Holloid

The internet of microscopes

Real-time 3D imaging and measurements
of bacteria, cells, microplastics and other particles

We enable new insights and process control
in pharma, food, biotech and environmental monitoring

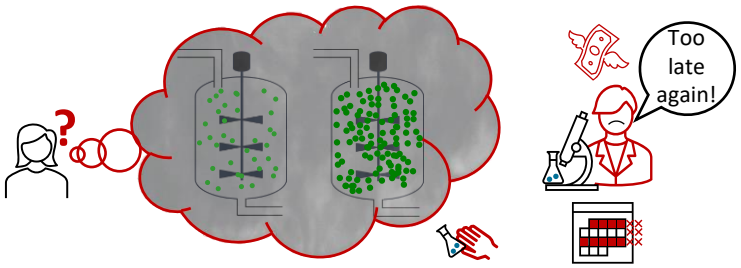
The Problem

Manual monitoring by highly skilled personnel, taking samples at long intervals

Lacking objective and standardized decisions

High labour costs

Lost or inefficient production



Our Solution

Holloid's distributed microscopes provide automated, consistent, detailed information to optimize productivity

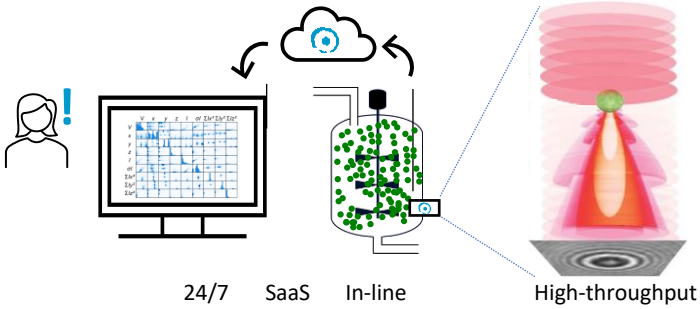
The 'internet of microscopes' warns early of sterility issues, competing organisms, other contaminating particulates

Light shines through a sample and scatters when hitting particles

A camera collects the info on all particles in a single image, a hologram

From each hologram we reconstruct 500 images with all particles in the volume

The book-sized devices consist of low-cost standard parts



Size, shape, internal structure, motility and other characteristics and dynamics of each object are measured

The data can be processed on the premises or in the cloud → SaaS business model → recurring revenue

The Market

€ 0.4 billion: in-line monitoring DACH

€ 2 billion: in-line monitoring Europe

€ 14 billion: in-line monitoring & research market global

The Team

Peter van Oostrum

CTO
Main inventor

Pinar Frank

CPO
Microscopy startup veteran

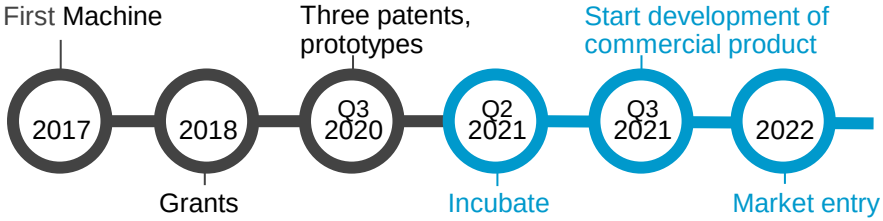
Marcus Lebesmühlbacher

CEO
Ex venture capitalist

Erik Reimhult

Board Member
Uni spin-off co-founder

The Milestones



Holloid

Industry: Life Science

Customer Focus: B2B

Incorporation: Q3 2021

Founders:
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