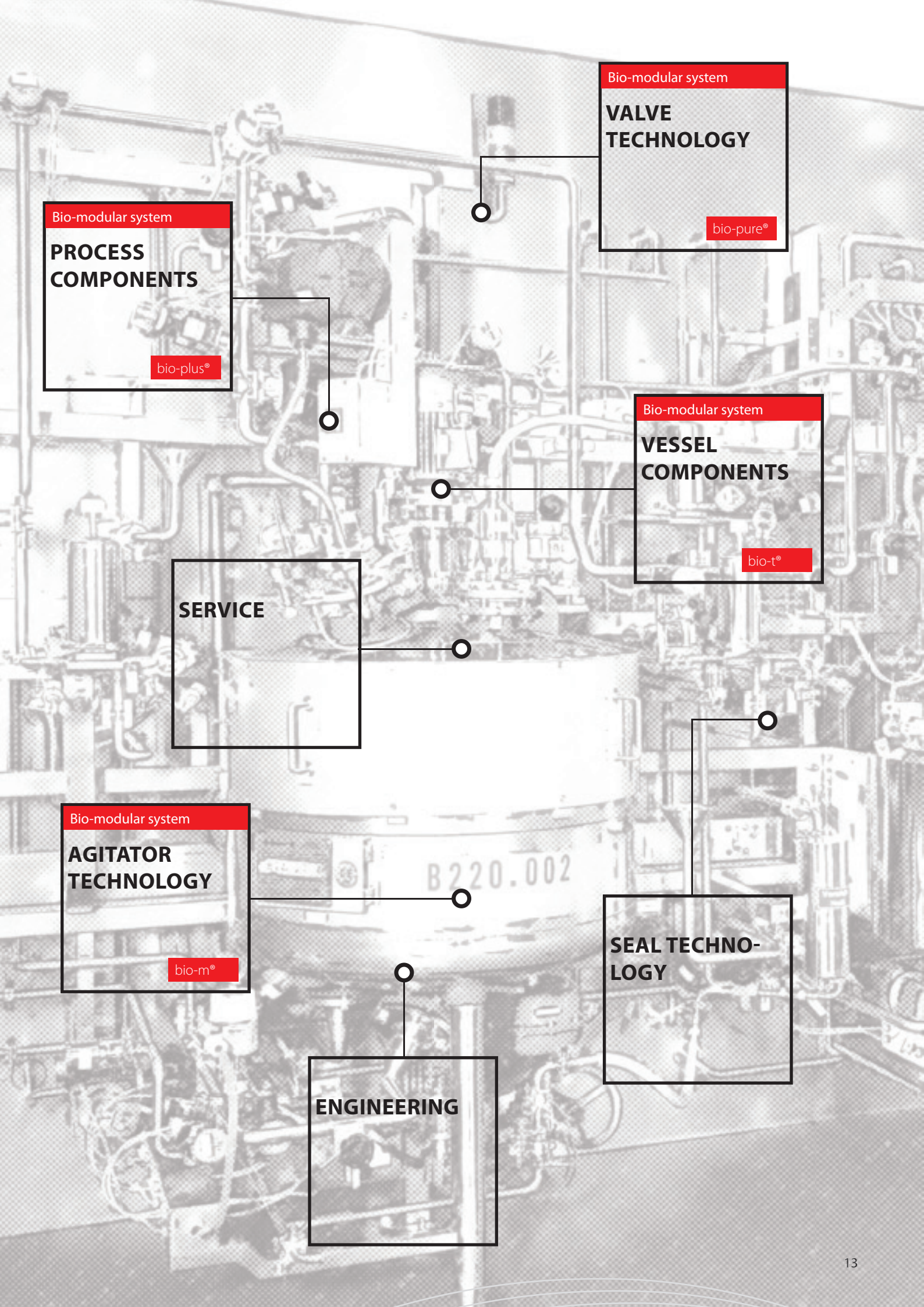
## Innovative efficiency



Our modular component system enables our customers to achieve the greatest flexibility and cost efficiency in terms of process design, plant engineering and maintenance with technically superior products.



Patrik Denoth,  
CEO



Bio-modular system

**PROCESS  
COMPONENTS**

bio-plus®

Bio-modular system

**VALVE  
TECHNOLOGY**

bio-pure®

Bio-modular system

**VESSEL  
COMPONENTS**

bio-t®

**SERVICE**

Bio-modular system

**AGITATOR  
TECHNOLOGY**

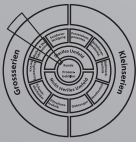
bio-m®

**SEAL TECHNO-  
LOGY**

**ENGINEERING**

# Zero-compromise sterile technology in the process industry

10 values that make a convincing case for liquittec products and services



## Unsurpassed variety and quality of the product range

As end-to-end supplier in the field of process engineering, our product range extends from process components through filtration technology and on to special solutions, all of the highest quality.



## Assurance of the highest levels of product safety

Thanks to our consistent application of quality assurance processes as well as numerous special audits (FDA, Swiss TS, EHEDG, 3A ASME, BPE) we guarantee the highest level of product safety and 100% traceability of products.



## Bio-modular system offers maximum flexibility and cost efficiency

The ability of our bio-module component system to be used in a virtually unlimited variety of combinations enables applications offering the greatest energy efficiency, user-friendliness and low maintenance requirements.



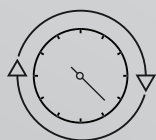
## Developed for use in the most chal- lenging conditions.

liquittec products are used to transport most commonly used, aggressive, complex and cost-intensive media.



## Improved energy efficiency

Based on the optimal application of materials for all matched liquittec components, warming and cooling is far more efficient than with generally available standard components.



## Best product and service delivery thanks to quality management

We guarantee our customers the best products and service in the field of aseptic environments and strive in equal measure to achieve the highest quality and the best possible customer satisfaction.



## DIN, ISO, OD & SMS standards compliant

Naturally, we have all important certification and comply with all the required standards and are certified in terms of numerous special audits.



## Small-scale series and custom designs

Should our extensive product range not be able to satisfy your requirements, we can manufacture components to your specifications. We will also be happy to assist you in small-scale series.



## Many years of experience in process engineering

Our employees have extensive know-how in their fields as well as many years of experience in process engineering.



## Gap- & dead-leg-free, self-draining, traceable, SIP- / CIP-compatible

liquittec products can be cleaned absolutely and verifiably by means of all generally-used cleaning processes and are especially suited to CIP and SIP processes.



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