

Cleanetics Advancing Clean Technolog

:Phizzle

## DATA HARMONY



### **Eliminate Mistakes & Errors**

- It should be easy to harmonize data from air particle counters and other devices into your LIMS
- But it isn't creating your single biggest risk to data integrity and productivity
- That's because significant human intervention is still required to manually process data from the 100+ instruments used in biopharma manufacturing with cGMP and 21 CFR Part 11 requirements

## **The Only Software-Defined Architecture**

The key to harmonizing data is a software-defined architecture – which is fundamentally agnostic to the hardware capturing the data required to follow your GMP practices.

The hardware-centric architectures of today's instruments simply lack the flexibility needed to harmonize data.

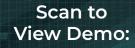
In fact, today's hardware architectures are upside-down: they aren't designed from the ground up to accommodate different instrument types from different vendors.

## **Freedom of Choice**

Biopharma manufacturers need the flexibility to support different sources of data and the freedom to pick the instruments best suited to their unique requirements.

A centerpiece of Phizzle's software-defined architecture is its Data Transformation Engine, the only in the industry that automates the process of normalizing data from multiple instruments.

The software in Phizzle's Digital Air Series is the same software used at Merck; the only production use case of a software-defined architecture in the world. Phizzle's solution is FDA-approved and is keeping the production of one of the world's most successful and important drugs safe from errors and mistakes.





#### www.phizzle.com





#### MEET THE LEADERS



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# PHIZZLE AND CLEANETICS

Validated Qualification Services Meets Software Intelligence

Any technology is only as good as the process it enables or supports – and nothing is more important than supporting the validated cGMP processes of a biopharma manufacturer.

Cleanetics is the biopharma industry leader in providing instrument qualification services to assure validated processes consistent with 21 CFR Part 11 requirements.

As Phizzle's master channel partner, Cleanetics is building the only biopharma ecosystem in the world combining qualification services and Phizzle software.

Together, Phizzle and Cleanetics are helping biopharma manufacturers close an important data integrity gap and laying the foundation for harmonized data in artificial intelligence.

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