



# Optimize manufacturing and quality decision-making

ZS Manufacturing Decision Studio



## Connect your operations with a data-driven approach

To mitigate market disruptions and remain competitive, organizations must optimize cost, quality and service. The right combination of Industry 4.0 tools and digital capabilities can improve your manufacturing operations to achieve process excellence, gain efficiency and boost the bottom line.

ZS Manufacturing Decision Studio's analytics and artificial-intelligence-enabled applications can help your organization:

- Accelerate the digitalization journey for customers through predictive insights
- Speed up product launches and improve organizational agility
- Increase throughput for manufacturing plants
- Drive cross-functional collaboration and scale business capabilities

## Creating real-world impact

**20%**

Improvement in yield, increasing production capacity with the same equipment

**30%**

Reduction in batch-to-batch variability, improving quality and customer satisfaction

**15%**

Improvement in cycle time, reducing total energy stage

**25%**

Reduction in process development (PD) time for your continuous-manufacturing APIs

Impact where it matters.®

## Key features



Data lake and analytics workbench



Semantic knowledge graph



Modular and extensible

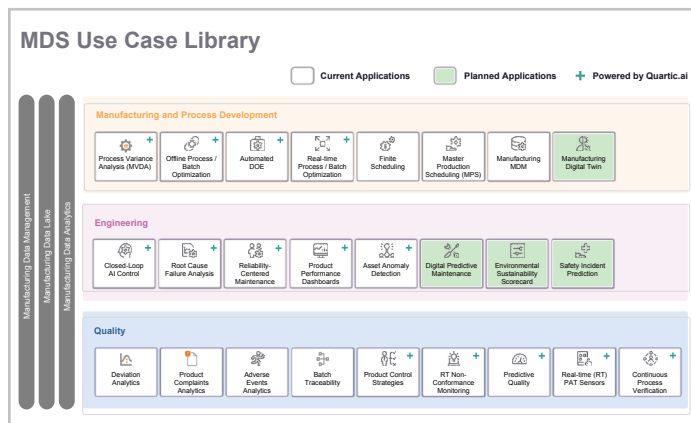


Cloud-native AI/ML apps

## Our technology

ZS Manufacturing Decision Studio, our unique smart analytics solution enables leaders to accelerate decision-making, enhance the bottom line and optimize manufacturing processes.

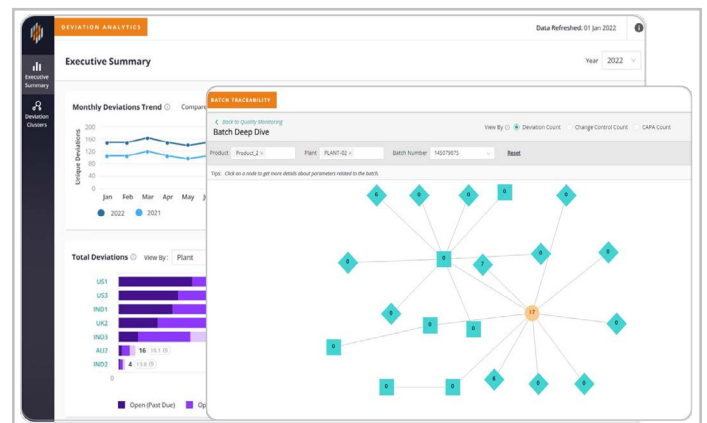
### Manufacturing Decision Studio offerings



\*Illustrative solutions

- Unified data model with data quality and metadata management abilities
- Cloud agnostic framework enabling data cataloging and standardization
- Applications to support manufacturing, engineering and quality use cases and analytics needs

### Packaged applications and accelerators



- Domain-centric ontologies linking multiple enterprise entities
- Graph analytics with custom built algorithms
- Conceptualized data fabric powered by knowledge graph

Contact us to learn more: [zs.com/contact-us](https://zs.com/contact-us)

## About ZS

ZS is a management consulting and technology firm focused on transforming global healthcare and beyond. We leverage our leading-edge analytics, plus the power of data, science and products, to help our clients make more intelligent decisions, deliver innovative solutions and improve outcomes for all. Founded in 1983, ZS has more than 12,000 employees in 35 offices worldwide.

