Phizzle

Data Integrity in Pharmaceutical Manufacturing

- As the life sciences industry transforms, a critical challenge for modern drug manufacturers is closing data integrity (DI) gaps.
- Pharmaceutical manufacturers are seeking a higher caliber of data across their production pipeline than ever before.
- New products like live vaccines require continuous monitoring and a network architecture that can automatically capture lab data. Instant data transfer, remote operations, and automated testing cycles have long been staples of the software world — and are now becoming best practice in the most advanced pharmaceutical labs.
- Adapting to a software-centric drug production process is the key to gathering enough high-quality data to close DI gaps in labs and plants

Centrally Manage Data and Software Intelligence

The next frontier in drug production is a single platform for scientific instruments.

For the first time, large-scale pharmaceutical manufacturers can access software intelligence inside their production environments.

The EDGMaker platform creates one UI for all instruments regardless of make or model. It is the only production use case of this technology in the world, currently deployed in Fortune 100 drug production.

The Only Software-Defined Network Architecture

The drug production process has remained relatively unchanged for decades. In this heavily regulated space, all new technologies must be FDA and GMP compliant before implementation. The addition of a software-defined architecture (SDA) for lab instruments represents a major breakthrough for technicians and managers, allowing the first completely remote and compliant digital laboratory platform.

Without an SDA to harmonize data, every make and model of scientific lab instrument creates a new data silo. An SDA for drug production allows for digital sampling and automatic data transfer across every instrument — creating competitive advantages in productivity, compliance, and hiring.

Managing instruments from a cloud interface also reduces human error and opens new opportunities to maximize lab technician talent. More importantly though, it creates the necessary conditions for an automated digital workflow.

This fully digitized lab environment has significant downstream benefits: shorter analysis and turnaround time (TAT), fewer delays in batch release and shorter holding of inventory (DIO), and a positive impact on sustainability goals from the removal of paper-based records.

www.phizzle.com

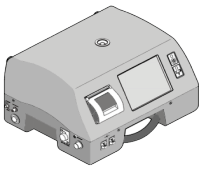
Contact us for a demo:

Phizzle, Inc.
943 Howard St. 2nd Floor
San Francisco, CA 94103
info@phizzle.com

Phizzle Software Stack Features and Benefits

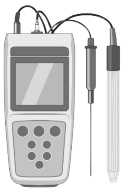
One User Interface. Many Instruments.

Our Device Agents are Certified to Harmonize Data Into Any LIMS or MES System

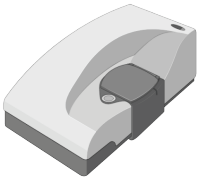


Air Particle Counters

Balance



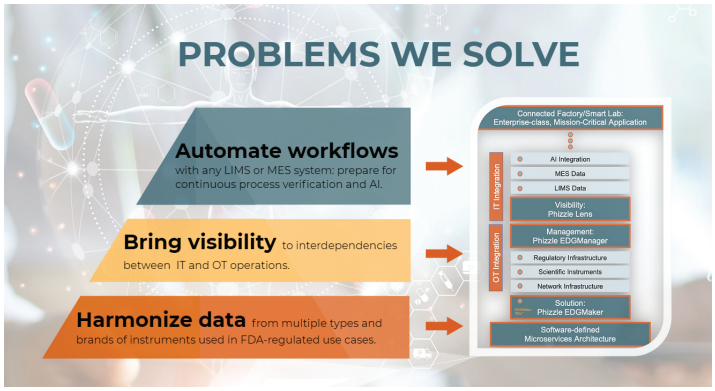
pH Meters



Zetasizers

Hot Plate Stirrers

- Centrally Manage Data
- Single UI
- Remote Operation
- Multiple Instruments
- Multiple Brands
- FDA Compliant



How We Guarantee Operational Costs Savings

- **Centrally Manage Data and Software Intelligence**
- **Remote Operations**
- **Eliminate paper**
- **Firmware updates**

Service and Support

Technical support (24/7/365)
Testing and Validation
Hypercare (Day 1) Support
Documentation

Phizzle's EDGMaker is the world's first and only scientific instrument platform to centrally manage drug production data.

Our technology is unlocking the manufacturing potential of the pharmaceutical industry by bringing data standardization, instrument automation, and FDA-compliant digital record-keeping to critical drug production.

Contact us for a demo:

Phizzle, Inc.
943 Howard St. 2nd Floor
San Francisco, CA 94103
info@phizzle.com