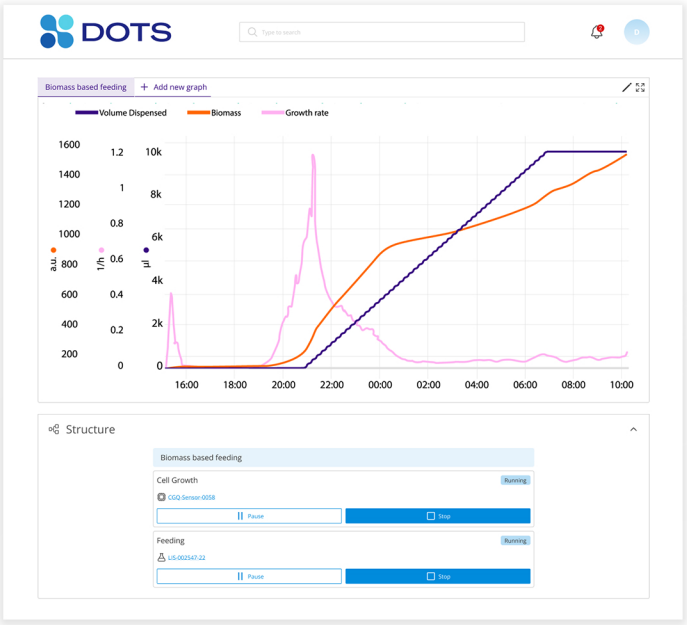
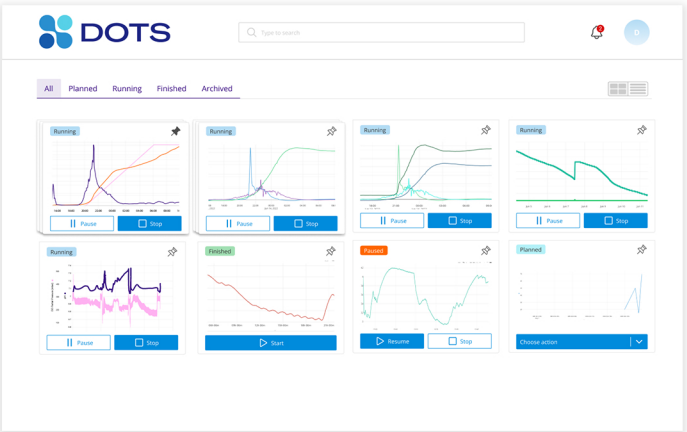
DOTS
a platform by sbi

DOTS Software

DOTS Software, a cornerstone of sbi's DOTS platform, is your tool for easy handling of sensors, actuators, and bioprocess data offering total control from calibration to data collection. Enabling the visualization and analysis of multiple parameters in parallel, DOTS Software offers a comprehensive overview and thorough understanding of your bioprocess.

A Look Inside DOTS Software





Key Features

- Compatible with sbi's complete portfolio of sensors and actuators
- Pre-defined application templates for the most common applications
- Enable automated, biomass-based feeding for feedback control in your shake flask experiments
- Effortless data visualization and analysis of Critical Process Parameters (CPPs) in real-time
- Easy Excel export
- Modern and intuitive user interface

Benefits

- Experience the simplest sensor handling in bioprocessing
- Reduce your sensor setup time significantly by using pre-defined application templates
- Gain actionable insights into your bioprocess through real-time data acquisition from multiple sensors
- Don't miss valuable information: Around-the-clock data collection includes time points during nights and weekends

What Our Customers Say

"By using the quick-start templates in the DOTS Software, I could setup my sensors very quickly and easily. Overall, this made my experiments significantly faster."

– **Christoph Kutzner (Badische Peptide & Proteine GmbH, Heidelberg)**

sbi SCIENTIFIC BIOPROCESSING

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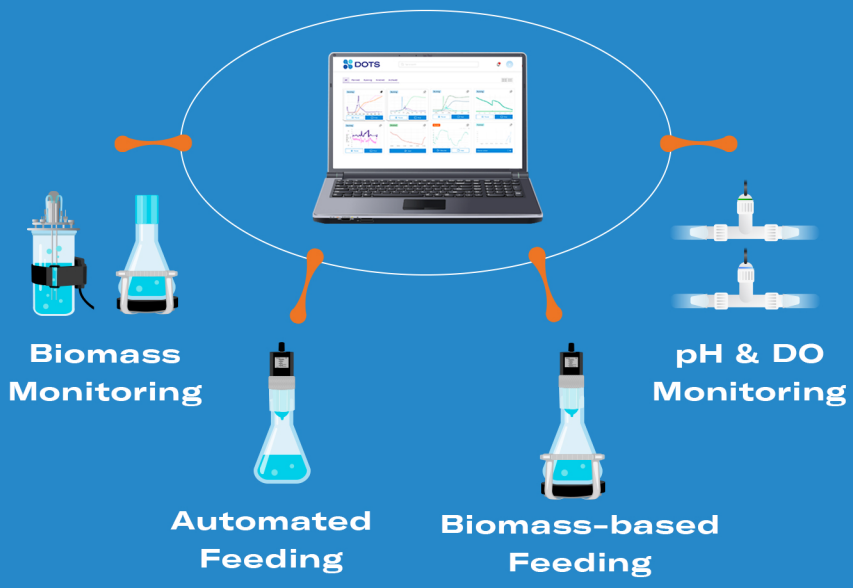
Hardware Compatibilities and Specifications

- ✓ Compatible with Windows 10 or newer
- ✓ Locally installed software, accessible from any computer within the network
- ✓ Browser-based
- ✓ Compatible with early generation sensors and actuators



DOTS Software is part of the DOTS Platform

The Sensor Platform to Simplify Your Bioprocessing

Parameters

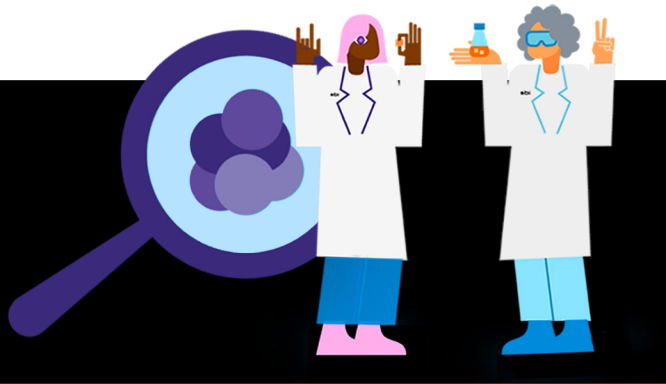
- Biomass and growth rate
- pH and dissolved oxygen (DO)
- Temperature and shaking speed
- Time-based and parameter-based feeding

Lab Infrastructure

- Shake flasks: 100 mL - 5000 mL
- Bioreactors: From benchtop or large scale to customized reactors (e.g., for phototrophic cultivations or tissue engineering)
- Flow loops

Applications

- Biomass monitoring in shake flasks, fermenters, or customized vessels
- Environmental parameter monitoring to understand bioprocess conditions
- Liquid feeding in shake flasks
- Innovative biomass-based feeding in shake flasks
- pH/DO monitoring in flow loops for cell culture and microbial applications



Want To Connect The DOTS In Your Bioprocessing?

Contact Us

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