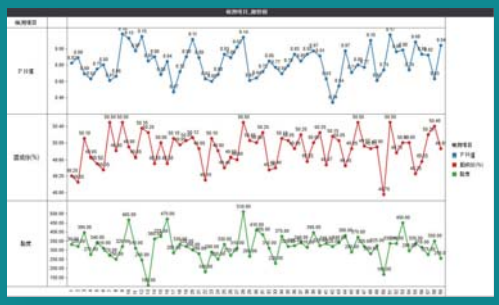
iPASP SPC

Statistical Process Control

iPASP SPC enters industry 4.0, supports a large amount of data in IIOT (Industrial Internet of Things) scenarios and high-precision detection data, assists in detecting subtle changes in quality, whether it is post-login analysis or real-time monitoring alerts, and provides a good quality output for factories. It has friendly mode of operation and visualization charts that can assist in analyzing abnormal quality potential, improve inspection efficiency as well as reduce compliance inspection.

Features

- Controls charts and interpretation rules in accordance with ISO 7870.
- Supports batch or real-time monitoring of quality inspection.
- Enhances yield and process stability, wins customer trust.
- Improves the efficiency of quality management, reduces production losses.
- Data warehouse storage can effectively improve the efficiency of big data application analysis and reduce the threshold of data integration.
- Cloud-based operation interface, not limited by time and space, can grasp the quality of the process and early improvement measures.



Manufacturing Intelligent Indicator (MII)

MII is a high-end business intelligence (BI) product based on IEC 62264 Enterprise Control System Integration. According to the system classification of different departments, more than 30 integration indexes are integrated and provided from ERP business orders, APS project scheduling, MES production backtracking, SPC quality system data, and even on-site environmental readings monitoring and energy management.

All indicators are presented as visualization chart, and the data scattered in each system is centrally imported with a standard RESTful API, which not only maintains excellent data exchange performance, but also has platform neutrality to facilitate the integration of heterogeneous systems in the manufacturing site. With the integration of iPASP MII, information can be analyzed through AI algorithms and can provide decision-making and strategic planning intelligence.