

boost be⁺

Manufacturing Operations Analysis Solution

BoostBe+ is an advanced factory solution that produces products tailored to customer needs. It integrates IoT, AI, and big data to enable automation and digitization, going beyond traditional factory automation.

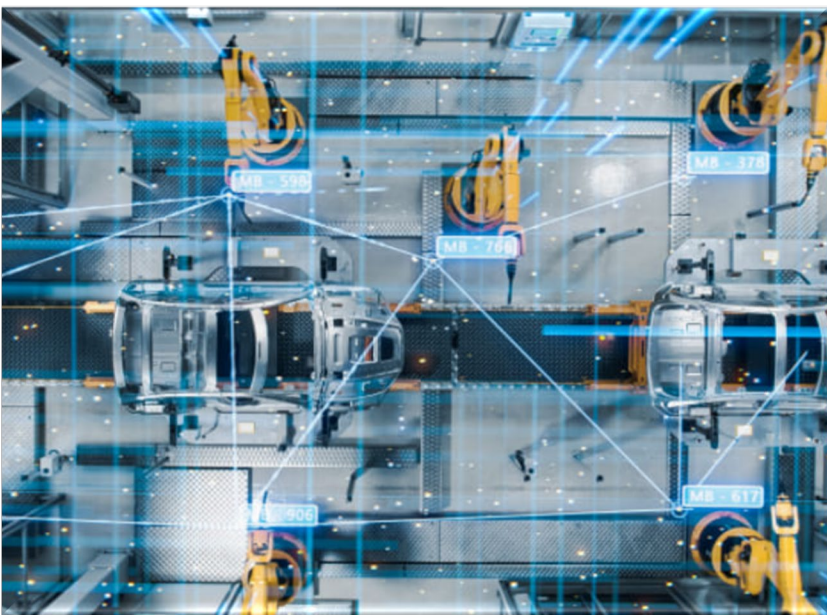
BoostBe+ features objects related to manufacturing, such as procurement, logistics, and consumers. These objects are equipped with intelligence and linked via IoT to power seamless data connection, collection, and analysis for autonomous operations.



FDC/EPT

Equipment engineering/ real-time monitoring & analysis

Field-oriented Optimized service



What does it do?

boostbe+ FDC/EPT provides engineering analysis for factory equipment.

- Improves equipment efficiency with factory equipment engineering solutions.
- Allows engineers to quickly access machine data for viewing and analysis.
- Facilitates real-time data monitoring and Summary Data Creation analysis.
- Stores RawData (CSV) and utilizes an integrated database with MyBatis (Oracle, SQL, FireBird).

Delivering robust factory-level FDC

Industry

Industrial Automation



- A Leading Provider of Total Factory Automation Solutions
- Delivering production automation services across diverse industries
- Offering a wide range of solutions and products for domestic and international markets
- Providing specialized solutions and products for the display, semiconductor, and general manufacturing industries

Minimize! Easy Working!

Good UX Validation History
Management Spec Management



Minimizing large volumes of repetitive tasks

- Synchronizes MES modeling information with reference data
- When adding or removing reference data on the web server, the collection server syncs in real-time, allowing equipment to be added or removed on the synced runtime
- Group modeling, multi-copy, and delete features minimize repetitive tasks.
- Supports bulk data upload/download with Excel
- The auto-complete feature quickly completes the user's intended search term, saving time by suggesting expected search terms generated through the automated system.

Runtime Summary Fault Detection Data Compare

- Run Time Data View
- Raw Data and Summary View (SPC, CUSUM, T2-Hotelling)
- Raw Data Fault Detection / Summary SPC Detection Raw
- Data Pattern Matching (AVG, SVR)
- Chamber & Lot Data Compare

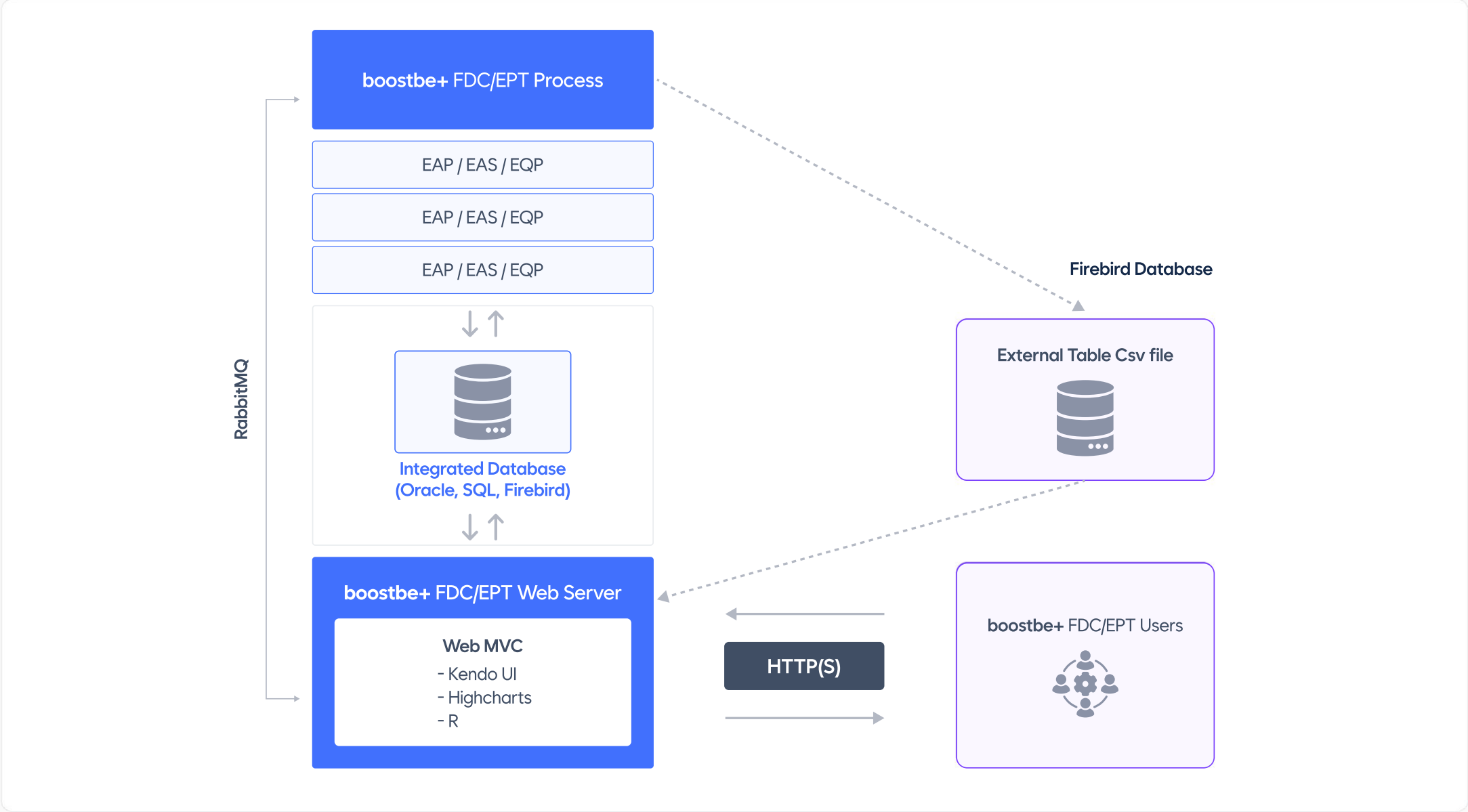
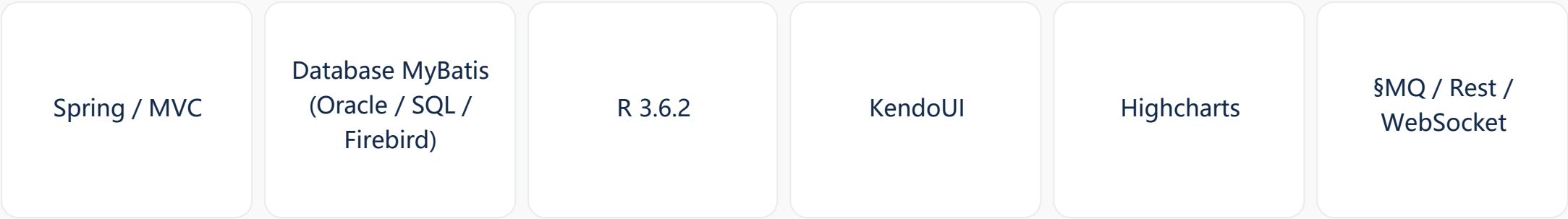
Product Configuration

Development Environment

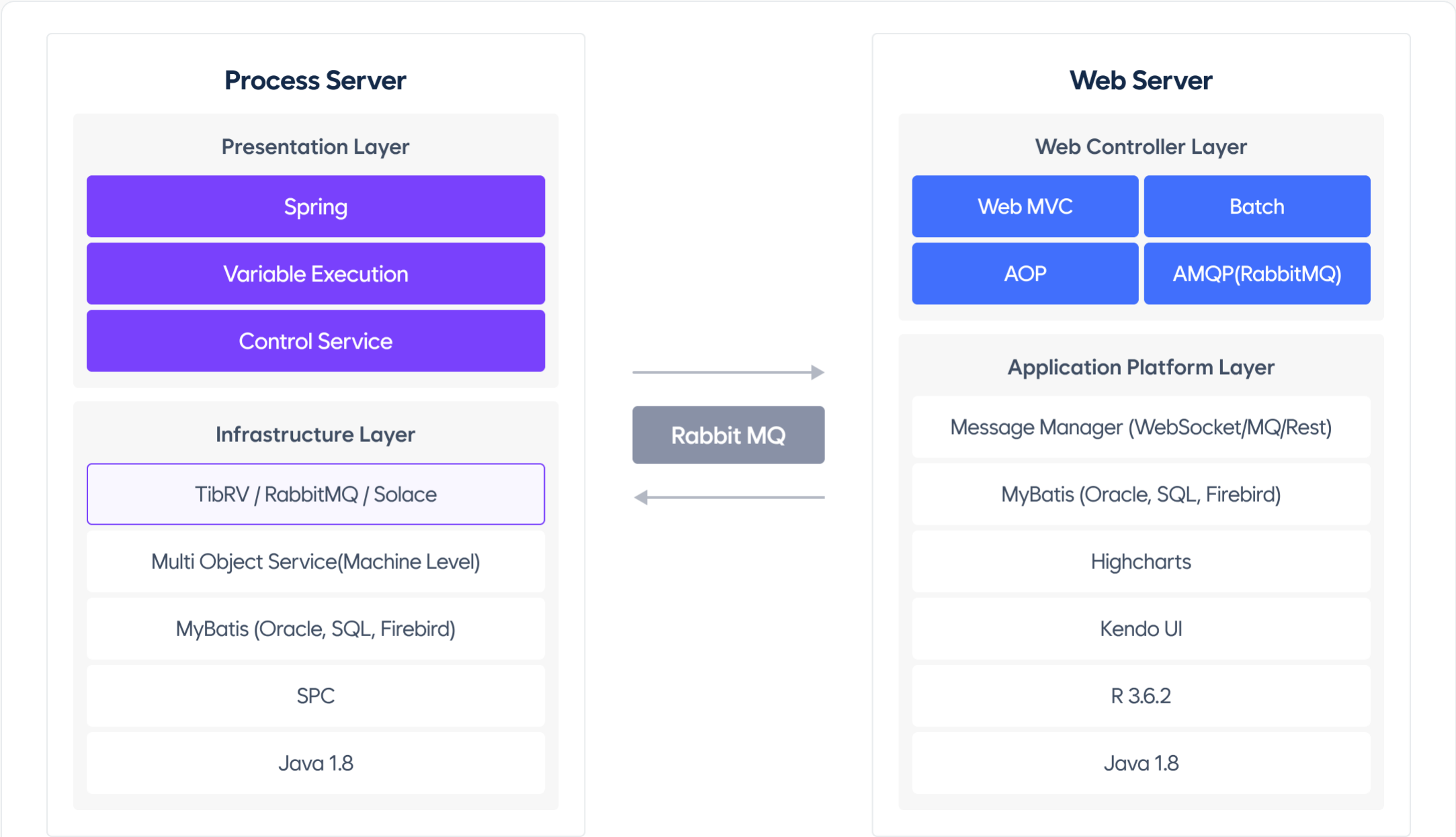
Process

Spring	Database MyBatis (Oracle/SQL/Firebird)
Tib, MQ, Solace	CSV File Data (External Table)

Web UI Framework

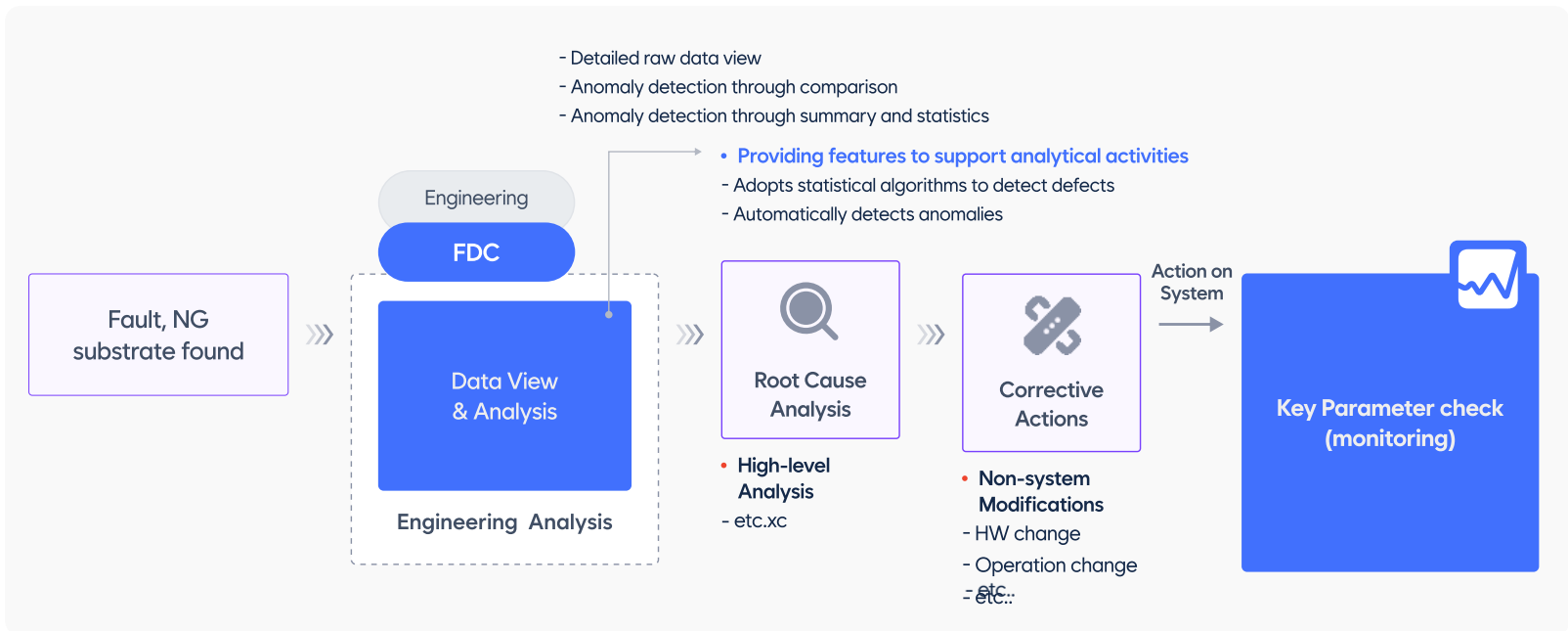


Configuration Diagram

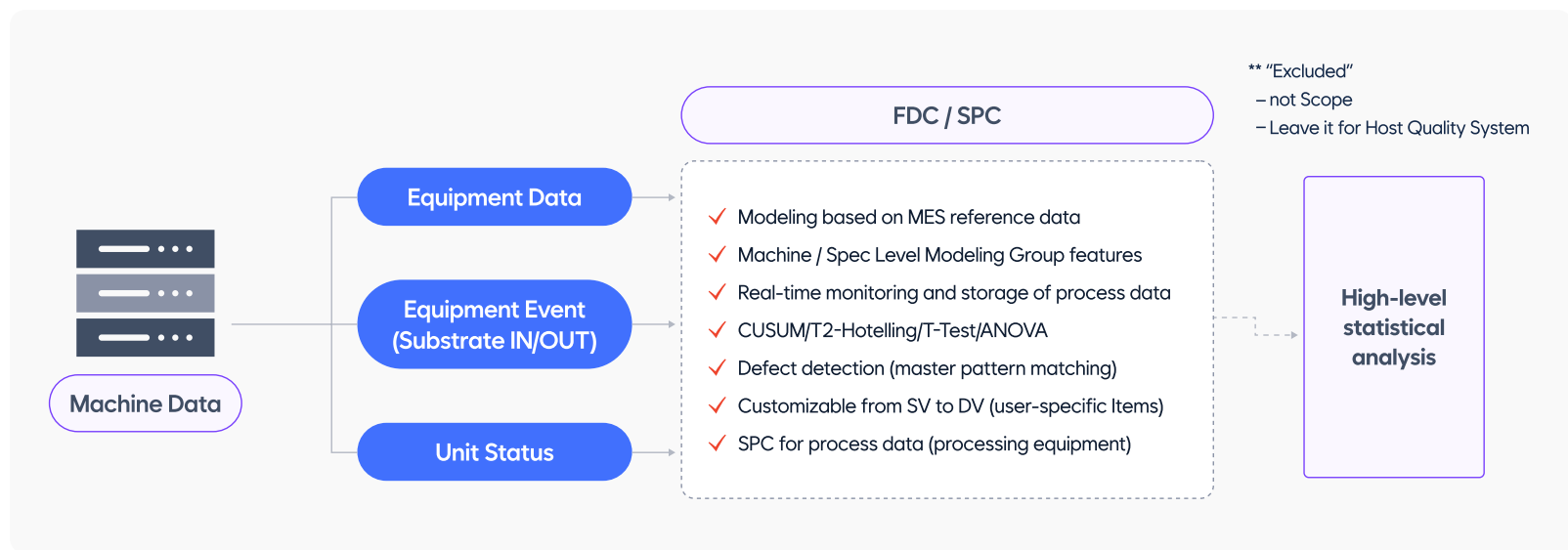


Field-oriented Optimized service

01 Equipment Data Analysis



02 Real-time data monitoring and storage & defect detection (FDC, SPC) Abnormal data reporting, including statistical analysis (normal distribution and BoxPlot data)



03 Key equipment data comparison

