

# Infosys cobalt INFOSYS DRUG 360 SOLUTION | | | | | | | | | | | | | | |



Drug 360 is a preconfigured, end-to-end reference solution, tailor-made for Pharmaceutical and Contract research Organizations for the design and development of drugs. The solution has built-in extensible end-to-end business processes for defining the Quality Target Product Profile, Critical Quality Attributes(CQA), Critical material Attributes(CMA) and Critical Process Parameters(CPP) based on Quality by Design approach (QbD) and proven best practices to bring in efficiencies and achieve greater business value with Microsoft Business Applications.

The Drug 360 Solution offers solution components for efficient design and development of drugs with preconfigured attributes and business process flows to ensure quality and regulatory compliance and to streamline drug development process



### Solution Capabilities & Business Process Breakdown



#### Product Characteristics

- Define and maintain the Product Characteristics through out drug life cycle
- Comply with regulatory requirements
- Forms the basis for SMPC



### Target Product Profile

- Define and maintain the Targeted Product Profile
- Describes the design criteria for the drug to ensure the quality, safety, and efficacy of a specific drug



## **Critical Quality Attributes**

- Define and maintain the Critical Quality Attributes
- Capture the physical, chemical, biological, or microbiological properties to ensure desired quality

Infosys Solution Offerings on Power Platform



#### Critical Material Attributes

- Define and maintain the Critical Material Attributes of raw material to produce a finished drug
- Capture the API (Active Pharmaceutical Ingredient) and excipients



### Critical Process Parameters

- Define and maintain the Critical Process parameters
- Define the acceptable variability ranges and limits for process parameters



#### Collaboration

- Define Role based access to specific information
- · Common data platform
- Unified Interface for improved collaboration
- In built business flows for substage approval process

### **Technology Stack**

Dataverse



Power Automate



**Power Apps** 



Outlook



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