



Cognizant[®] Rapid Reference Data Framework:

An Informatica[®] Reference 360 accelerator –
fast-track your reference data management
journey

Informatica and Cognizant: A winning partnership to garner client mindshare

Cognizant is a Top Premier Global SI partner of Informatica since 2005 and has won multiple Best SI and Global SI awards, Innovation awards etc. consistently over the years. Cognizant has made strategic investments in the partnership over time and leveraged the leading Informatica market products for creating plug-and-play solution accelerators for specific use cases, leveraging our deep domain and technical expertise.

As part of the **collaboration initiative with Informatica for GTM strategy**, Cognizant has developed a solution accelerator for **Informatica® Reference 360**, which enables **faster deployment of enterprise reference data management solutions** in Reference 360 platform through metadata-driven bulk processing, automation, and brings in multitude of benefits to the stakeholders.

Typical pitfalls for enterprise reference data solutions

A typical reference data management solution strives to establish a centralised, consolidated and semantically consistent, high-quality baseline of enterprise reference data. However, with the plethora of information currently available across domains, any enterprise reference data solution must account for **huge number of related objects**; also the **conventional process of UI driven configuration is time consuming and error prone**.

In addition, each of the stages, such as data preparation, loading, export, testing, documentation requires **additional tools and technologies** to be involved. It has been observed that in a typical reference data management project, a significant amount of time and effort goes into manual configuration of high number of data objects in the platform.

The process of manual configuration has an adverse effect, impacting the quality, effort and the timeline of the project.

Introducing our solution, “Cognizant® Rapid Reference Data Framework” accelerator

The **Cognizant® Rapid Reference Data Framework** is a solution accelerator for **Informatica® Reference 360** - it covers all aspects, for e.g. configuration, migration, data ingestion, all from a single, unified application, and thereby eliminating the need to perform the same using the Reference 360 user interface, which is an interactive manual process and not a feasible option while dealing with high number of objects.

The solution is a **console-based application**, where inputs are captured in simple excel based templates and it **uses Informatica® Reference 360 APIs** to perform the requested operations in batches in Informatica® Reference 360 platform.

It helps in **automating various functions** in the area of configuration, data preparation, data loading and unloading, visualization, housekeeping through various utility functions, migration of configuration as well as data across environments.



The Cognizant® Rapid Reference Data Framework is shipped as a Windows executable and can run from any Microsoft Windows based machine.

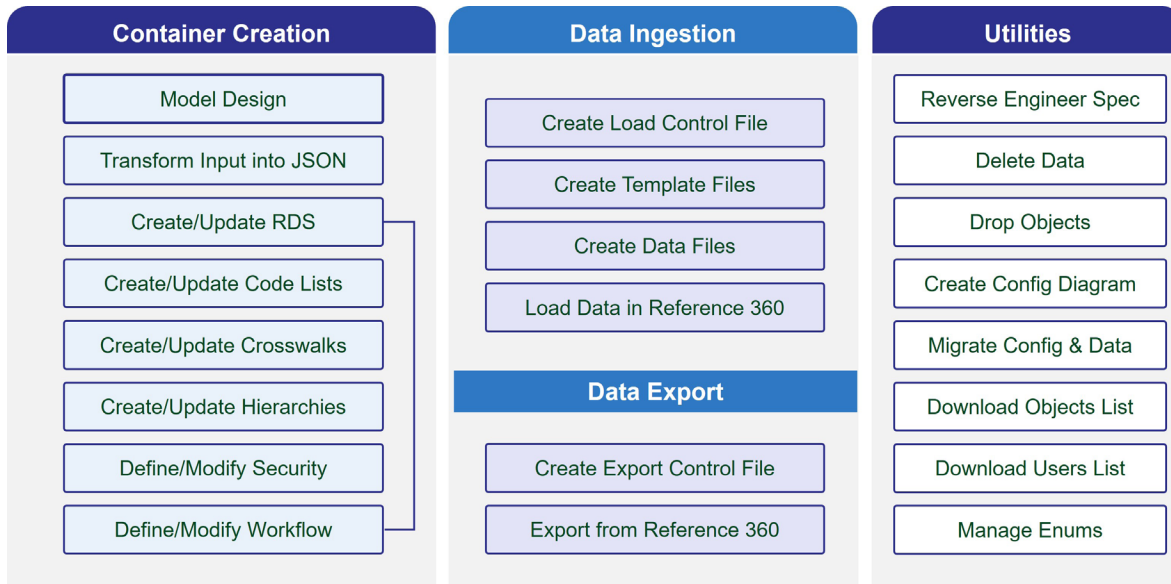


Figure 1: Solution Features

The key features of Cognizant® Rapid Reference Data Framework

The solution accelerator is driven by the **principle of automation by design**, with a **consolidated console for the developers** which can be used to manage the various use cases through **custom utility functions**. The Key features are:

- Ability to configure all aspects of Reference 360 (basic configuration, DQ rules, security, workflow) in batch and interactive mode using template driven, metadata-based approach
- Data preparation, ingestion, and data export in batches
- Migration of configuration as well as data across environments and reconciliation
- Data purging from containers, configuration roll-back (dropping of container objects)
- Generation of configuration specification via reverse engineering
- Maintenance of list of values

Solution Benefits

- Up to 60% reduction of manual efforts in configuration and maintenance of reference data assets in Informatica® Reference 360
- Improved delivery quality through elimination of the errors associated with conventional UI based configuration of the containers/objects;
- No requirement for redundant additional tools for data preparation, data loading & export
- Seamless migration of configuration and data across environments
- Significant cost savings due to faster build and deployments

Cognizant partnered with Informatica to build a foundational enterprise reference data solution for a **leading Global Insurer**. We implemented Cognizant® Rapid Reference Data Framework on Informatica Reference 360, streamlining management of 1500+ reference data sets, leading to cost savings and **faster deployment of the solution** with early value realization.

Cognizant's AI & Analytics Practice

Cognizant is a leading provider of advanced analytics and AI-driven solutions to clients worldwide. The practice aims to deliver transformational value by modernizing data foundations & unlocking value from data using AI and ML through key offerings including - Data Modernization, Artificial Intelligence, Business Intelligence, and Data & Analytics Strategy.

The practice has industry-specific expertise in Banking & Financial Services, Insurance, Retail, Consumer Goods, Travel & Hospitality, Healthcare & Life Sciences, Media, Communication and Technology, Manufacturing, Logistics, Energy & Utilities. The practice is committed to helping clients achieve business success through innovation and data-driven decision-making.

Cognizant's Data Management Offerings

Cognizant is one of the largest Master data & reference data service provider in the industry with largest number of engagements across most diverse set of Master Data Management solution providers, covering entire gamut of Industries and domains. We have continuously invested in strategic partnerships in areas of Next Gen digital technologies and Cloud solutions to address novel digital use cases for clients.



Cognizant (Nasdaq-100: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at www.cognizant.com or [@cognizant](https://twitter.com/cognizant).

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