

June 19, 2023

To The Press

C&G SYSTEMS INC.

## **In Support of Production Planning of Small and Medium Manufacturers**

In July, our company (President Shoichi Shiota) will release “V16.1” (this version), the latest version of AIQ, the process control system for manufacturing.

Many small and medium manufacturers are facing problems in their production planning such as:

- Being unable to achieve both zero faulty products and zero excess inventory
- Being unable to determine the proper timing and quantity for ordering
- Being unable to track inventory effectively
- Being unable to control lots
- Being unable to replace spreadsheet applications like Excel

To address these problems, in this version, we have introduced two new features specialized in the mass-production field: "Mass-production Karte" and "Mass-production Equipment Gantt Chart."

“Mass-production Karte” will obtain the cumulative production volume registered through the performance and display an alert (a warning) when the equipment reaches the level for protection. For example, in the field of mass-production by dies and molds, an alert will be displayed when the cumulative shot number reaches the point where the protection of the mold is necessary according to the numbers of guaranteed and warning shots and the maximum number of part maintenance preset in the Karte. When the maintenance of the mold is completed, the cumulative number of shots in the Karte will be reset and the alert be canceled. In this way, the production planning that includes equipment maintenance will be realized, which in turn will work effectively with the quality control of mass-produced products.

On the other hand, "Mass-production Equipment Gantt Chart" visualizes the operation schedule of mass-production equipment in chronological order. Sharing a visualized schedule at the mass-production site enables workers to have a real-time understanding of the scheduled operational status of the equipment, eliminating confusion caused by priority conflicts. The synergy between these functions and the "Product Inventory Calendar Function" (where the requirement is calculated daily based on unofficial announcements and actual client orders) enables more precise and secure production planning for mass-production demands, avoiding excess inventory, material shortages, and missed opportunities.

### AI Similar Image Search Function (Preannouncement)

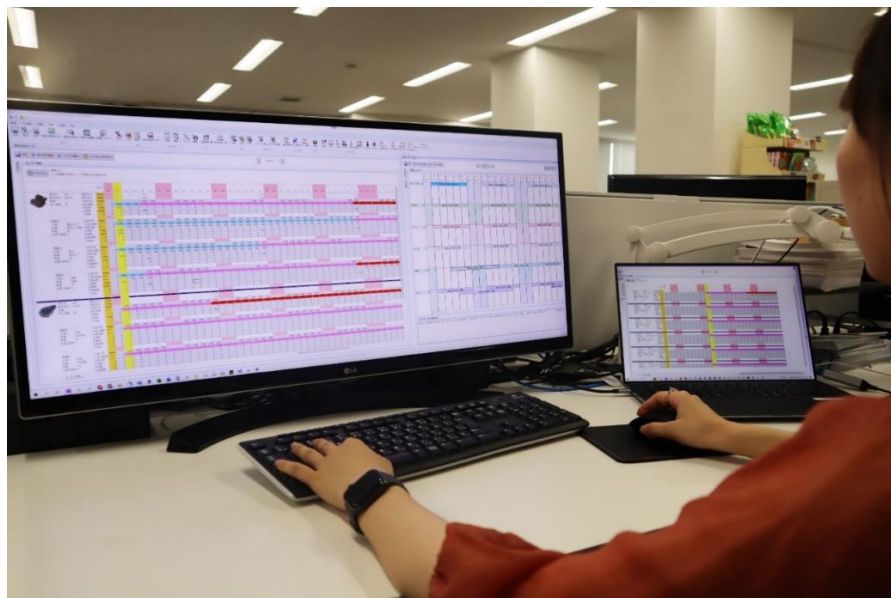
We are planning to release an AI-based similar image search function this year. By setting an image of a product, such as a new order, as a search condition, the production process and maintenance information linked by AIQ will be retrieved immediately. This will significantly enhance the usability and operational efficiency of the entire control system.

### Newly Developed 24 Functions

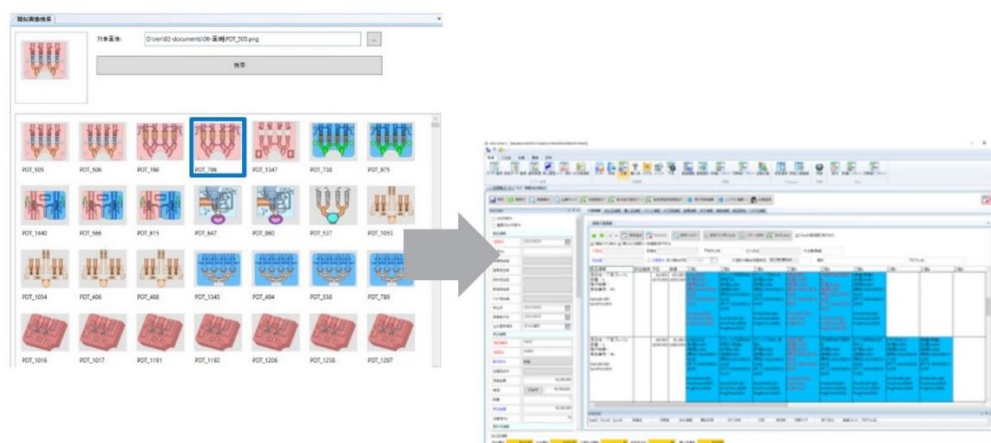
We have developed 24 new functions, including improvements in operability, enhancements to the scheduling function, and strengthening and expansion of the achievement collection function.



\* \* \*



Operation Image of Mass-production Control Solution



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Image of AI Similar Image Search

\* \* \*

[ Product Prices ] (All prices below are in Japanese Yen.)

AIQ Base Module + Mass Production Control Option : ¥ 4,000,000 –

\* Prices are subject to change depending on the server/client constructions.

Annual maintenance fees are not included.

[ Sales Target ]

20 licenses (per year)

[Company Information]

- Foundation : July 2, 2007 (\*1)
- Capital : ¥500,000,000-
- Description of Business : Development/Sales/Support of CAD/CAM System for Mold & Die, and Production Management Systems

(\*1) Our company is a CAD/CAM solution developer founded in 2010 as the result of a business integration and merger with Computer Engineering (founded in 1978) and Graphic Products (founded in 1981).

Note: All company and product names in this release are trademarks or registered trademarks of their respective companies.

### Questions and Inquiries

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