

Digital Twins – The Hexagon approach

Adrian Park, Vice President

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How do we define the Digital Twin?



Real-time on demand access to data across the the IT-landscape

Facility Configuration

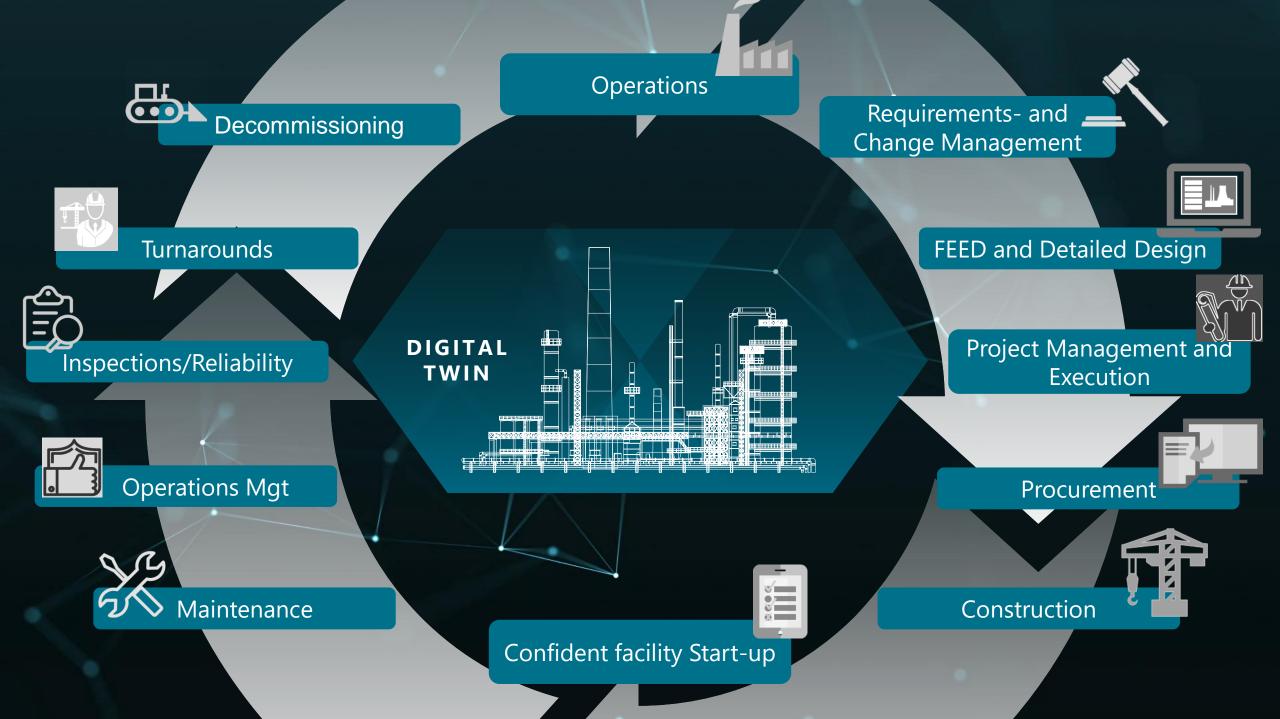
DIGITAL TWIN Transactional Data

Realtime data

Geospatial data

Process Simulation

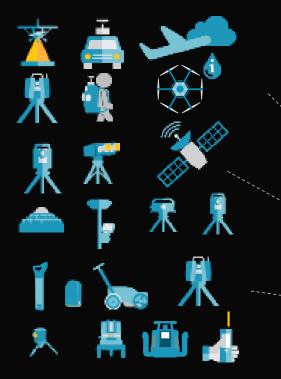
Time series data



Hexagon Digital Twin

Leveraging sensors, software and technologies across Hexagon and Partners

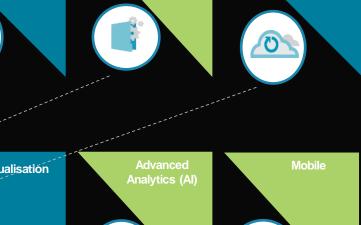
Hexagon Sensors



Solutions Edge Enterprise **Historians** Integration ERP €⇒ Geospatial ALIM **Design Tools** Visualisatión

Digital Twin

Hexagon Xalt Technologies





Cloud

Hexagon's Digital Twin Solution

Agnostic

Utilize and exchange data with other formats and systems. Creates a common operating picture for Projects and Operations.

Data-Centric

User experience is heightened from data-driven navigation in the Digital Twin. Explore 360 degrees view, finding what you need when you need it.

Capture & Consolidate

Not 100% digital? No problem Content extractor capabilities enable moving documents to data as part of building and managing a digital twin.

Reporting

Instant reporting allows you to see data immediately, instead of waiting for a report to run and then downloading the file for offline viewing.

As Built & Project

Maintain As-Built Digital Twin while building the next Project. Seamlessly feed the As-Built to the Project, collaborate and receive it back for approval.

Automated Processes

Robust workflow engine underpins predefined processes such as Document Management, and MoC and synchronization with systems e.g. SAP

Visualization

Advanced and powerful technology for creating gaming like visuals to communicate to users with speed.

Mobility

Access Digital Twin information anywhere, anytime even without network coverage. Sync markups when you return to the office.

Auditable Traceability

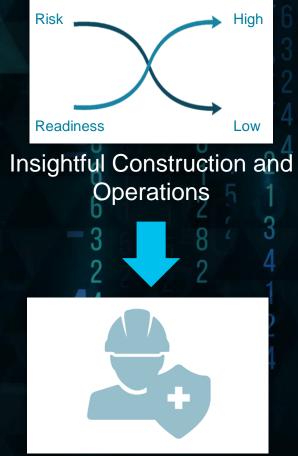
Everything is documented. What users are doing and when Go back in time to see what the digital twin consisted of on a specific date.



Situational Awareness

Engineering Data Real-time Data Geospatial Data

Analysis



Efficient support + Safer Workplace





Thank you !

Hexagon is a global leader in digital solutions that improve productivity and quality for manufacturing, infrastructure, safety and mobility applications. We create Smart Digital Realities[™] that empower the future of autonomy across production and urban ecosystems.

