Infosys cobalt INFOSYS SERVICE OFFERINGS ON AZURE DIGITAL TWINS

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 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

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.
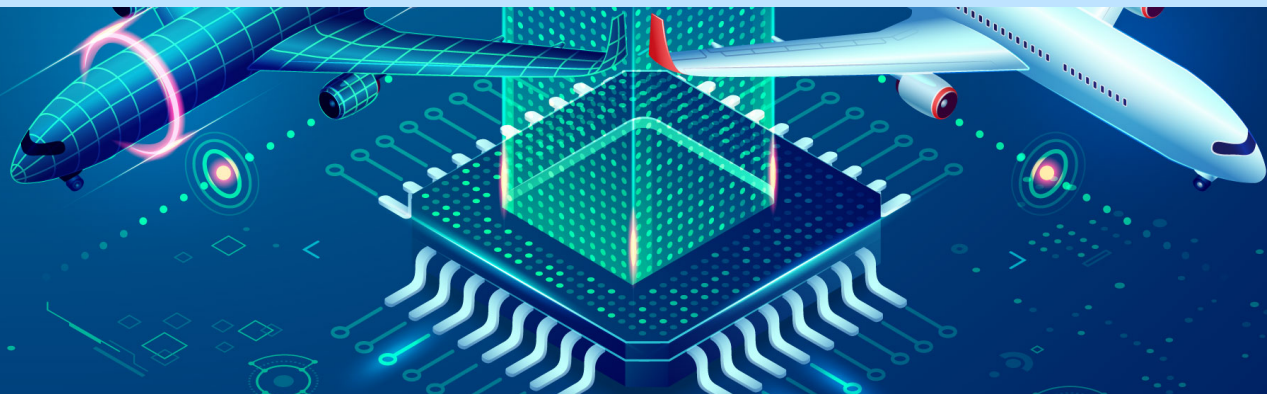
Urban Planning

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.

Power-generation equipment

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

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.

Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 35,000 cloud assets, over 300 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered

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