



CONCEPTIONS M.G. INC.



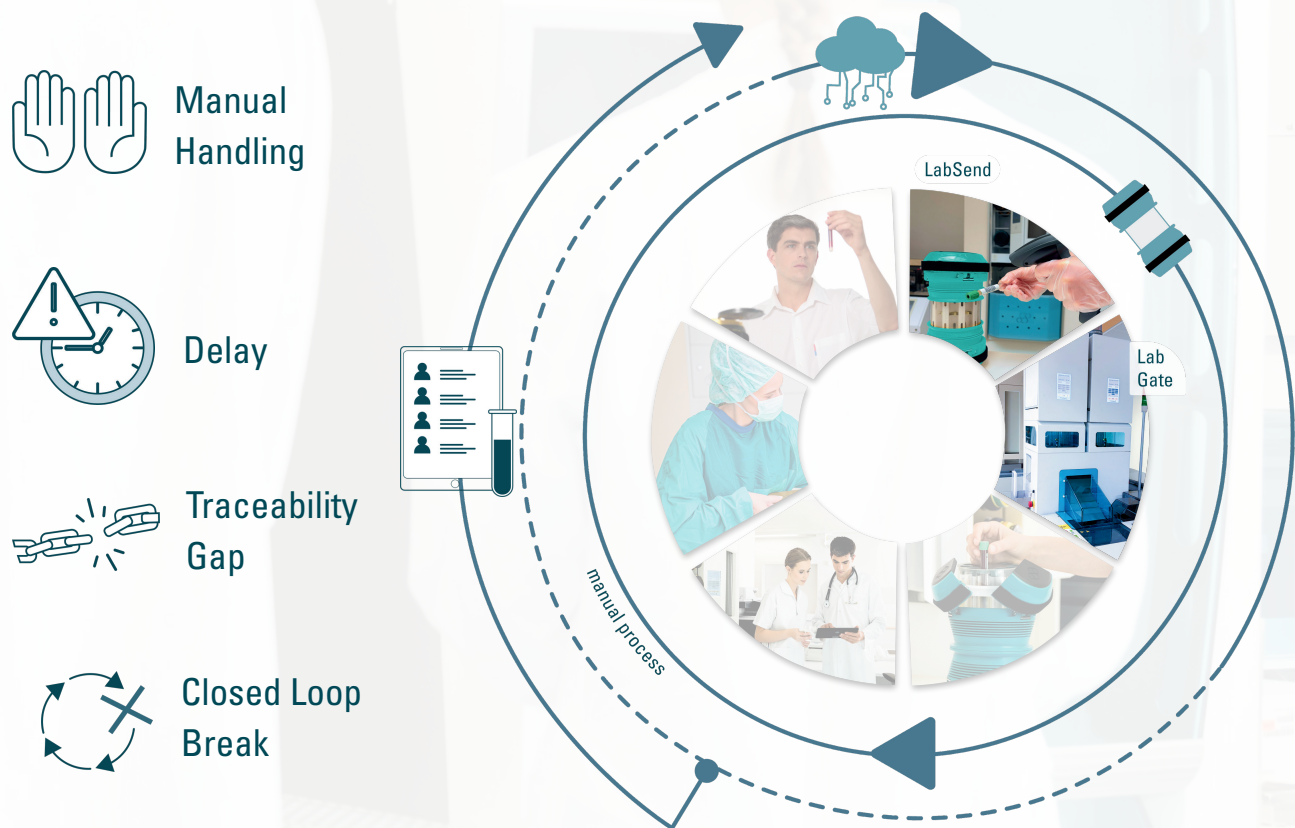
Sumetzberger AIO Lab for Smart Workflows

CONNECTING PRE-ANALYTICS, AUTOMATION
AND LABORATORY PROCESSING

Where Laboratory Complexity Creates Risk

Many laboratories still rely on multiple disconnected steps before analysis begins. Manual sample receipt, fragmented logistics and limited process visibility can make consistency, traceability and turnaround times harder to maintain.

As sample volumes grow and staffing pressure increases, laboratories need connected workflows that link sample arrival, registration, sorting, distribution and further processing into one structured flow.

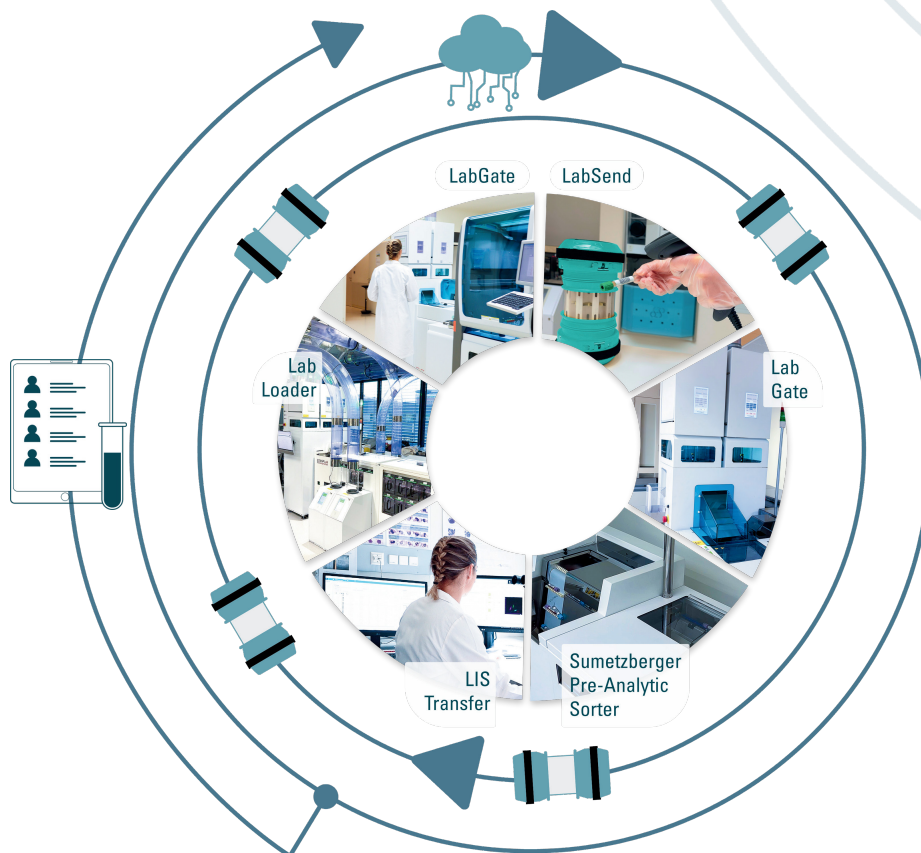


The ALL-IN-ONE (AIO) Lab Solution addresses key challenges in central and decentralized laboratories by closing gaps in automated sorting and distribution. It enables documented sample flow between labs, ensuring continuous traceability from transport and receipt to LIS capture and further processing, supporting consistent workflows and improved transparency.

Sumetzberger AIO Lab: One Continuous Laboratory Flow

A connected laboratory workflow supports the complete sample journey – from transport to downstream processing. Instead of isolated process steps, Sumetzberger AIO Lab combines transport, sample receipt, sorting and distribution into one integrated workflow.

The Sumetzberger pneumatic tube system forms the backbone that connects physical sample transport with pre-analytical and digital laboratory processes.



- Traceability
- Continuity
- Control

LabSend: Controlled Transport Supports Workflow Quality

Reliable laboratory workflows begin with controlled sample transport. Delivering the right sample in the right carrier to the right destination creates the foundation for traceable and efficient laboratory logistics.

Sumetzberger pneumatic tube transport enables fast, controlled and documented sample flow as the first step of a connected laboratory process.




RFID

Right Sample
Right Carrier
Right Destination



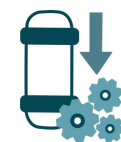
PowerControl Enables Automated Sample Transfer

Sumetzberger PowerControl Software automates sample unloading and reduces manual intervention at a critical point in the workflow. The controlled transfer from the pneumatic tube carrier to laboratory processing supports continuity, consistency and a structured pre-analytical routine.

Together with controlled sample transport, PowerControl creates the basis for a connected process from sample arrival in the laboratory to the next processing step.



End-to-End
Check



Automation



Closed Loop

LabGate® Connects Sample Arrival with Automation

The transition from pneumatic tube transport to laboratory processing is a critical workflow step. LabGate® acts as the controlled interface between arriving samples and the next pre-analytical processes.

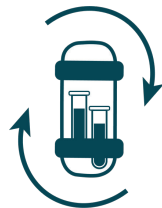
Sample arrival, verification, buffering and prioritised transfer help create a stable laboratory flow and prepare samples for efficient downstream processing.



End-to-End Check



Leak Detection



Empty Carrier Check



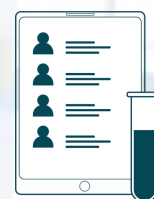
STATExpress Check



Sumetzberger Pre-Analytic Sorter with LIS: Connecting Samples and Data

Modern laboratory workflows require more than physical transport. Automated sorting combined with LIS integration links the sample delivered by the Sumetzberger pneumatic tube system with the right data, status and next process step.

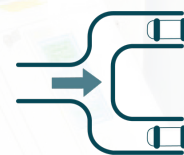
This supports transparency, traceability and a controlled pre-analytical workflow.



LIS-Registration



Sorting

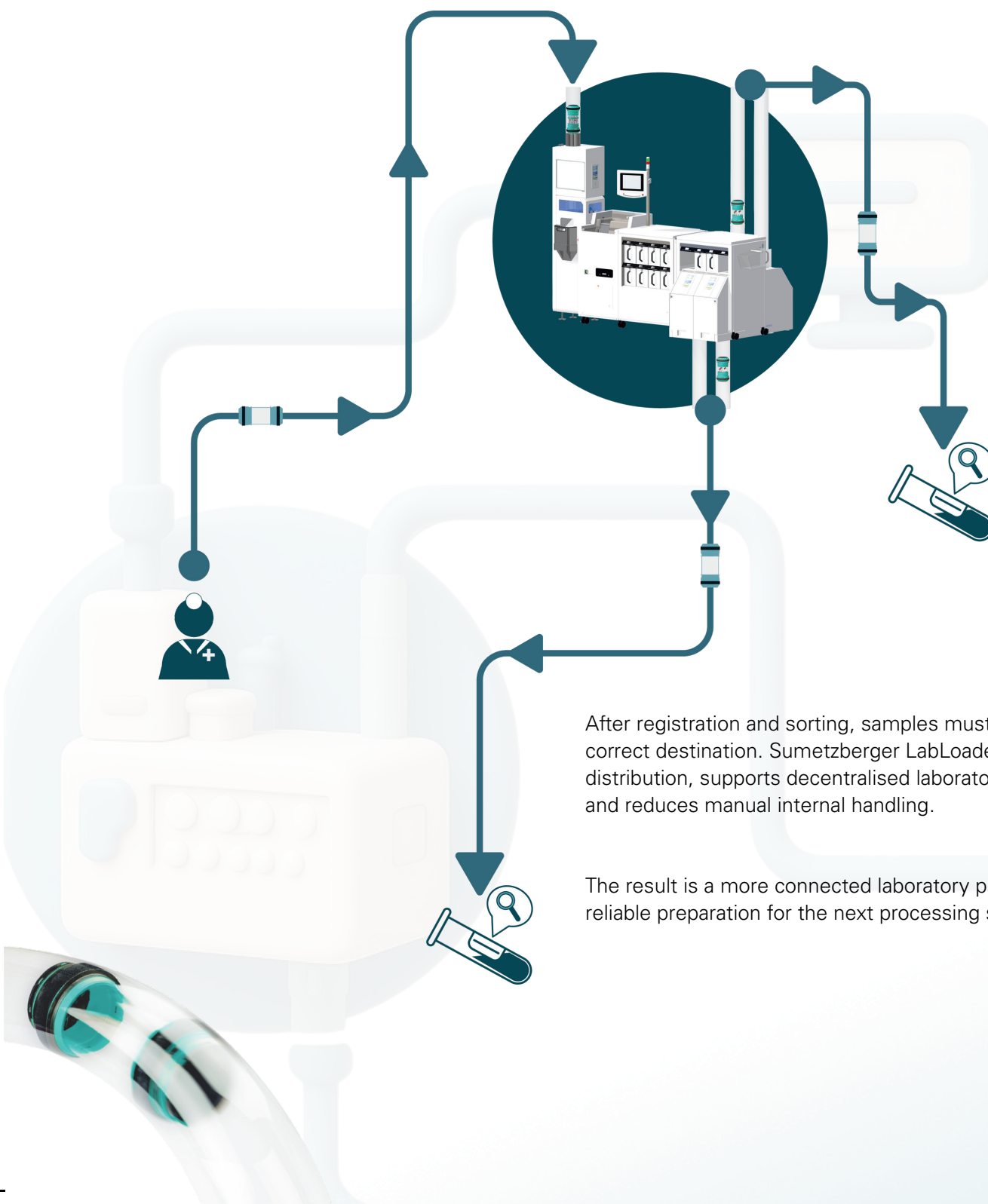


Distribution



Closed
Loop

LabLoader® Connects Sorting and Distribution



After registration and sorting, samples must reach the correct destination. Sumetzberger LabLoader® automates distribution, supports decentralised laboratory structures and reduces manual internal handling.

The result is a more connected laboratory process and reliable preparation for the next processing step.

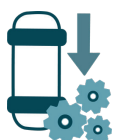
Prepared for Automated Downstream Processing

Once samples have been received, verified, registered and routed, Sumetzberger LabGate® supports their structured handover to TLA systems and downstream analytical equipment. Automated unloading, sorting and integration with laboratory workflows help reduce manual steps and keep the sample journey consistent.

This creates continuity between logistics, pre-analytics and laboratory analysis.



Automation



Analyzer



Closed Loop



From Analysis to Clinical Decision Support



The value of laboratory diagnostics lies in delivering reliable results that support clinical decision-making. A connected workflow helps ensure that every step of the sample journey contributes to timely result generation and communication.

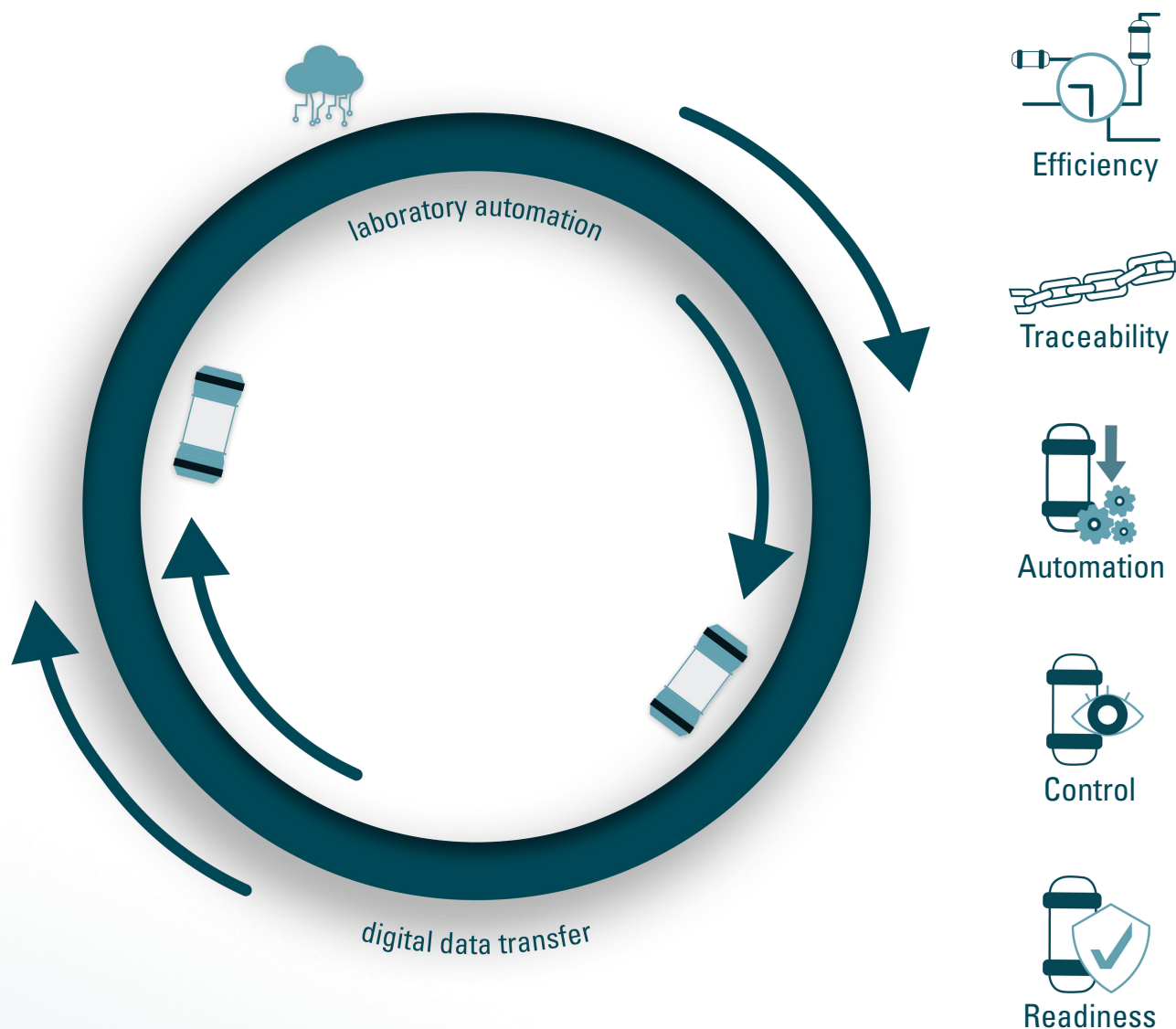
In this way, laboratory process quality supports the entire treatment pathway.



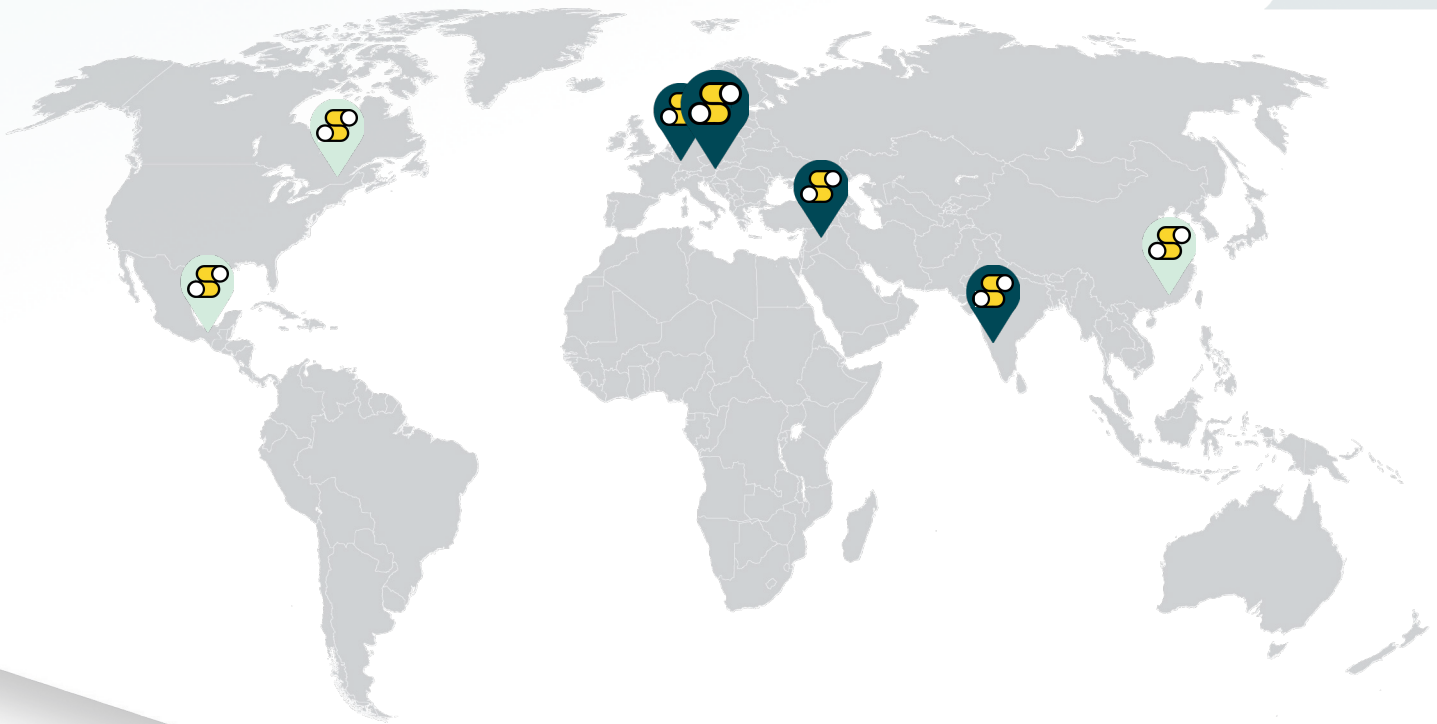
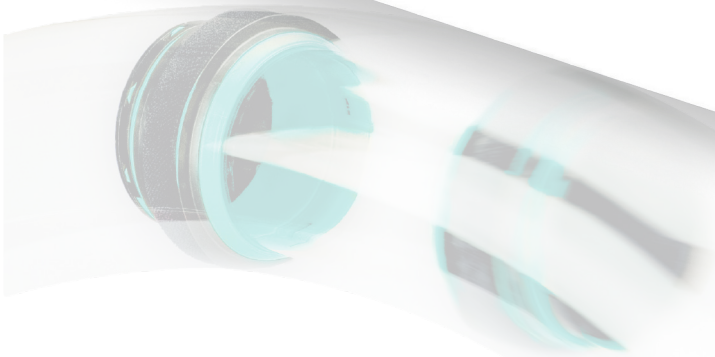
From Pre-Analytics to Laboratory Processing

A connected laboratory workflow improves transparency, strengthens pre-analytical quality and creates the foundation for higher levels of automation and digital integration.

With innovative solutions such as pneumatic tube transport, AutoUnload and LabGate® Redundant, Sumetzberger connects logistics, pre-analytics and laboratory automation into one continuous process. The result is greater efficiency, enhanced process reliability and a future-ready laboratory environment. Support smarter laboratory operations with one integrated process.



Support better laboratory flow with one integrated process – from Sumetzberger pneumatic tube transport to connected laboratory analysis.



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Reliable Workflow Engineering

Sumetzberger develops intelligent solutions for connected workflows in healthcare, industry, and infrastructure.

Ing. Sumetzberger GMBH.
Leberstrasse 108, A - 1110 Vienna
www.sumetzberger.com

CONCEPTIONS M.G. INC.
E-Mail: info@conceptionsmg.com
Phone: 1-888-651-2839

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