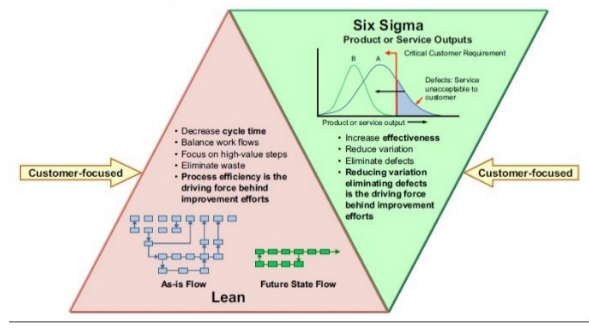
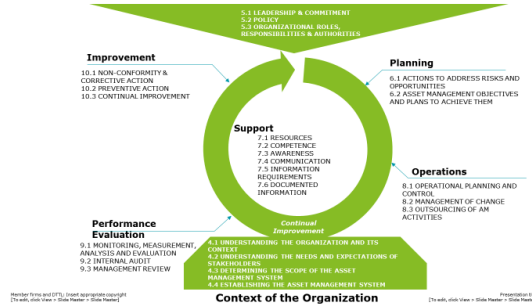


Why Operations 360?

By Max Efimov, Deloitte

While the use of continuous improvements or operational excellence frameworks is not a new concept, Industry 4.0 has provided a renewed focus for the organization to establish or revamp them.

The Framework (ISO 55001)



Today, most organizations employ a subset or combination of either ISO 55001 or Lean Six Sigma to drive continuous improvement or standardize the conduct of operations. While both frameworks provide a robust set of methodologies, we believe neither is comprehensive enough to address the emerging challenges of the gig-economy, decarbonization, IT/OT convergence, and the future of the modern workforce.

To address these and future challenges, Deloitte has developed a proprietary framework for Industry 4.0, that we called Operations 360.



As part of the development of the Operations 360, Deloitte has examined the leading practices from a set of ISO standards, process improvements from Lean Six Sigma, as well as all emerging market trends available on Deloitte Insights combining the best of today for future Digitally-enabled business of tomorrow. There are six principle advantages an organization can yield by adopting Operations 360.

1. Provide a systematic framework to enable Industry 4.0 and data-driven Intelligent Enterprise by linking people, assets, IT, risk, and cybersecurity and continuous improvement across the entire lifecycle of an enterprise.
2. Because Operations 360 is Digitally native, we believe it will help organizations to focus and maximize business transformation benefits and ensure continuous improvement on day one and into the future.

3. By focusing on IT/OT convergence and incorporating the Profitability dimension, Operations 360 assures predictable asset reliability strategy across business functions and technology enablers.
4. Help your organization reducing implementation costs and adoption time by operationalizing the best of the ISO standards (ISO 14224, 55001, 31000, 33000, and 18101) and aligning your organization to the core mission and guiding principles.
5. Recognizing technology maturity pace and enabling the effective management and development of the competencies and skills needed across the technical and engineering workforce.
6. Lastly, enabling data-driven and systematic decision making understanding the safety, operational priority, and total costs and stakeholders across the asset/organization lifecycle.

To learn more, please contact Deloitte's Asset Ecosystem Team.