

Remote Monitoring & Diagnostics

Industrial Data Analytics- Reliability & Performance

Introduction

The main requirements for Remote Monitoring and Diagnostic capability of process industries are centralized access to good quality data and powerful tools for analysis. Many industries face limitations in either or both aspects.

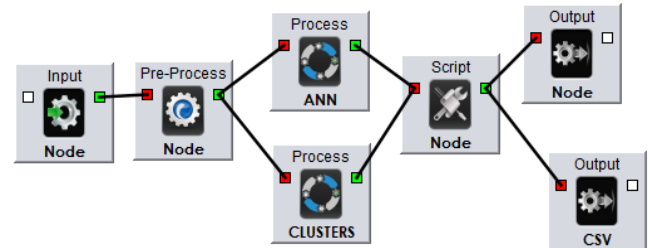
Data collection - InDB Historian

Our InDB historian captures data from any OPC data source and has the capability to store data for decades. As it is based on the Apache Cassandra architecture, more nodes can be added seamlessly based on requirement. InDB is an ideal and robust central data repository for **industries and fleet owners**.

InDB Historian

Typically saves around \$40-50k USD per site for fleet owners when compared to industry standard historians!

Data Analysis - ProcDNA



ProcDNA's hybrid architecture makes use of independent methods to analyze data and to detect anomalies in critical assets of any industry. Advance warnings given by ProcDNA help in significant reduction of forced outages.

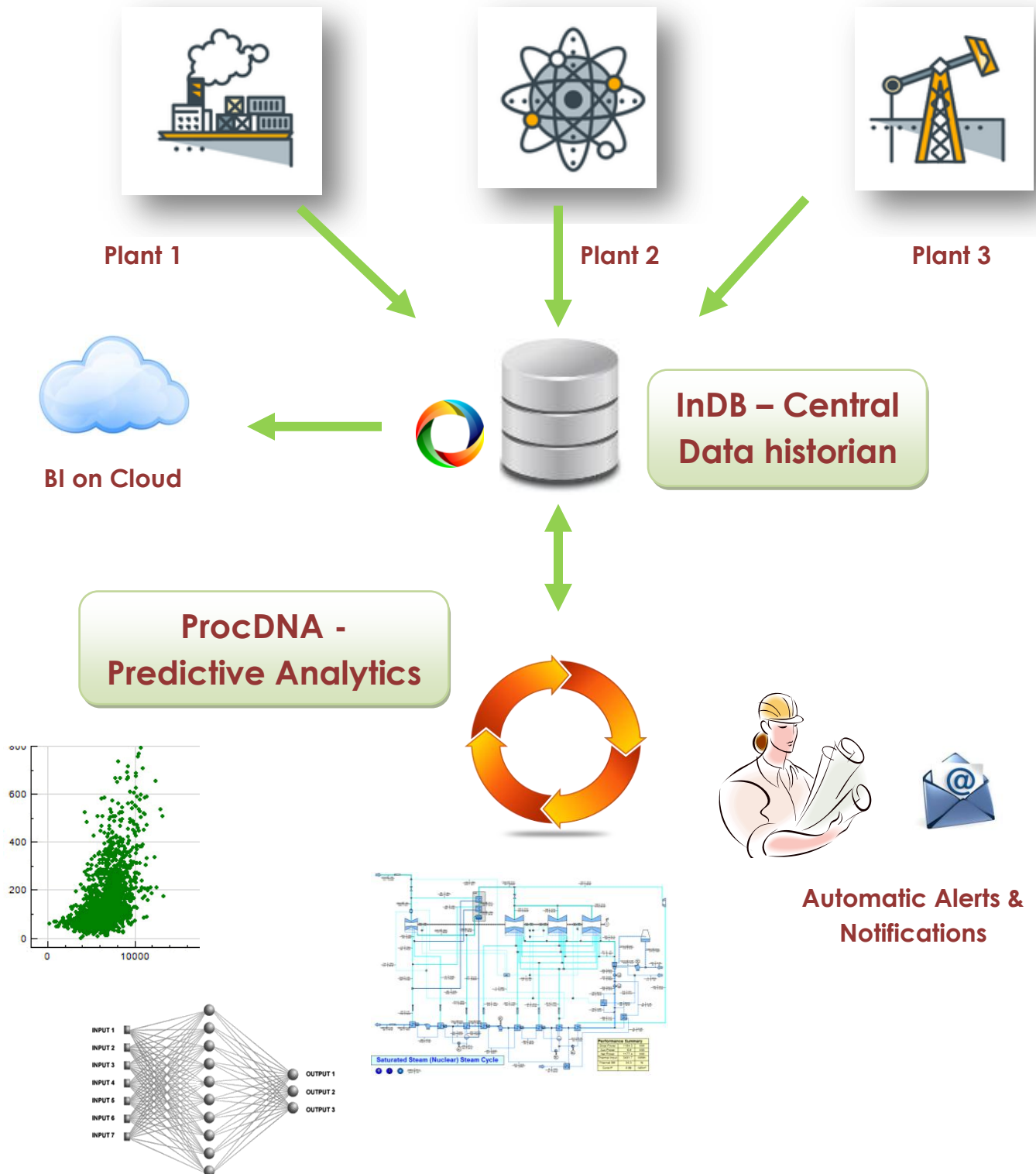
ProcDNA seamlessly interacts with our InDB historian to monitor live data on a continuous basis to identify **Equipment anomalies, Process anomalies & Sensor Anomalies** of all critical equipment!

ProcDNA uses [SimTech's](#) IPSEpro engine for thermal performance analysis.

“InDB + ProcDNA” form a very robust integrated solution for Remote Monitoring and Diagnostics of various types of industries. Central monitoring of health and reliability of critical assets becomes easy and inexpensive. Results of analysis can be exported to the cloud and can also be used to trigger notifications (email, SMS etc.) for any required maintenance actions.



Integrated solution for Remote Monitoring & Diagnostics



To know more about our software and solutions, please visit www.patsimo.com or write to us at "info@patsimo.com"

www.patsimo.com

