

**TECHNICAL BULLETIN**

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BCN-E2113-0050-A

**iQ Monozukuri Rotary Machine Vibration Diagnosis Procedure for Applying to GOTs with Resolutions Larger Than SVGA**

■Date of Issue

February 2022

■Relevant Models

AP10-VID001AA-MA, AP10-VID001AA-MB, AP10-VID001AA-MC, AP10-VID001AA-MD, AP10-VID001AA-ME, AP10-VID001AA-MF

Thank you for your patronage to the Mitsubishi Electric FA application package.

This technical bulletin describes how to apply the Rotary Machine Vibration Diagnosis application package to the GOT with resolution higher than SVGA.

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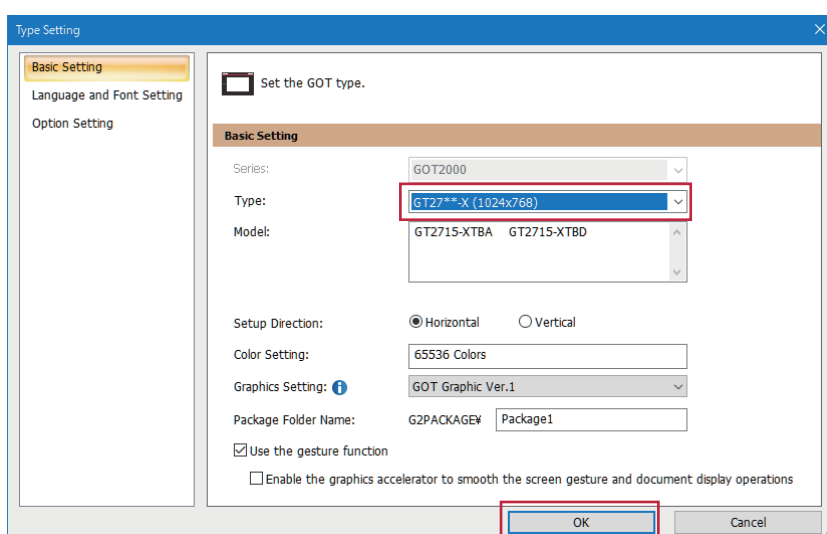
## 1 CHANGE PROCEDURE

When the GOT to be used for the Rotary Machine Vibration Diagnosis application package is changed to a type with resolution higher than SVGA (800 × 600 dots), the sizes of the base screen and window screen can be automatically enlarged according to the type setting in GT Designer3.

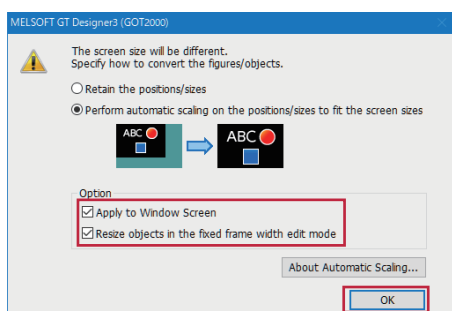
Since some window screens need not be enlarged, change the type as follows.

(This technical bulletin gives an example for changing the GOT type from GT2712 (SVGA) to GT2715 (XGA).)

1. Open the GOT project file for iQ Monozukuri Rotary Machine Vibration Diagnosis in GT Designer3, and select [Common] → [GOT Type Setting] to open the "Type Setting" dialog.
2. In the "Type Setting" dialog, change "Type" of "Basic Setting" from "GT27\*\*-S(800×600)" to "GT27\*\*-X(1024×768)", and click the [OK] button.



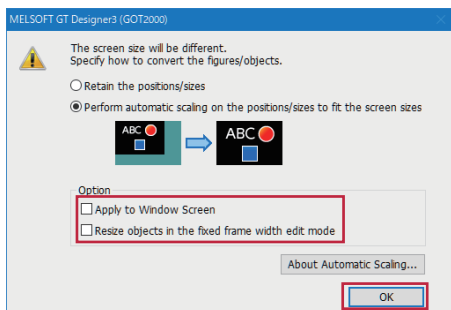
3. In the displayed dialog, select "Apply to Window Screen" and "Resize objects in the fixed frame width edit mode", and click the [OK] button. (The base screen and window screen are automatically enlarged.)



4. Change the project name and save it. (In this example, the project is saved as "ProjectA".)
5. Open the GOT project file for iQ Monozukuri Rotary Machine Vibration Diagnosis in GT Designer3 again, and perform steps 1 and 2.

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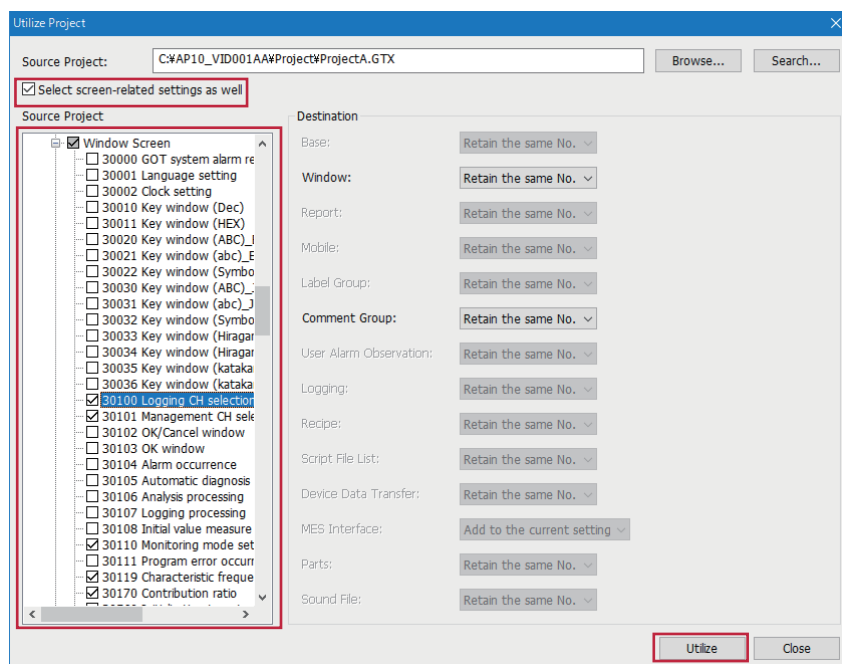
- In the displayed dialog, deselect "Apply to Window Screen" and "Resize objects in the fixed frame width edit mode", and click the [OK] button. (Only the base screen is automatically enlarged.)



- Change the project name and save it. (The project is saved as "ProjectB" in this example.)
- Open "ProjectB" in GT Designer3, and select [Project] → [Utilize Project] to open the "Utilize Project" window.
- Select "ProjectA" in "Source Project".
- Among the window screens in the "Source Project" tree, select the window screen numbers to be utilized and click the [Utilize] button. (The existing window screens will be overwritten with the window screens to be utilized.)

For the list of windows to be utilized, refer to the following.

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### Precautions

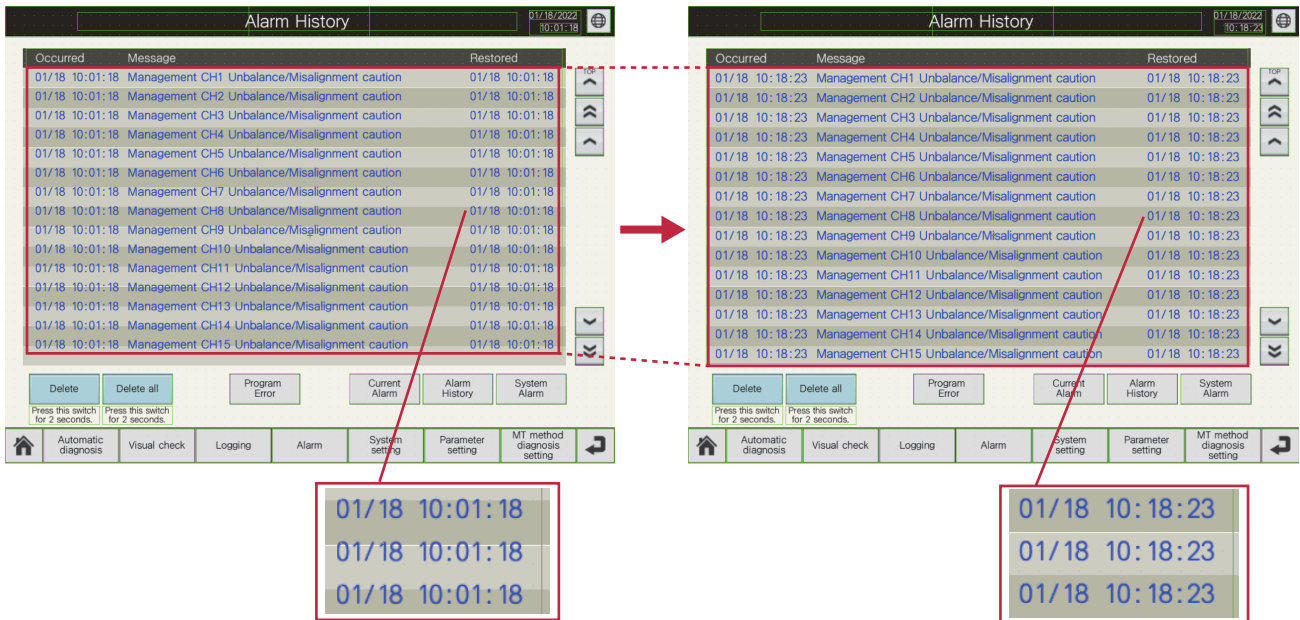
To utilize the comments, recipes, and scripts related to the selected window screens as well, "Select screen-related settings as well" must be selected.

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**11.** Manually fix misalignment in the automatically enlarged screen.

**Ex.**

Adjust the height of the alarm display object, and align of the background image to the text in each row.



**12.** Change the project name and save it.

## 2 LIST OF WINDOW SCREENS TO BE UTILIZED

The following lists the window screen numbers to be utilized.

The number of window screens to be utilized varies depending on the version of Rotary Machine Vibration Diagnosis.

Window screen No.	Name	Version of Rotary Machine Vibration Diagnosis application package		
		1.002C	1.003D	1.004E
30100	Logging CH selection	○	○	○
30101	Management CH selection(common)	○	○	○
30110	Monitoring mode setting window	○	○	○
30119	Characteristic frequency	○	○	○
30170	Contribution ratio	○	○	○
30560	Initialization target selection	—	—	○
30561	Initialization procedure(SRAM)	—	—	○
30610	Digital filter details	○	○	○
30651	Sample data group management	○	○	○
30652	Correlation matrix display	○	○	○
30710	Item setting(Acceleration FFT)-I	○	○	○
30711	Item setting(Velocity FFT)-I	○	○	○
30750	Threshold value setting(MT)	○	○	○
30800	Specification value setting	—	—	○
30801	Direct input	—	—	○
30802	Ball bearing specification	—	—	○
30803	Mitsubishi motor specification	—	—	○
30804	DB data version	—	—	○
30805	DB difference notification	—	—	○
30810	Selection target setting	—	—	○
30812	Ball bearing number setting	—	—	○
30813	Details of ball bearing number	—	—	○
30814	Ball bearing type check	—	—	○
30815	Type of Mitsubishi motor	—	—	○
31010	Monitoring frequency	○	○	○
32765	License key authentication	○	○	○

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**REVISION**

Version	Date of issue	Revision
A	February 2022	First edition

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