Empower your organization to augment safety, consistency, and profitability by virtual representation of your processes with the Infosys offering on Azure Digital Twins

**OFFERING OVERVIEW**

Azure Digital Twin enables organizations to create virtual/digital representation of physical world, processes, products, places and people. As organizations embark on using this across various functions and processes, we at Infosys, have created a consulting framework - ‘PREDICT’ that can assist Enterprises in their journey to make Digital Twins a reality.

- Digital representation of real world with a virtual twin that models the connection between persons, location and instruments.
- User pre-created and extensible Twin Object Models (DTDL) to build twin solutions for your industry.
- Automate measures with custom built features to send events or notifications to webhooks based on incoming telemetry.
- Securely replicate solutions across multiple tenants through built-in multi- and nested-tenancy.
**ART OF POSSIBLE ON AZURE DIGITAL TWIN WITH INFOSYS OFFERING**

**Power-generation equipment**
Draw benefits from Digital Twins of large engines and power-generation specially to establish timeframes for regular maintenance.

**Structures and their system**
Twin can be used to emulate structure and behavior of large buildings with various IoT devices to improve its operation and saving energy cost.

**Healthcare Services**
A digital twin of a patient with vital health information, medicine, patient history, therapy etc. can help create better treatment plans for patients.

**Power-generation equipment**
You can use digital twin to replicate instruments or appliances manufacturing life-cycle from design inception to finished product and everything else that you need.

**Power-generation equipment**
Twins can be used in vehicle design during design phase and to simulate & test vehicle’s performance at the time of development to increase their efficiency.

**Urban Planning**
With Digital Twin, engineers and urban planners can virtually design and build new cities and simulate various scenarios before actual construction & monitor various parameters including traffic, pattern of energy consumption & emissions.

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**For more information, contact askus@infosys.com**

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