

Five strategic shifts reshaping quality management

Insights from Nucleus Research

Choosing a quality management system means assessing how it will serve your teams today and how readily it can adapt. These five market shifts highlight the questions worth asking before your next investment.[1]

Compliance repository

Connected quality platform

One continuous quality record connects product, supplier, manufacturing and regulatory processes in place of disconnected evidence.

Retrospective quality

Earlier intervention

The greatest economic value comes from preventing issues before they become complaints, corrective and preventive actions (CAPAs) or nonconformances.

Periodic risk assessments

Connected risk intelligence

Risk moves out of standalone assessments and into supplier, product and quality workflows as a live attribute rather than a static score.

AI assistant

Governed agentic workflows

Governance, approvals, provenance and auditability matter more than artificial intelligence (AI) availability alone.

Implementation cost

Total cost of change

Adaptability, upgrades, validation and process evolution become strategic buying criteria.

Business outcomes

Better traceability | **Lower quality costs** | **Faster decisions** | **Higher productivity** | **Faster adaptation**



"The A in AI is not for accountable, it is for artificial."

– Quality leader, biopharmaceutical organization, interviewed by Nucleus Research.[2]



Three market signals to watch[1]

- Connected quality becomes the new system of record
- AI governance matters more than AI presence
- Earlier intervention creates economic value

Why organizations choose TrackWise Digital from Honeywell Technologies

Quality teams need connected processes that work across sites. TrackWise Digital brings those processes together, with flexibility for how different teams operate.

Connected quality processes
Bring complaints, investigations and corrective actions together so teams can follow related records.

Risk within quality workflows
Support risk management alongside core quality processes.[1]

Quality connected to manufacturing
Extend quality into manufacturing processes and connect with enterprise systems.[1]

AI with human oversight
Help teams assign complaint categories and subcategories with AI recommendations they review before accepting.

Consistency across sites
Support standardized processes while allowing for local requirements.



Sources:
1. *Honeywell Technologies. "Nucleus 2026 Value Matrix | QMS Insights | Compete." 2026, pp. 6-7, 10, 14, 19. [Accessed October 23, 2026]*
2. *Modjeski, Marisa. "Anatomy of a Decision: Honeywell Technologies TrackWise Digital." Nucleus Research. September 2026, pp 3-6. [Accessed October 23, 2026]*

See why life sciences organizations chose TrackWise Digital

Download the research

Nucleus Research named Honeywell Technologies a Leader in its 2026 QMS Technology Value Matrix.[2]

About 8,500 employees
Use TrackWise Digital at one global biopharmaceutical organization.[2]

Honeywell Technologies