

OPERATIONAL TWIN



With the magnitude of the retiring workforce and the anticipated shortage of new-generation workers entering the process industry, it is vital that companies provide workers a better way of working.

An Operational Twin is a critical piece to improving and maintaining employee satisfaction, giving you a competitive advantage and, therefore, keeping your plant fully staffed and running optimally with the top workforce in the industry.

Most owner operators struggle with managing their data, which fosters a frustrating workplace. It is not uncommon for plants to have more than 25 various silos of inconsistent, incomplete and often incorrect information that workers must routinely rummage through to find information they need to be able to make decisions. This is time consuming and not only affects productivity, but it also increases risk for the plant.

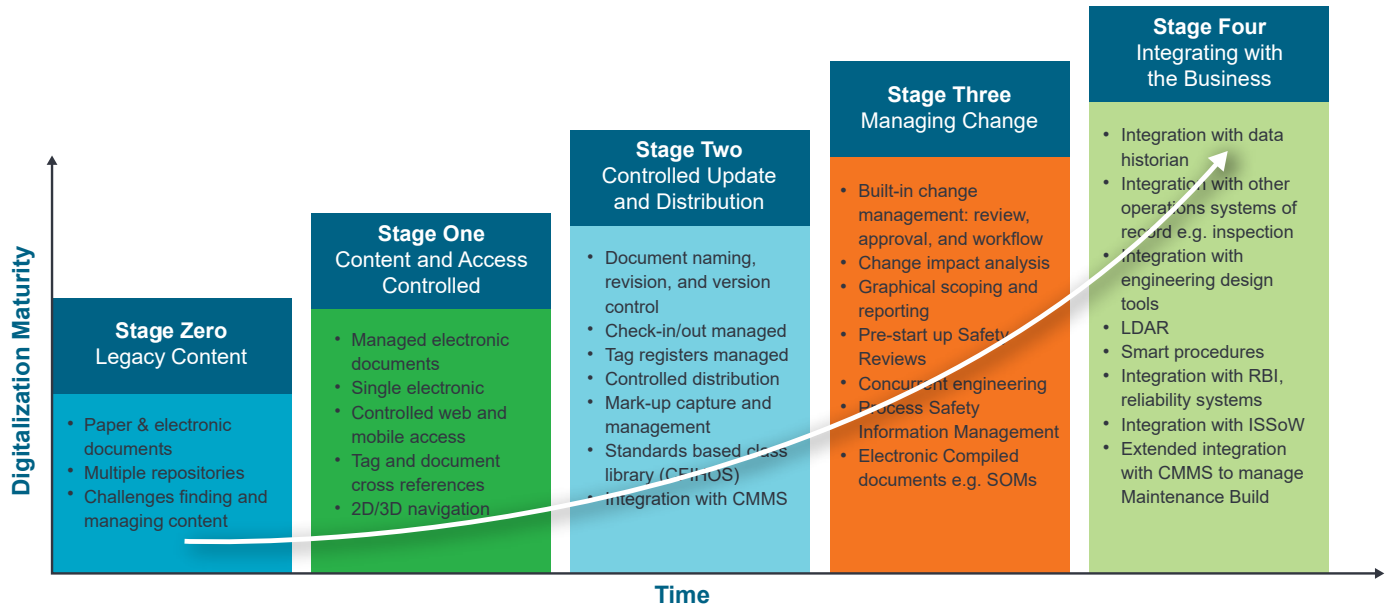
Operational data must be up-to-date, accessible ... and just as importantly ... trusted by the people who need it. An Operational Twin brings together the plant's as-is,

transactional and time-series data that is relevant to operations to enable better, faster decision making. When your workers have the data they need and trust, operations will become more predictable.

Most assume it requires a detailed, accurate 3D model that many plants do not have today; however, it is likely you have many elements needed for an Operational Twin such as P&IDs, control data, maintenance history, inspection data and control data. These can be augmented at low cost with laser scans to provide reliable, accurate "as is" geometry of a facility. The Operational Twin consists of this data, but the data is managed, organized, trusted, and accessible. Eliminate the need for workers to spend endless hours retrieving information that's siloed in dozens of disconnected places.

An **Operational Twin** is a critical piece to **improving and maintaining employee satisfaction**, giving you a **competitive advantage** and therefore, keeping your plant **fully staffed** and running **optimally and safely**.

Digitalization Maturity Curve



Give them intelligent data that is accessed from one common, time-saving Operational Twin through a common web client, anywhere, anytime and on any device.

Hexagon PPM can help you start your journey up the Operational Twin maturity curve to get you where you want to be.

An Operational Twin for your plant will eliminate unnecessary trips to the field, mitigate risks quickly and reduce the time spent tracking down information from the 25 or more silos of

information (Number of silos of information based on data provided by customers). Enable your employees to make better decisions, spend more time on ensuring safe, predictable operations and less time on frustrating information searches. This will improve your bottom line and create a happier workplace.

Danny van der Krogt at Wintershall, a Hexagon PPM client, stated, "It's more than a few hundred thousand euros per year that you can save" in efficiencies gained from an Operational Twin.



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Danny van der Krogt, Wintershall

ABOUT HEXAGON

Hexagon is a global leader in digital solutions that create Autonomous Connected Ecosystems (ACE). Our industry-specific solutions create smart digital realities that improve productivity and quality across manufacturing, infrastructure, safety and mobility applications.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at hexagon.com and follow us @HexagonAB.