Process Control by "AIQ Ver. 11"
Introduction of the new version

The first step to IoT with "AIQ" powered by CAD/CAM Developer!

Smart Management of Mold/Die/Part Manufacturing



What is "AIQ"?

Ideal for entry model of IoT!

Order Management

Progress Management

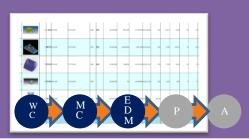


Plan Management



Activity for Industrial Quality

Result Collection





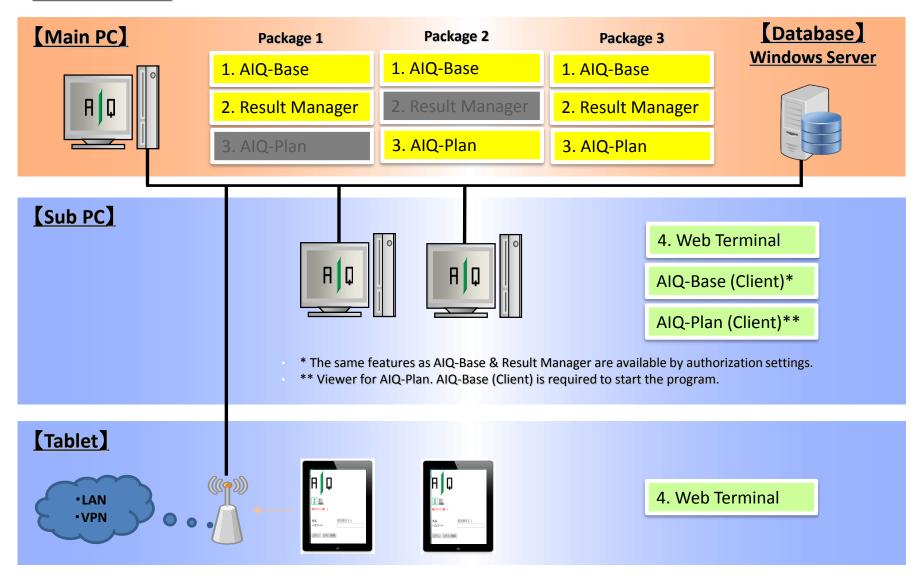


What is "AIQ"?

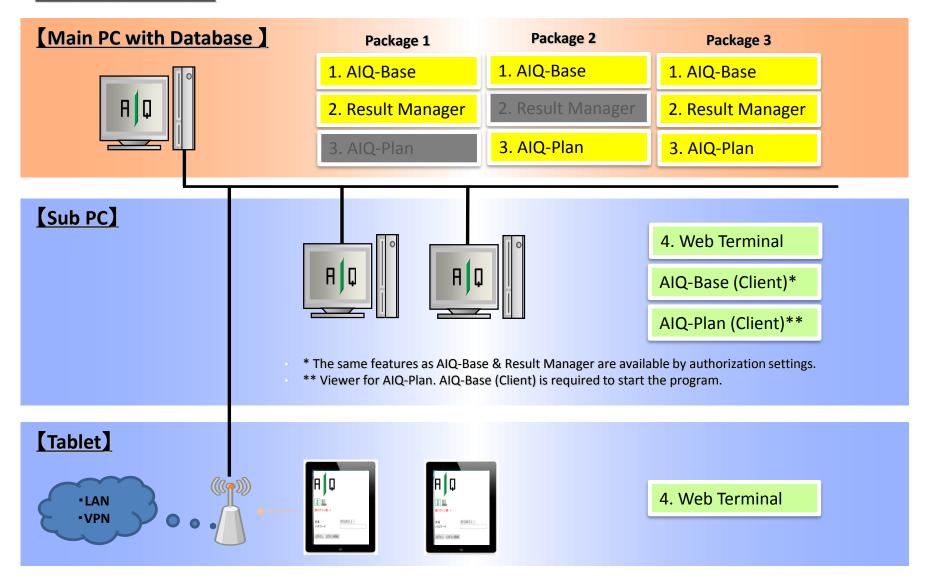
- Focus on the management of "Plan, Result and Cost" in Mold/Die/Part Manufacturing.
- Co-develop with Hitachi ULSI Systems Co., Ltd.
- Enhance every year by improving and adding new functions.



For 24-hour use

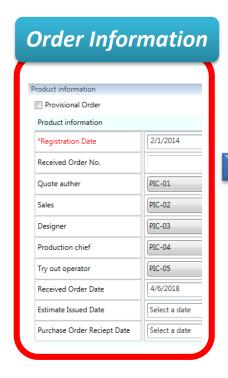


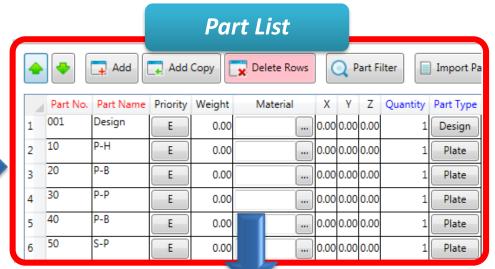
For non-24-hour use



1. AIQ-Base

Order / Part / Process Registration





♦ ♦ Add Part								
Part Information	Schedule	Result	Process1	Process2	Process3	Process4	Process5	Process6
Part No.: 001 Part Name: Design	19.00H ¥83,600		[CAD]CAD (Plan)16.00H (Result)0.00H	[CAM]CAM (Plan)3.00H (Result)0.00H				
Part No. : 10 Part Name : P-H	15.50H ¥68,200	0.00H ¥0	[SGR] (Plan)3.00H (Result)0.00H	[MILL] (Plan)4.00H (Result)0.00H	[MCBE] (Plan)0.50H (Result)0.00H	[MC] (Plan)4.00H (Result)0.00H	[FGR] (Plan)4.00H (Result)0.00H	
Part No. : 20 Part Name : P-B	19.00H ¥83,600	0.00H ¥0	[SGR] (Plan)3.00H (Result)0.00H	[MCBE] (Plan)0.50H (Result)0.00H	[MC] (Plan)4.00H (Result)0.00H	[WCBE] (Plan)0.50H (Result)0.00H	[WC] (Plan)8.00H (Result)0.00H	[FGR] (Plan)3.00H (Result)0.00H
Part No. : 30 Part Name : P-P	45.50H ¥94,600		[MCBE] (Plan)0.50H (Result)0.00H	[MC] (Plan)5.00H (Result)0.00H	[HEAT]HEAT (Plan)1.00D (Result)0.00D	[WCBE] (Plan)1.00H (Result)0.00H	[WC] (Plan)10.00H (Result)0.00H	[EDM] (Plan)5.00H (Result)0.00H

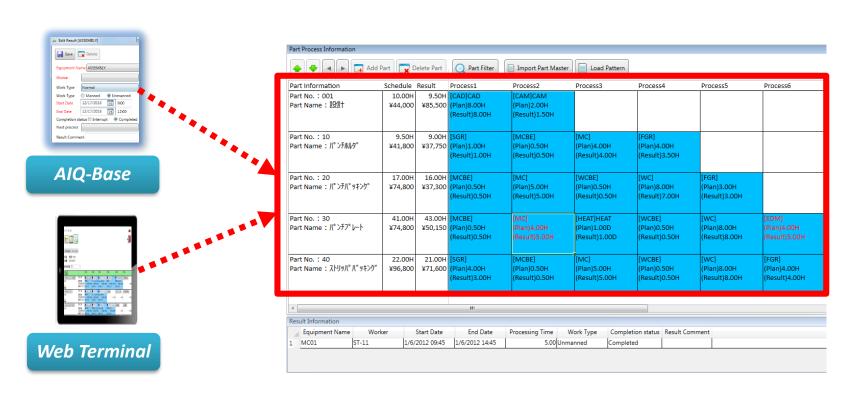
1. AIQ-Base

Result Collection

Accumulate results

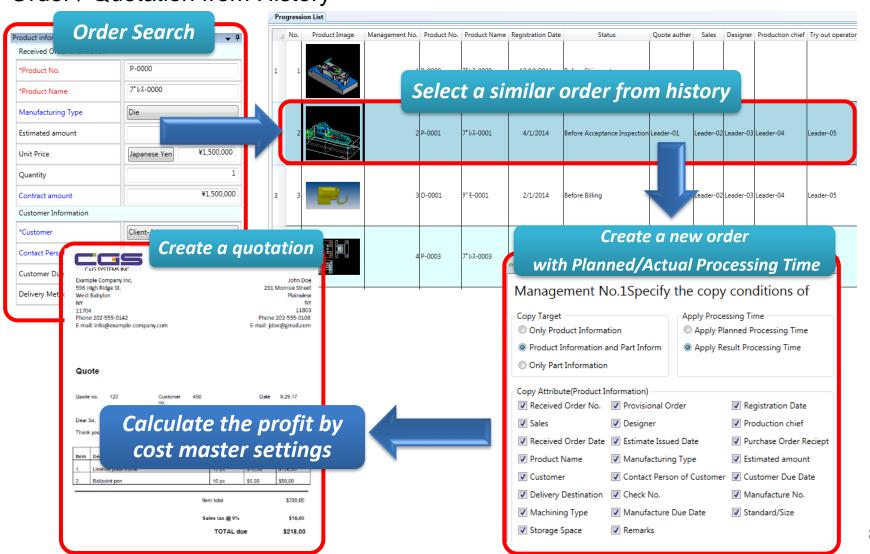


Accurate process planning



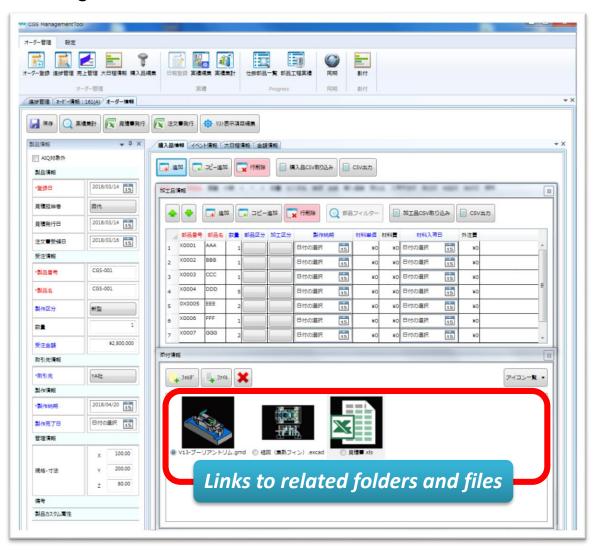
2. Result Manager

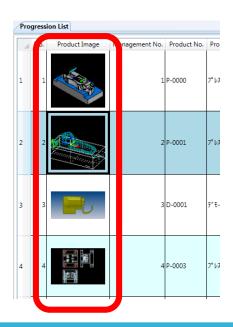
Order / Quotation from History



2. Result Manager

File Management

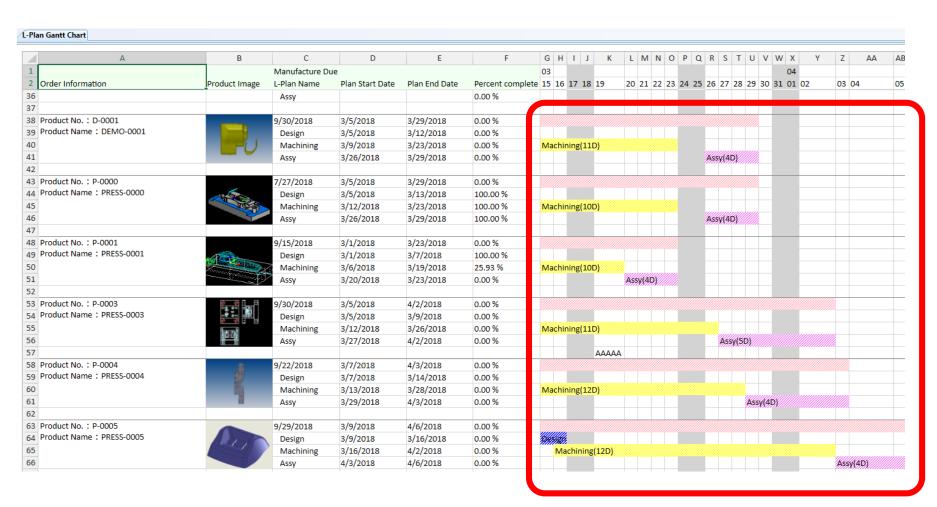




Picture image in the order list

2. Result Manager

Large Term Plan



2. Result Manager

Sales Management

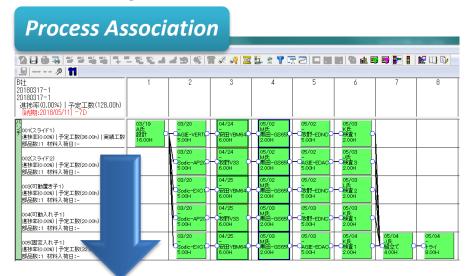


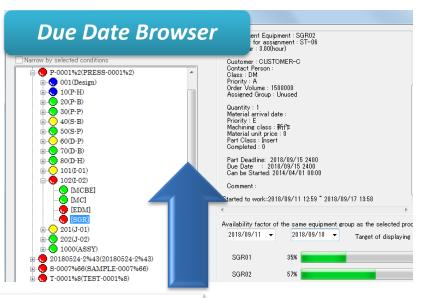
2. Result Manager

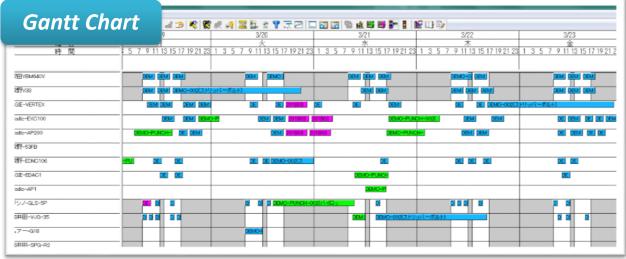


3. AIQ-Plan

Scheduling

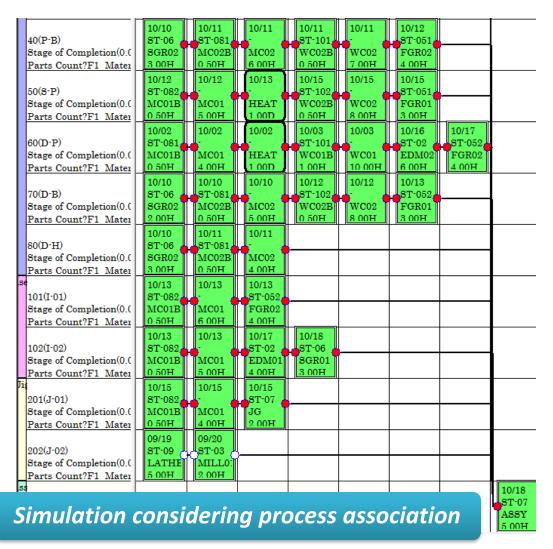






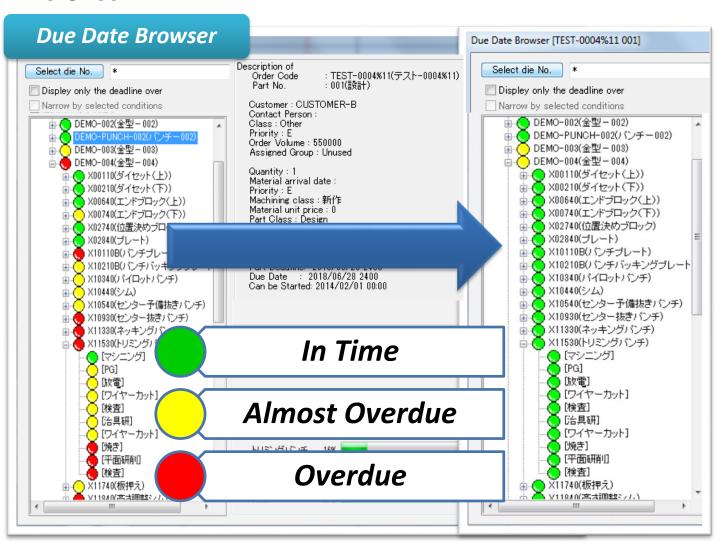
3. AIQ-Plan

Simulation by Process Association



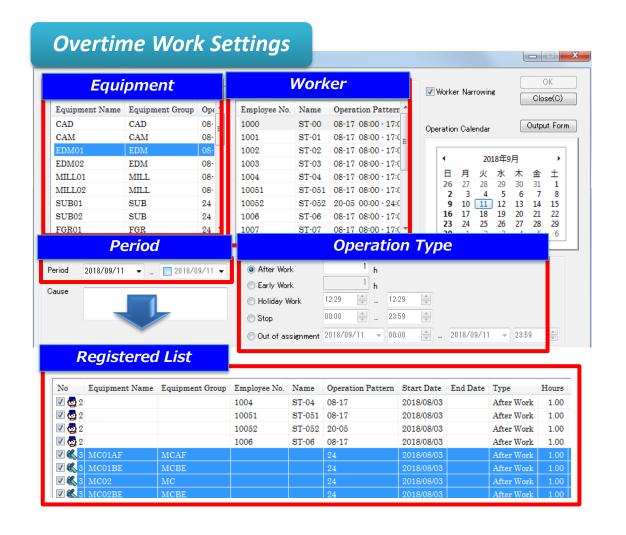
3. AIQ-Plan

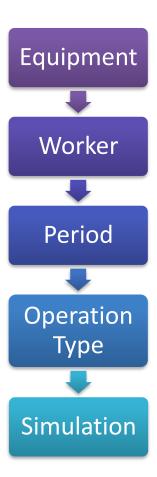
Lead Time Check



3. AIQ-Plan

Simulation by Overtime / Pause Settings



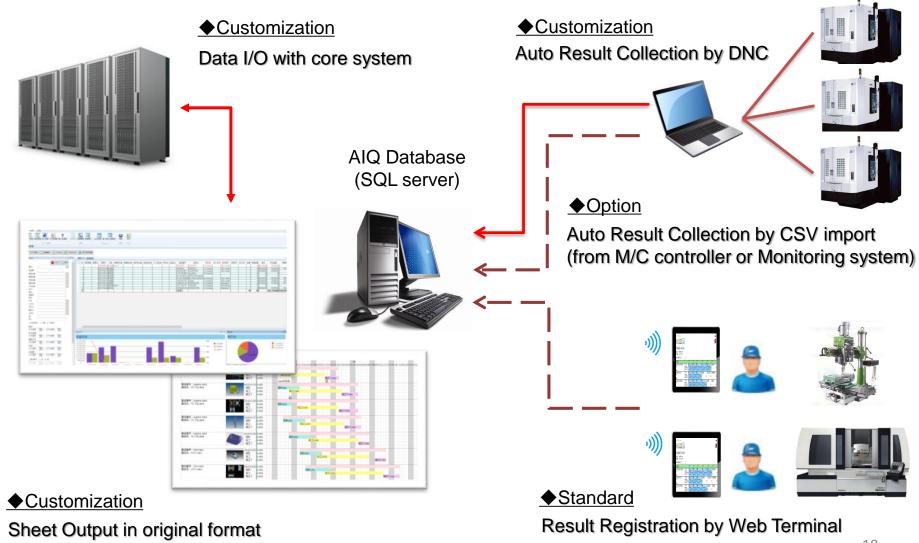


4. Web Terminal

Result Input by Web Browser (Internet Explorer, Chrome, Firefox, etc.)



Option / Customization

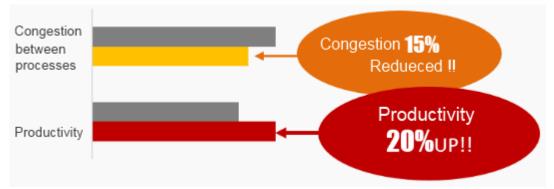


User Case Study

Productivity increased by 20% by visualization of production site



TAKAKI Kanagata (Mold Mfg.) www.takaki-kanagata.jp



"Visualization" allows each person in charge to work with efficiency consideration. Also, collective machining of multiple works can be realized to raise the machine operation rate. Meanwhile, we have reduced retention between processes by 15% by preparing the next work referring to the planned schedule.

In this way, changes in the consciousness and behavior of the workplace are directly linked, the mold production time has been greatly shortened, and the productivity has improved by 20%. Currently, machine operation rate including Saturdays and Sundays is 85 to 90% thanks to AIQ, allowing us to expand the business.





System Requirements

Database (24-hour use)

- Windows Server* 2016 or later version
- * CAL (Client Access License) is required for every client PC. (Except for Essential Edition)
- Microsoft SQL Server* 2014 or later version
- * CAL (Client Access License) is required for every client PC. (Except for Express Edition)
- CPU : Intel Xeon E5 or more
- RAM: 16GB (32GB recommended)

Main PC / Database (Non-24-hour use)

- OS: Windows 7 Professional* / 10 Pro (64bit) * Windows 7 is supported until 2019.
- CPU : Intel Core i5 / Core i7 or more
- RAM: 8GB (16GB recommended)
- Microsoft Office: Excel 2007 or later version

Sub PC

- OS: Windows 7 Professional * / 10 Pro (64bit) * Windows 7 is supported until 2019.
- RAM: 4GB or more

