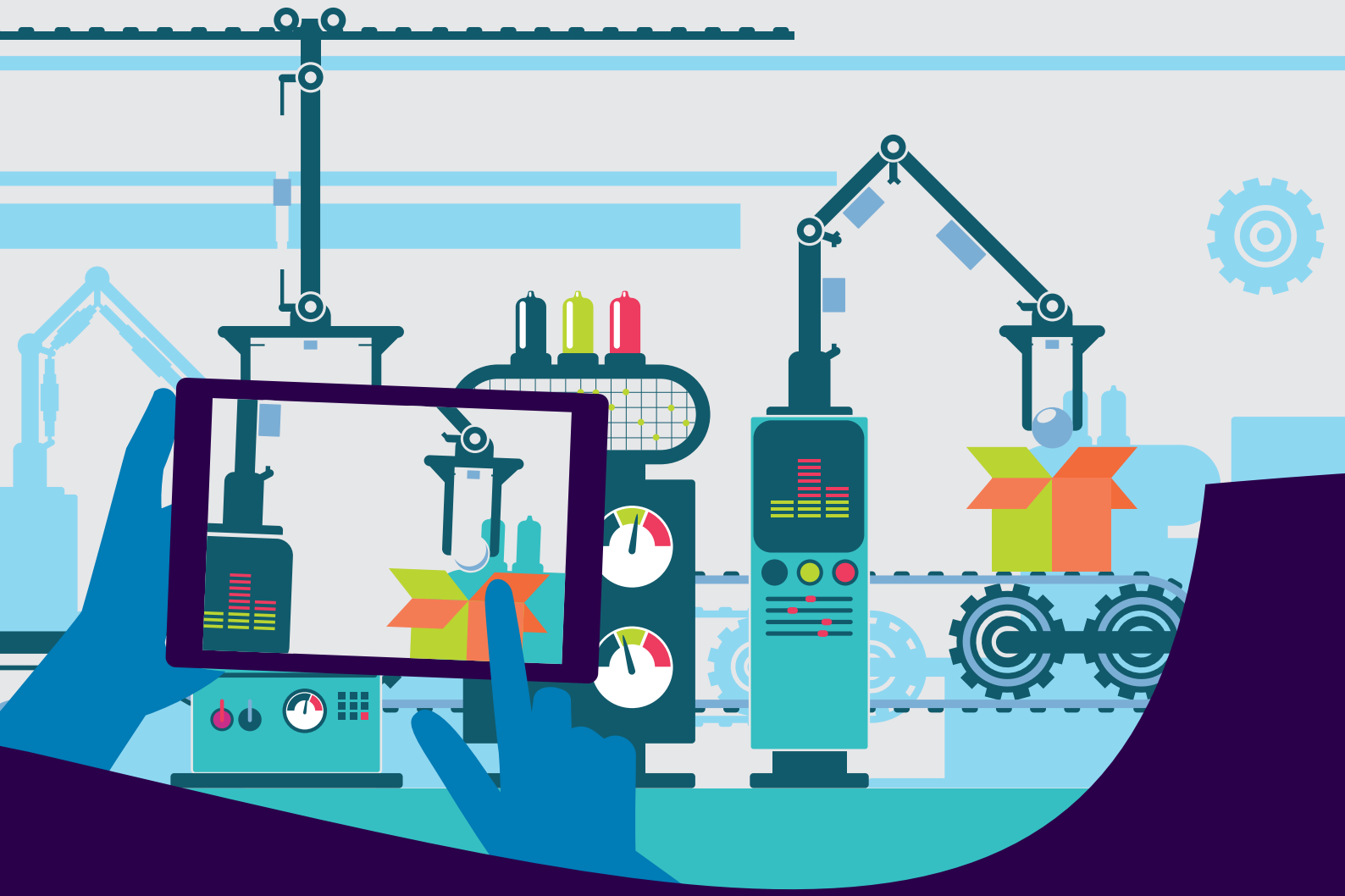

Digital Thread and Digital Twin (DT^2): Providing Product Lifecycle Intelligence

What is Capgemini's DT^2?

Capgemini's DT^2 is a consulting offering designed to provide a framework that digitally maps the manufacturing value chain of companies dealing with industrial equipment.

Digital Thread is a communication framework that connects a manufacturing company's value chain together. It integrates design, manufacturing, operations, quality and service into a seamless flow allowing program managers to have real time information about the product and service lifecycles on the go.

Digital Twin is a digital representation with the exact similar properties of its corresponding physical asset. It is a tool that enables historical, real time and futuristic analysis of the performance of the asset throughout its lifecycle by simulating its actual physical conditions.

What can Capgemini's DT^2 do for your business?

Capgemini's DT^2 is among the leading IoT, Cloud and Big Data Analytics offerings in the market today. It aims to provide businesses real time and comprehensive visibility of their physical assets at all times. It keeps track of every change in design or any addition of a feature and its impact on the final output.

DT^2 draws a detailed vision plan for all the assets of an organization through inputs from

- Workshops that our team conducts
- Maturity assessments
- Developments across stages and industry best practices benchmarking

This is followed by charting a roadmap for implementation and defining the data and governance strategy. The framework provides you an effective business blueprint that you can use to track the assets for their future performance as well.

How can your business benefit from DT^2?

Capgemini's DT^2 enhances the capability of a business from being just product-oriented to service-oriented. It facilitates implementation of the solution through connected devices, thereby enhancing operational efficiency. The significant amount of data generated throughout the lifecycle of an asset can be used to enhance performance, reliability and quality.

- ✓ Predict anomalies & performance deficiencies
- ✓ Validate quality parameters
- ✓ Real time refinement of design
- ✓ Optimize operability & manufacturability

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People matter, results count.