

For decades our industry has expanded production by building new capacity. In today's economy of reduced capital projects, investments have shifted to improving operations as companies are pressured to get more out of existing assets.

A common question I hear from executives is "where should I focus my investment? Safety, reliability, or production efficiency?" The answer is all of them, as well as reducing energy use and emissions. While this can seem overwhelming, the good news is that one area affects all the others. Focusing on reliability as a business strategy, can improve safety, production efficiency, and emissions.

technology and engineering-based approach designed to help process companies achieve top performance and recover some of the \$1 trillion in unnecessary operational losses annually.

Reliability is the quickest, most proven path to Top Quartile Performance. And following that path is getting easier with today's IIoT technologies. It starts by making your plant smarter with more real time data about the health of critical assets through Pervasive Sensing™.

Add to that the secure transfer of that data to smart application software, like the AMS ARES™ platform and

**Jim Nyquist**  
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The demand for increased asset productivity has never been higher. ***And improved reliability is a Trifecta! Improve uptime, improve safety, while reducing maintenance cost.*** Emerson's Plantweb technologies and reliability consulting are helping customers realize millions of dollars in bottom-line savings by focusing on reliability.

**It's time for a change.  
It's time for Operational Certainty.**

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Our research and experience show that in certain industries, Top Quartile Companies achieve 15 days more plant availability per year and have two-thirds fewer safety incidents than average performing operators. And while you'd think they spend more on maintenance, they actually spend 50% less than average performers.

Industry benchmark data proves that Top Quartile Reliability operations are safer, have fewer emissions, and produce more than their peers. For that reason, Reliability is a pillar of Operational Certainty, our

Plantweb™ Health Advisor that provide new and amazing insights about the health of your plant equipment, enabling better condition-based maintenance decisions that increase operational availability.

Next, cloud-based Connected Services can offer the opportunity to augment your on-site reliability teams with industry expertise, overcoming skill gaps you may have. And finally reliability consultants help optimize maintenance strategies to significantly reduce costs and promote efficient operations.



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