InDB factsheet

Data Historian for Process Industries

Introduction

The most important assets of any industry are its People, Equipment and Data. However, many industries lack proper historians to store huge amounts of process data that gets generated on a daily basis. Some industries face limitations on the number of tags that can be configured on their historians and some with the amount of data that can be stored and retrieved.

Any such limitations in data storage capability limit the availability of historical data which is very critical for understanding the response and behavior of equipment and processes under various conditions.

About InDB

InDB is a time series historian based on Apache "Cassandra" and is designed to help industries retain their valuable operating data with minimal cost.

InDB features

- Connects to OPC Servers (Classic and UA), MS SQL, MS Excel
- No restriction on the number of "tags" that can be configured or on the number of simultaneous "clients" that can be used.
- Handles multiple OPC interfaces!
- Manual data input capability
- Bulk Load capability allows old data from discreet MS Excel, CSV files to be archived in the historian
- Multi node architecture of Cassandra makes 'high availability' feature available by default
- MS Excel based tag creation & modification makes it very easy to use.
- Can run on regular desktops/laptops.
- Very little software footprint. Runs as a service in the background and needs very little user intervention.
- Seamlessly interacts with our Data Analytics and Diagnostics software to detect anomalies in equipment and processes.
- Cloud connector of InDB allows data to be selectively sent to the Cloud at user specified intervals based on requirements.

InDB Typical Architecture -