

**Management index** 

**Traceability** 

**Maintenance** 

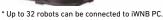
**Production information** 

**Error history** 

**Operation information** 















## **Productivity improvement**

- Availability and cycle time analysis function.
- Support improvement of availability by visualizing error status.

## **Quality improvement & Traceability enhancement**

- Accumulation and retrieval of work information and welding data.
- Improvement of reliability by establishing traceability.



## iWNB has six categories of features





Collect, record, and analyze data to solve productive issues and help customers to improve their productivity, quality and traceability. Customers can view production information on the web screen from anywhere in the world.

Management Indicators: Visualize the current status vs Key Performance Indicator.

1) Production volume and rate per hour

2) Operating time and rate per hour

3) Cycle time per hour 4) Cost of product

**Operating Status:** Show the current operation status and the operating results.

**Production Status:** Show the current production status, results and the cycle time.

Show the costs of shield gas, wire, electronic for each work piece.

Traceability: Show the list of weld programs, errors, inspection results and

weldline information in one display.

**Error History:** Show the current operation status. Display the list of short or long

time break down in production line. Displays a list for troubleshooting

of errors and alarms.

Maintenance: Indicates the load factor of 6-axis, the current of feeding motor

and send the notification.

Infer the wear of contact tip from the decrease in the output current. Displays a list of equipment maintenance history.

Contact Tip replacement

**KPI** 

**Examples** 

Actual

costs

## **Entire system configuration**







Visualized by iWNB on Web browser (Mobile devicees)

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