

The drive toward Operational Efficiency

Accelerate Operational Excellence with improved efficiency

Operational Efficiency breaks down silos and promotes sustainable growth through:



Situational awareness

A real-time view into operations, leading to improvements in safety, efficiency, and overall effectiveness.



Reducing waste

Discover value leaks and continuously improve your operations with visibility into key performance indicators, through benchmarking and by standardizing best practices.



Prioritizing assets

Prioritizing assets based on business risk, to drive smarter preventative maintenance, and find the optimal mix of maintenance types.

What's at stake? Billions.



Poor operational decision making compromises >3% (\$554 billion) of profits annually.¹



Average impact of unplanned downtime in the process industries alone is \$20 billion.²



67% of manufacturers cite skilled worker shortages as a top challenge.³

Improvements emerge from:

Connected infrastructure

36.8 billion estimated Industrial Internet of Things (IIoT) connections by 2025.⁴

The underlying technologies of Information Technology (IT) and Operational Technology (OT) – including software and hardware platforms – are converging.



Digital transformation

Technology trends driving digital transformation

- Mobile and remote work
- Edge and cloud computing
- AI/ML and advanced data analytics

Digital transformation goes beyond incremental and continuous improvement efforts. Transformation encourages collaboration, breaks down silos, and empowers every individual to drive the organization forward.

Three steps to drive Operational Excellence



Automate and standardize at scale



Augment human intelligence with machine intelligence



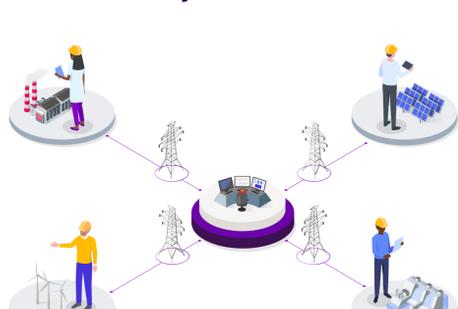
Drive data driven decisions at all levels

Results of Operational Efficiency

Empowerment of connected workers to identify opportunities for improvement

Improved productivity and sustainability with tools to eliminate waste.

Increased asset utilization by assigning the proper amount of maintenance.



Success story: Henkel

Henkel, a global leader in consumer goods and industrial chemicals, is also a pioneer in sustainability, with commitments to economic and climate-positive goals. Working with AVEVA, the Laundry & Home Care division of Henkel deployed a digital backbone to capture a "single source of truth" to help manage its sustainability and overall equipment effectiveness (OEE) performance.

- Energy cost savings to date have topped €37 million⁵
- Elimination of all incorrect labeling resulting in 100% label quality⁵
- Improvements of 15% in OEE after just two years⁵

AVEVA: Delivering sustainable business value for over 50 years



100,000+

sites in 130 countries



16,000+

customers



4,200+

partners



5,700+

certified developers

AVEVA offers solutions that can help you improve situational awareness, reduce waste, and prioritize assets, on your journey to operational efficiency and operations excellence.

[Learn more about Operational Efficiency](#)



Sources

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2. "Reducing Unplanned Downtime and Helping Future-proof Automation System Assets," ARC Advisory Group, 2016, <<https://www.arcweb.com/blog/reducing-unplanned-downtime-and-helping-future-proof-automation-system-assets>>
3. "2020 1st Quarter Manufacturers' Outlook Survey," National Association of Manufacturers, 2020 <<https://www.nam.org/2020-1st-quarter-manufacturers-outlook-survey>>
4. "Industrial IoT connections to reach 37 billion by 2025", Computer Weekly, 2020, <<https://www.computerweekly.com/news/252491495/Industrial-IoT-connections-to-reach-37-billion-by-2025>>
5. "AVEVA Success Story: Henkel", <<https://www.aveva.com/en/perspectives/success-stories/henkel>>