MITSUBISHI ELECTRIC

Changes for the Better

for a greener tomorrow   eco Changes

Mitsubishi iQ Platform Compatible
GOT1000 Screen Design Software
MELSOFT GT Works3

Use templates to revolutionize your screen design style

Configurable Templates
MELSOFT GT Works3

Compatible with Windows® 7

Supporting realistic and beautiful screen designing!

Use the extensive parts library and font variations to design realistic and high-grade screens such as operation panel screen.

FINE

Design your desired screen with simple settings!

Advanced functions, such as creating original templates, greatly reduce your screen creation time while enabling you to create high-level screens with simple settings.

SIMPLE

Intuitive, easy-to-use operations to adjust the screen creation environment and utilize existing data!

Various concepts, such as optimizing operations and using existing data, are incorporated to improve your screen design efficiency.

EASY

Configurable Templates
MELSOFT GT Works3

Customizable templates simplify screen development, improve efficiency and reduce effort.

Want to increase your screen design efficiency? Reuse or create a unique screen?

Then "MELSOFT GT Works3" with its intuitive flexible templates is the perfect answer.

Whether creating an all new front end for your system or reworking an existing design, ready-to-use templates reduce engineering development, time and effort. Developers can easily choose from a wide range of original templates or freely create new ones to meet any requirement or standard.

GOT1000 Screen Design Software

GT Works3

MELSOFT

MELSOFT GT Works3

Screen data is portable and forward compatible.

Visualization has evolved to offer more than what you see is what you get.

Enhanced "easy-to-use" functions for efficient screen design!

P.19 Simulator

Preview operation without connecting to a GOT.

P.18 Communication with GOT

Communication settings and drivers are automatically selected and downloaded to the GOT with the project data.

P.8 Work Tree

View the whole project, create a new screen, and add and delete screens with ease.

P.8 Tool Bar

Vividly colored icons make distinguishing active functions from inactive ones easy.

P.9 Library

Parts are easy to select. High resolution graphics and parts are easy create and incorporate into projects.

Property Sheet

A selected object or graphic's settings are displayed as a tree view. Set colors, devices, etc., on the property sheet without opening a dialog box. When selecting multiple objects or graphics, change color, character size, etc., all at the same time.

P.9 Dialog Box

User-friendly dialog boxes and object settings.

P.10 Editor <Screen Design Area>

Many convenient and efficient development functions are included!

New functions improve your screen design efficiency than ever before!

● Use "templates" to greatly reduce your screen creation time! (P.10)
● Make batch changes with a single right-click! (P.16)
● Register parts with a single right-click! (P.16)
● Easily create addition and subtraction word switches! (P.17)

Temporary Area

Reduce workspace clutter by moving objects off of the display area.

MELSOFT iQ Works Improves Design Efficiency (P.23)

Batch parameter check and system labels of MELSOFT Navigator are supported.

P.13 Data Browser

The object settings are listed allowing settings to be confirmed and revised easily!

Related Tools (P.23, 24)

GT Works3 comes with various tools such as the Data Transfer Tool and GT Converter2.

P.21 User (OEM/End User) Security Function!

P.21 The Help Function is available for quick reference!

4

5

MELSOFT
Configurable Templates **GT Works3**

To create sophisticated screens quickly

Library

Many high-resolution parts are available

Full lineup of useful parts!
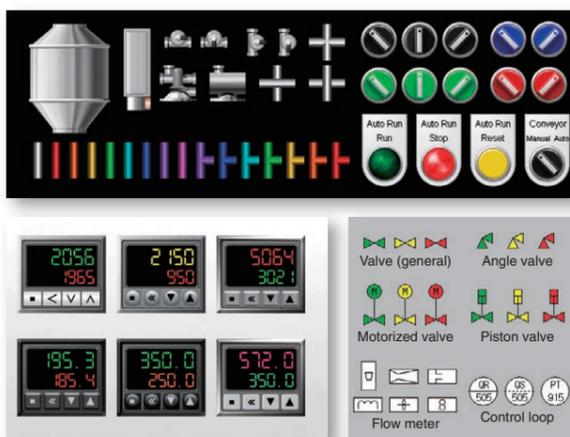
The parts library is full of useful parts such as colored piping parts and dial switches of different angles.

The new lineup includes temperature controller parts and process control parts.

Have fun designing your screen with this extensive parts library!
GOT's various parts will support your screen design work.

To make screen titles attractive

Logo Characters

Decoration!

New logo characters and new decorations. Outlines and neon make your characters more expressive. Characters up to 800 dots in size can be used.

Choose a font freely

Font Variations

A wide variety of fonts!

The GOT1000 displays a stunning range of fonts.

• Standard fonts
→ Small characters are displayed clearly.
• Stroke fonts
→ The font size is specified in dots.
• Windows® fonts
→ Your favorite fonts can be used.

All fonts conform to Unicode 2.1, and about 40 languages can be displayed clearly. Thai characters are clearly displayed using stroke fonts.

Bringing you high-level screen design with simple, easy- to-use settings and operations

With all these settings – which should I choose?
Work Tree

Setting items are categorized so you can choose what you want more quickly

< Project >

< System >

Double-click to create new data.
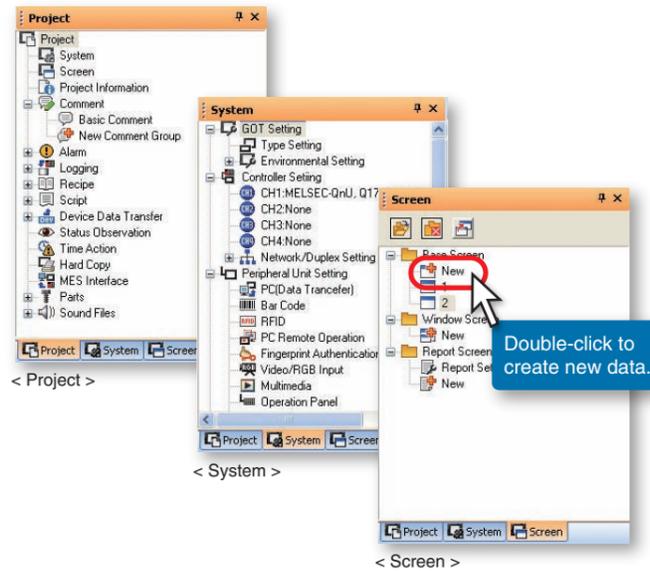
< Screen >

Setting items in a project are categorized clearly into projects, systems, and screens. Everything is displayed so you can find what you want quickly. Create new screens or comments just by double-clicking on "New".

## What function best fits my application?
Tool Bar

New icons simplify function selection and improve efficiency

Bit Switch   Bit Lamp   Numerical Display   Numerical Input   ASCII Display   Word Comment

Alarm History   Bit Parts   Historical Trend Graph   Text   Text Color   Import DXF Data

Align   Rotate   New Screen   Write to GOT   Activate Simulator   Controller Setting

Point to the icon with the mouse to display an explanation of functions and operations.

Switch
Bit Switch
Word Sw...

Zoom in (Ctrl+Num +)
Increase the display magnification by 10%

Simply designed full-color icons and easy explanations let anyone design screens easily. Previous selections are stored to increase design work efficiency.
Say you select the bit switch from the menu to create a switch object -- the bit switch icon is immediately displayed so you can just click the icon to create another bit switch – no need to choose from a function menu.

Lots of libraries -- but what are they for?
Library

Cut library retrieval time!

Just click and place a part.

To register, drag and drop.

Finding objects in the parts library is easy and you can simply choose a library by object type, by function, from the recently used library list, or from the "My Favorites" folder.
To create a visual masterpiece - just choose parts from the library and place the objects on screen - what could be easier?
To register a part, just select it and drag and drop it into the library.
Register a part in the "My Favorites" folder with a single right-click. **NEW**
Easily select the template screen and parts with dedicated icons.

But what items do I set?
Dialog Box

Terms and display items are improved to make settings easier!

Compare and check images of ON/OFF state or each set range.
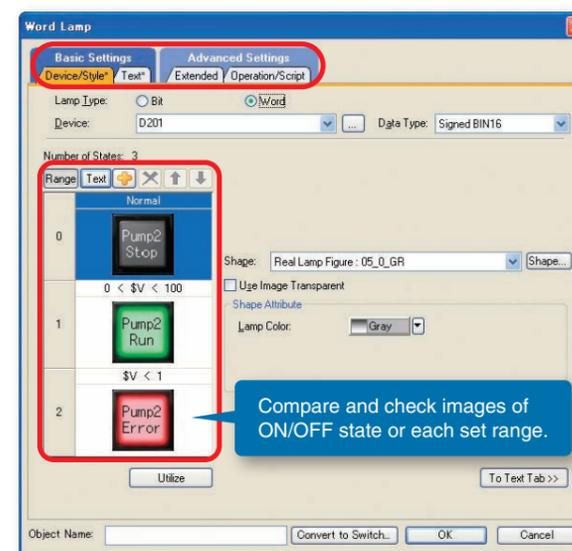
Choose settings and operations using simple terms and display items. Object settings, ON/OFF conditions and other states can be modified and displayed directly from the configuration dialog box - saving valuable time and effort.

Dialog tabs with "*" marks quickly show designers that object settings have been modified.

8

9

Quickly design your screens using a full range of templates. Original templates can also be created and saved
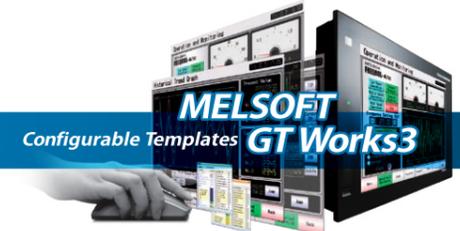
Enhance your work performance by saving your frequently used screens as "templates"

Version Upgrade Use "templates" to greatly reduce your screen creation time!

Editor ❶

Create a template from frequently used screens and parts. **NEW**
Template attributes such as devices and colors can be specified in a template.
By associating attributes of individual objects to the template attributes, devices, colors, and other attributes can easily be changed at a time.

<Items that can be registered in template> Figures and objects on the same screen editor

<Types that can be registered and changed in template attributes>

Devices (bits, words), numerical values, text, colors, figures **NEW** , fonts **NEW** , font size **NEW**

<Creating a new template>

Meter

Numerical display

Trend graph

Select figures and objects to be registered, and create a new template.

<Completed template>

New template completed!

Property
Template Name: Motor Revolution Monitor

Template Attribute	Setting Value
Motor Monitor Device	D500-D600
Motor A Meter	D600
Motor A Numerical ...	D600
Motor Revolution G...	D500
Motor B Meter	D600
Motor B Numerical ...	D600
Motor Revolution G...	D600
Motor A Color	
Motor A Meter	
Motor A Numerical ...	
Motor Revolution G...	
Motor B Color	
Motor B Meter	
Motor B Numerical ...	

<Creating and associating template attributes>

Edit Template Attribute (Motor Revolution Monitor)

Select the items to be displayed in view format and changed collectively on the template property from Attribute List, and then drop them on Template Attribute List.

Template Attribute List: New | Delete | Auto Sorting   Attribute List: Refinement:

Type	Template Attribute	Setting Value	Points	Individual Attribute
Word	Motor Monitor Device	D500		Monitor Device
	Motor A Meter	D500	1	Monitor Device
Color	Motor A Color			
Color	Motor B Color			

Type	Individual Attribute	Setting Value
	Motor A Meter (10005)	
	Motor A Numerical Display (10000)	
Font	Font	TrueType Num...
Word	Monitor Device	D500
Color	Numerical Color [State 0]	
Shape	Shape	None
Text Si...	Text/Number Size	32 (dot)
	Motor B Meter (10004)	
	Motor B Numerical Display (10006)	
	Motor Revolution Graph (10001)	
Color	Graph Color No.1	
Color	Graph Color No.2	
Word	Graph No.1	D500
Word	Graph No.2	D600
Color	Numerical Color	
Color	Scale Color	
Text Si...	Scale Number Size	1x1 (X x Y)

☑ Show only the figures/objects selected on the editing screen   OK | Cancel

Create template attributes.
• Type (word, color, etc.)
• Template attribute name

Associate individual attributes of figures and objects to the template attributes with drag and drop.

Meter attributes

Numerical display attributes

Trend graph attributes

<Changing devices>

Motor Revolution Monitor

Meter (D500, D600)

Numerical display (D500, D600)

Monitor devices for trend graph (D500, D600)

Property
Template Name: Motor Revolution Monitor

Template Attribute	Setting Value	Points
Motor Monitor Device	D500-D600	
Motor A Meter	D500	1
Motor A Numerical Display	D500	1
Motor Revolution Graph	D500	1
Motor B Meter	D600	1
Motor B Numerical Display	D600	1
Motor Revolution Graph	D600	1

Property
Template Name:

Template Attribute	Setting Value	Points
Motor Monitor Device	D100-D200	
Motor A Meter	D100	1
Motor A Numerical Display	D100	1
Motor Revolution Graph	D100	1
Motor B Meter	D200	1
Motor B Numerical Display	D200	1
Motor Revolution Graph	D200	1

Change devices in the template attribute at a time! (D500-D600)→(D100-D200)

<Signed BIN16> CH1 MELSEC-QnU/D...
Device: D 100

Set the head device (D500→D100)

<Changing colors>

Motor Revolution Monitor

Motor Revolution Mon...

All colors for the template attribute "Motor A Color" are changed at a time!

Property
Template Name: Motor Revolution Monitor

Template Attribute	Setting Value	Points	Individual Attribute	Type
Motor Monitor Device	D500-D600		Graph No.1 etc.	Word
Motor A Color			Graph Color No.1 etc.	Color
Motor A Meter			Meter Needle Color ...	
Motor A Numerical ...			Numerical Color [St...	
Motor Revolution G...			Graph Color No.1	
Motor B Color			Graph Color No.2 etc.	
Motor B Meter			Meter Needle Color ...	
Motor B Numerical ...			Numerical Color [St...	

More Colors...

Change the color

The following colors are set as the template attribute "Motor A Color":
• Meter Needle Color
• Numerical Color
• Graph Color

When the created template is saved in the library, it can easily be used in other projects, thus greatly improving your screen designing efficiency.

The system library contains various templates (function screens, controller monitor screens, etc.) which can be used freely.

✽: For more details on the templates registered in the system library, please refer to page 12.

MELSOFT GT Works3

Configurable Templates

"Menus", "graphs" and "monitors"... Why spend lots of time making these frequently used screens?

Editor ❶

Visit the diverse lineup of ready-to-use "templates"!

Select various template screens and parts according to your target or application.
Template screens are available in three sizes: XGA **NEW** , VGA and QVGA **NEW** .

Function Screens
*Users can freely edit the templates from the System Library!*

▶ Menu
▶ Device monitor
▶ Advanced alarm
▶ Historical (graph + list)
▶ Document display
▶ Calendar
▶ Clock data change

<Device monitor (bit)>

<Historical (graph + list)>

Controller Monitor Screen
Users can freely edit the templates from the System Library!

▶ CC-Link network monitor
▶ Special module monitor
▶ Servo amplifier monitor *Version Upgrade*
▶ Inverter monitor
▶ Temperature controller monitor for various brands *Version Upgrade*

<CC-Link network monitor>

<Special module monitor>

<Servo amplifier monitor>

<Inverter monitor>

<Temperature controller monitor for various brands>
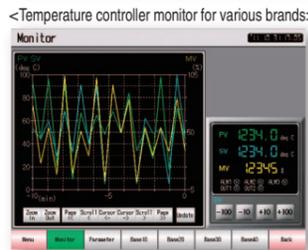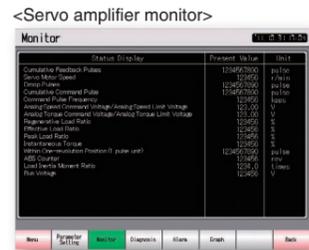
Parts
Users can freely edit the templates from the System Library! **NEW**

Changing the part colors and devices, which used to be bothersome, is now easy by using the templates.

▶ Rotary switch
▶ 3-position selector switch
▶ Analog clock
▶ Clock (alarm and historical)
▶ Radio switch, etc.

<Rotary switch>   <3-position selector switch>   <Analog clock>

<Clock (alarm and historical)>   <Radio switch>

2011/02/28 06:47:59

A B C D E RST
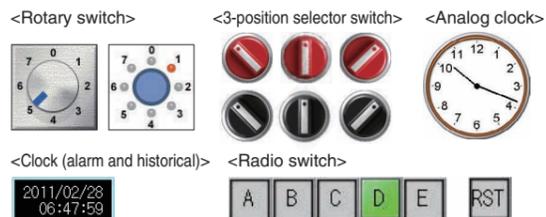
Templates are continuously updated

Quickly find out the settings of objects in the project

Editor ❷

"Data Browser" makes it easy to check and modify settings

Double-click

Edit directly in the list or edit from a setting dialog.
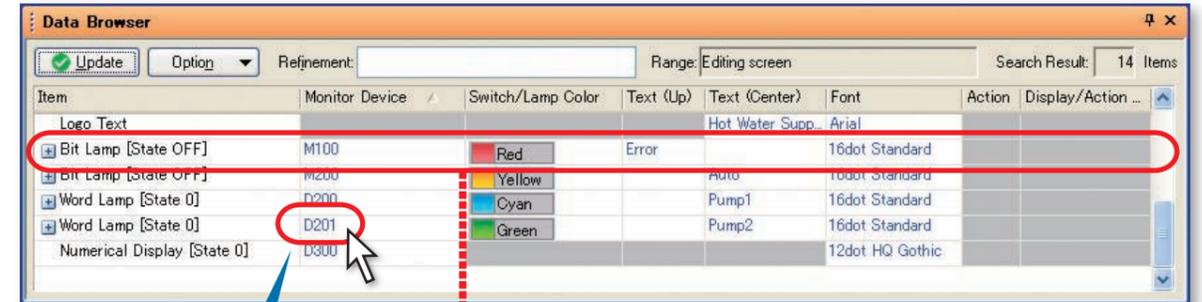
The settings of objects used in the project can be displayed and edited in the list.
The settings for the "script", "status monitor" and "trigger actions", etc., used in base/window screens can also be displayed and edited.
Operability in the list has been increased to improve efficiency of data editing when many screens are included or when existing screens are imported in the data.

<Changing operation settings>
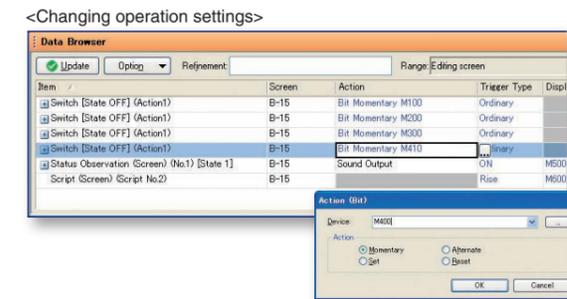
● Directly edit devices and text in the list
● Change devices, text and colors in a batch
● Change action settings and fonts
● Copy and paste multiple cells
● Sort and narrow down items by using devices and keywords

<Copy/paste of multiple cells> Change names of Go To Screen switches to Main Menu (screen No.1) from "Menu" to "Main Menu" on all screens.

Copy and paste to multiple cells!
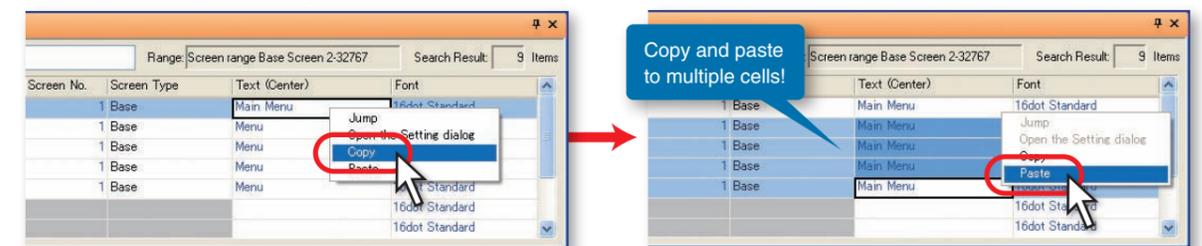
Easily check the screen switching and ON/OFF displays!

Editor ❸

Simple simulation with "Screen Preview"

Simple simulation and screen switching can be checked in the Screen Preview window. By turning certain switches ON/OFF, entering device values, and printing/saving specific screen images, you can easily create specification documents and operation manuals.

<Confirmation of screen selection switches>
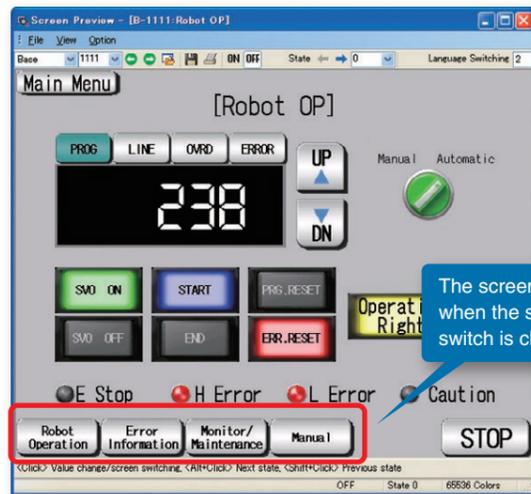
The screen display can be switched in the Screen Preview. The editing screen can be opened in sequence with the preview screen so modifications can be made and then viewed in real-time on the preview screen.

The screen will change when the screen selection switch is clicked.

<Switching lamp/switch display (ON/OFF)>

OFF   ON
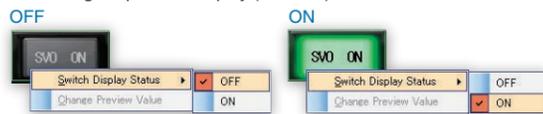
Lamp/switch displays (ON/OFF, states) can be changed for each object separately.

<Switching lamp/switch display (states)>

State 0   State 1   State 2

The state can also be switched by pressing Alt key + click (next state) or Shift key + click (previous state).

<Changing numerical display/input preview value>
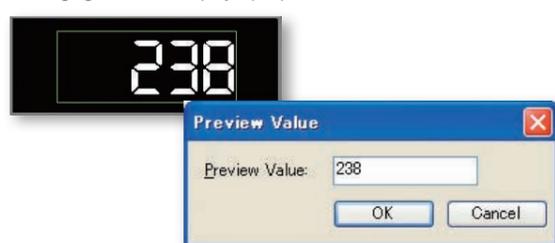
Preview values of numerical display/input and ASCII display/input objects can be changed.

To place an object using only the mouse

Editor ❹

Correct positioning along a guide line

Guide line

Dragging
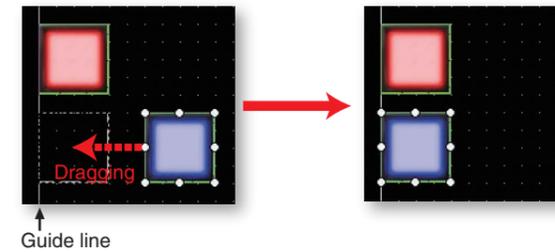
Drag the object to display the guide line -- Place the object using the mouse.
Guide lines can be displayed to the left/right, center, or top/bottom of figures and objects.
The guide lines can also be displayed at the center of the screen and the boundary between the screen display area and the temporary area. **NEW**

To lay out multiple figures and objects

Editor ❺

Use the continuous copy function to lay things out!
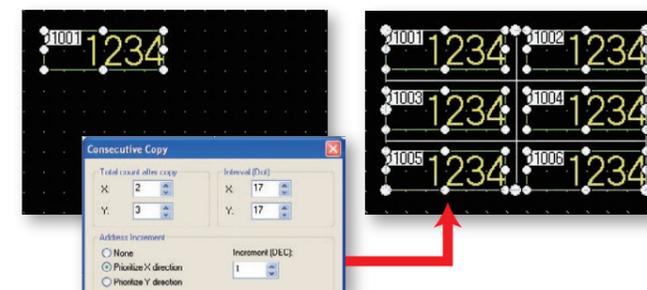
Copy the specified number of figures or objects all at once. When copying objects containing devices, assign device numbers by setting the increment.

To change settings for multiple figures or objects at the same time

Editor ❻

Easy correction with batch change and width/height/coordinate input functions!

< Batch correction -- changing color >

< Width/height/coordinate input >

Batch corrections including devices, colors, figures and channel numbers can be done all at once.
With the width/height/coordinate input function, change the size of selected objects and rearrange them all at the same time by inputting width, height, and coordinates.

FINE

SIMPLE

EASY

To effortlessly change figures
Editor **7**

Change figures by just right-clicking
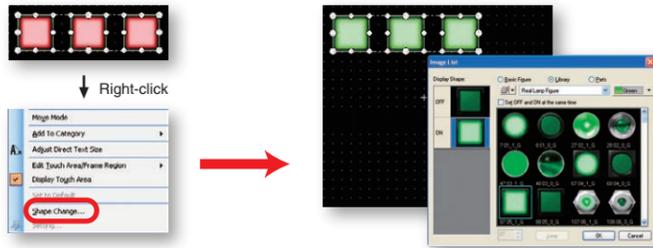
→ Right-click

Change multiple figures easily with one operation while checking images of switches and lamps.

If only batch changes could be made more easily
Editor **8**

NEW Make batch changes with a single right-click!

→ Right-click
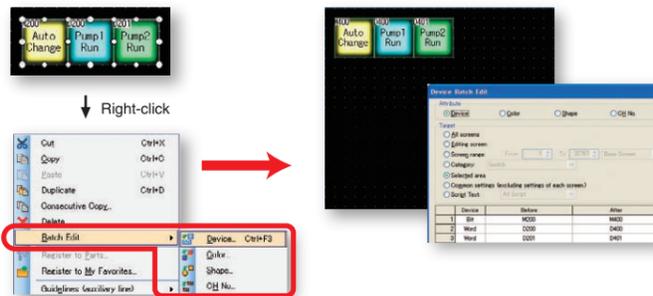
When multiple objects are selected and the right-button is clicked, the batch change menu will appear. This menu simplifies the batch change of devices, colors, figures and channel numbers.

With so many parts to register, it just takes too much time...
Editor **9**

NEW Register parts with a single right-click!
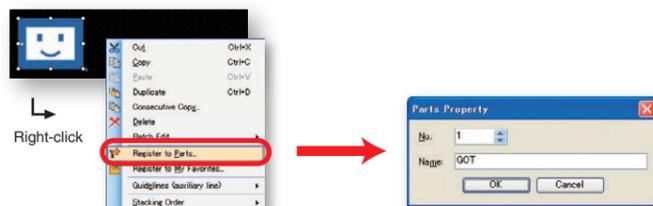
Right-click

Easily register parts by selecting the required figure and right-clicking.

Is there an intuitive way to find out the operation state?
Editor **10**

Use a switch to display four states and indicate an invalid state!

When RUN lamp is OFF — Run — Touch — Run — See the touched section!
When touched

When RUN lamp is ON — Run — Touch — Run — See the touched section!
When touched

When switch is not working — Run
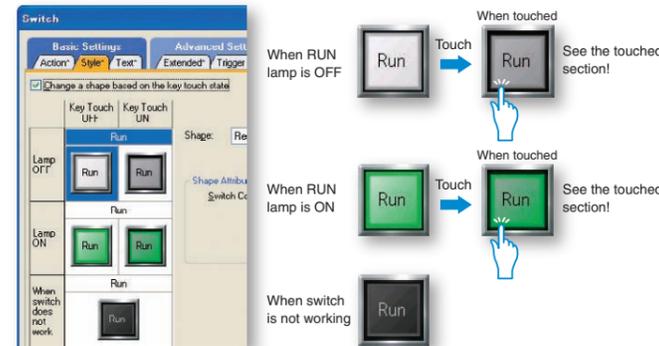
Four different states can be indicated by combining touch states and device states of a touch switch.

The style and the text can also be specified for the state when the switch does not work. NEW

To efficiently change objects
Editor **11**

A single click toggles a switch and lamp!

Switch — Convert to Lamp... — Lamp
One-click conversion
Convert to Switch...
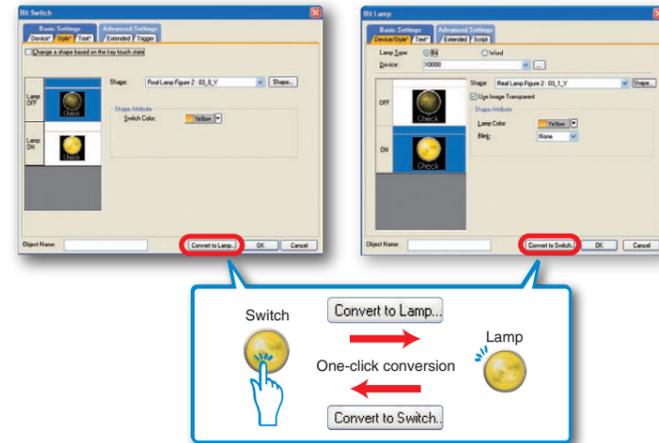
Convert switch and lamp objects easily with just one click.

Create frequently used switches as easily as possible
Editor **12**

NEW Easily create addition and subtraction word switches!
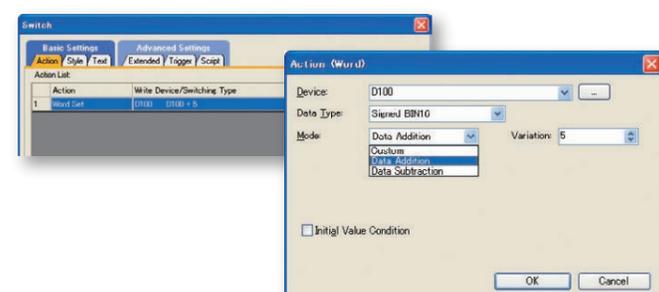
Word switches which add or subtract values can be created easily. Addition and subtraction are possible even when the data format is "unsigned BIN" or "BCD".

16

17

Simple, one-click operations are your effective tool for checking and transferring data

Is there any way to see specified devices at a glance?   Editor ⑬

Display lamp function devices and trigger devices of switches!

Displayed in order from top:
• Monitor device
• Switch's lamp function device
• Display/operation trigger device

Select background colors for displaying devices **NEW**
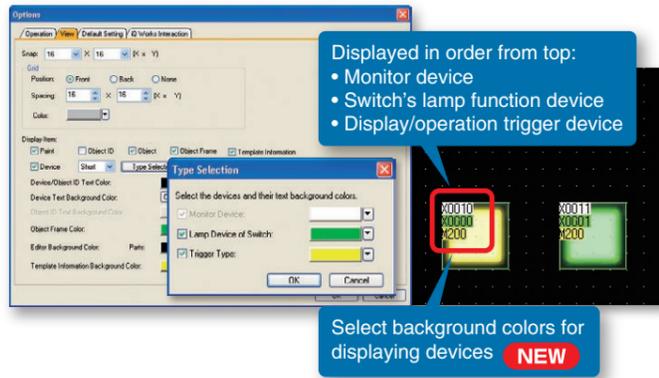
In addition to the monitor device, the switch's lamp function device and display/action trigger device can be displayed.

The setting details for the entire screen can be checked at a glance without opening setting dialogs or checking property sheets. Use this easy function to prevent device setting mistakes.

Does the software really check the OS automatically when transferring data to the GOT?   Communication with GOT

Select the OS and transfer data with a single click!

GT Works3
USB memory*1   CF card*2
SD card*5
• USB
• RS-232
• Ethernet*3
Office
Memory card, etc.
GOT1000
Job site

Via a modem (screen data and resource data only)

Select write mode!

The required OS and screen data are automatically selected according to the selected mode

All you have to is press the "GOT Write" button
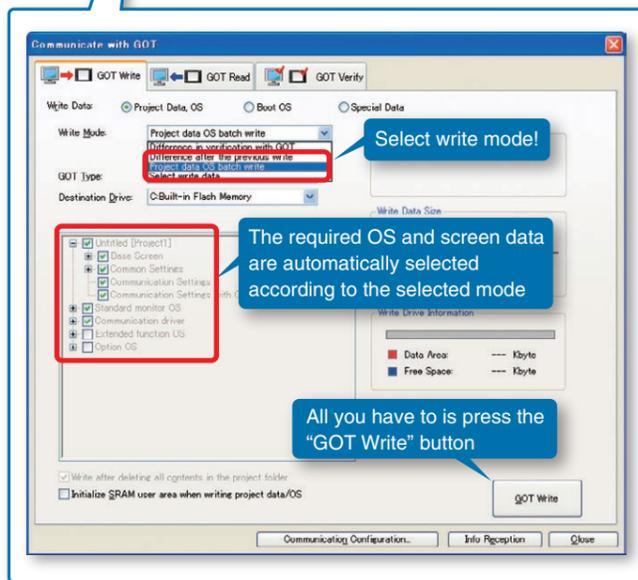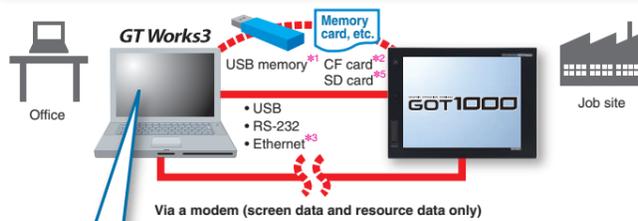
The "write mode" can be selected when transferring data. By selecting "project data OS batch write", the OSs*4 required by the GOT are automatically selected according to the contents of the screen data. The selected OSs are transferred together with the screen data to the GOT.

● "Project data OS batch write": The required data is automatically selected according to the contents of the screen data. Use this convenient function when transferring data to the GOT for the first time.

● "Difference in verification with GOT", "Difference after the previous write": Since only difference data is selected, the communication time can be shortened. This is convenient for debugging and making corrections.

● "Select write data": Data can be selected freely.

※1: GT16/GT14 only.
※2: Excluding GT14/GT10. GT105□/GT104□ can transmit data using GT10-50FNB and GT1030/GT1020 by using GT10-LDR.
※3: GT16/GT15/GT14/GT12 only. If the IP address is unknown, GOTs in the Ethernet network can be searched. (GT16 only.)
※4: Dedicated system files required for using GOT.
※5: GT14 only.

To check created data without the actual machine!   Simulator

Simulation with a click!

The simulator starts

Just click the mouse

Device values and ON/OFF statuses can be changed

GT Works3 simulation function

Communication/monitor

To correct screen data, just click "Update"!

GX Works2 simulator (virtual PLC)

Program loading
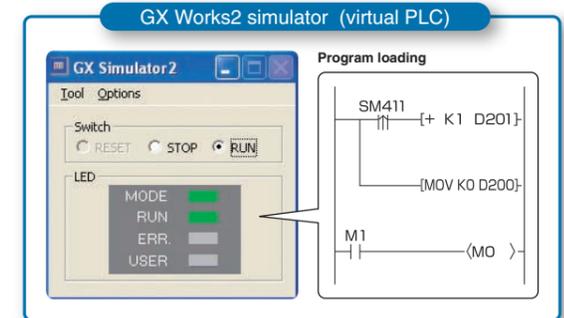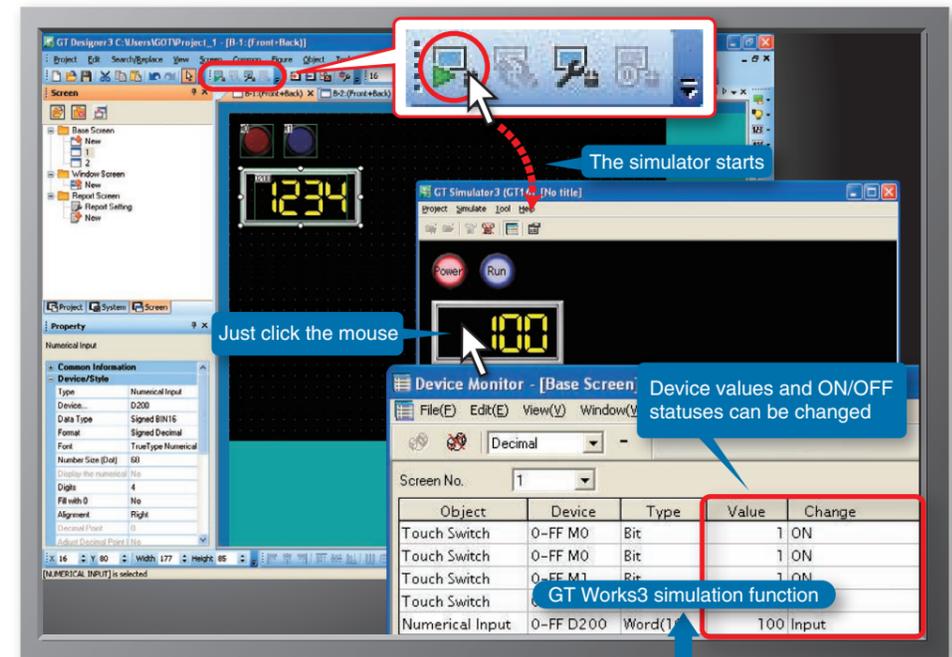
Use your PC to check screen data operation -- check alarms and monitor screen changes and devices. Debug data while correcting the screen.
Start and update the simulator with one click and test devices easily.
The simulator stores screen images in BMP and JPEG formats -- convenient for preparing operating manuals.
All GOT1000 models including GT14 **NEW** , GT12, and GT10 can be simulated.

※: GX Works2 or GX Simulator is required separately.

Personalize the screen design environment to further reduce screen creation time

Instantly suit your preferences

Change initial settings as you like

① Right-click on a set object and register it by choosing "Set to Default".

Numerical display icon

② Click and place

③ Set the device

Before customization
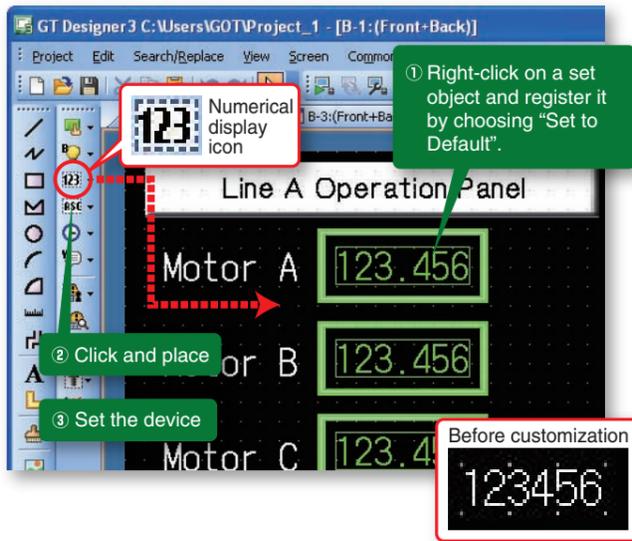
Initial settings for objects and figures can be tailored to suit the individual programmer or designer. Frequently used objects can be pre-loaded and pre-configured to reduce the time to configure.
Registered data is sharable with other projects and personal computers to design screens efficiently.

To reuse the same parts often

Select your favorite parts directly from the tool bar!

My Favorites

① To register, drag and drop or right-click.

My Favorites tool bar

②Registered parts are displayed on the "My Favorites" tool bar!

③ Click and place
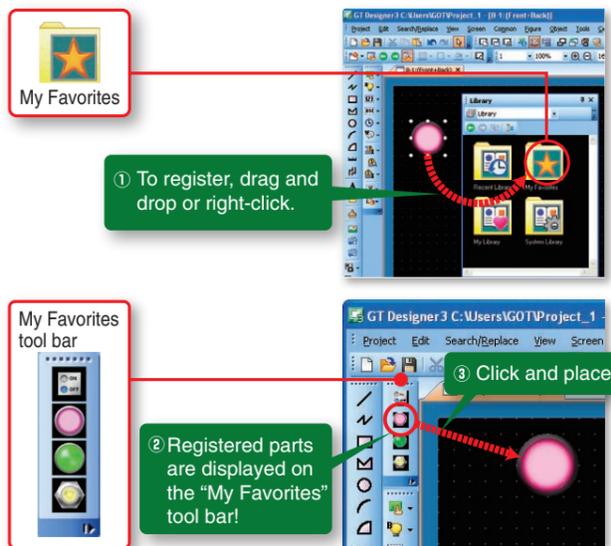
Objects on the "My Favorites" tool folder in the library are displayed on the "My Favorites" tool bar.
An object can be added to the "My Favorites" folder just by drag and drop, or by right click NEW on the object. Place it by clicking on the tool bar.

Protect your valuable screen assets!

NEW The User (OEM/End User) Security Function prevents your valuable data from being leaked or changed!

Protect your project data by setting access authority (availability of displaying and editing a project) with a five-stage access level not only for the project but also for screens. When the several people are involved in designing the screen, a specific screen can be protected by setting different access authority for each screen. The availability of displaying or editing the project can be confirmed with the work tree or the screen image list.

✱: Project data having security set with GT Works3 Version 1.45X or later cannot be handled with a version older than GT Works3 Versions 1.45X.

① Set different access authority for each screen

<Setting for base screen 2>

Editing prohibited screen

③ Base screen 2: Display permitted, editing prohibited
Base screen 3: Display prohibited, editing prohibited

Display prohibited screen

②Login with a user whose access level is Developers (Level 1)

<Setting for base screen 3>
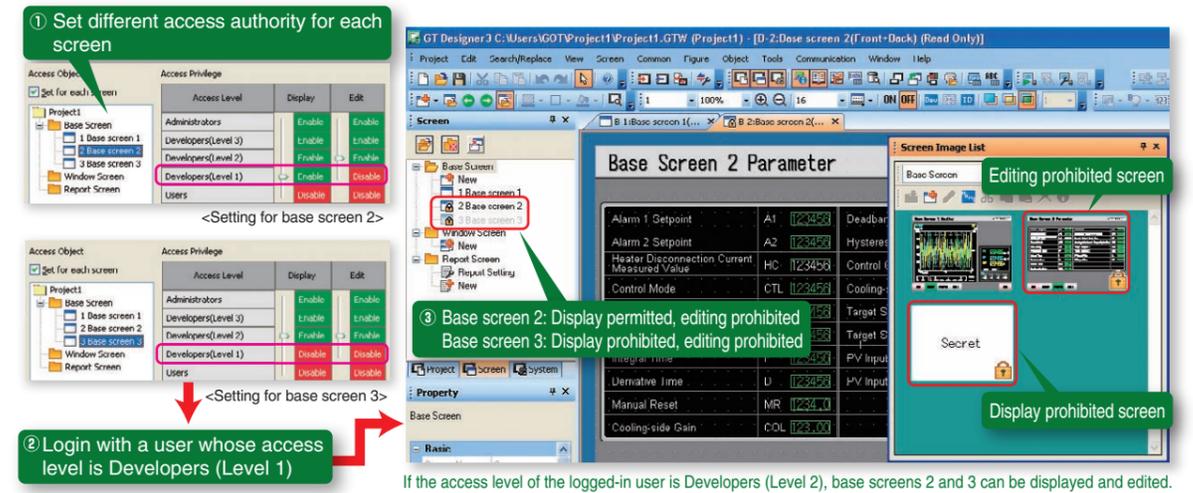
If the access level of the logged-in user is Developers (Level 2), base screens 2 and 3 can be displayed and edited.

Find the information you need at your fingertips!

### The Help Function eliminates the need for manuals

When the F1 key is pressed, help for the currently active dialog opens immediately!
Easily check the information you need.
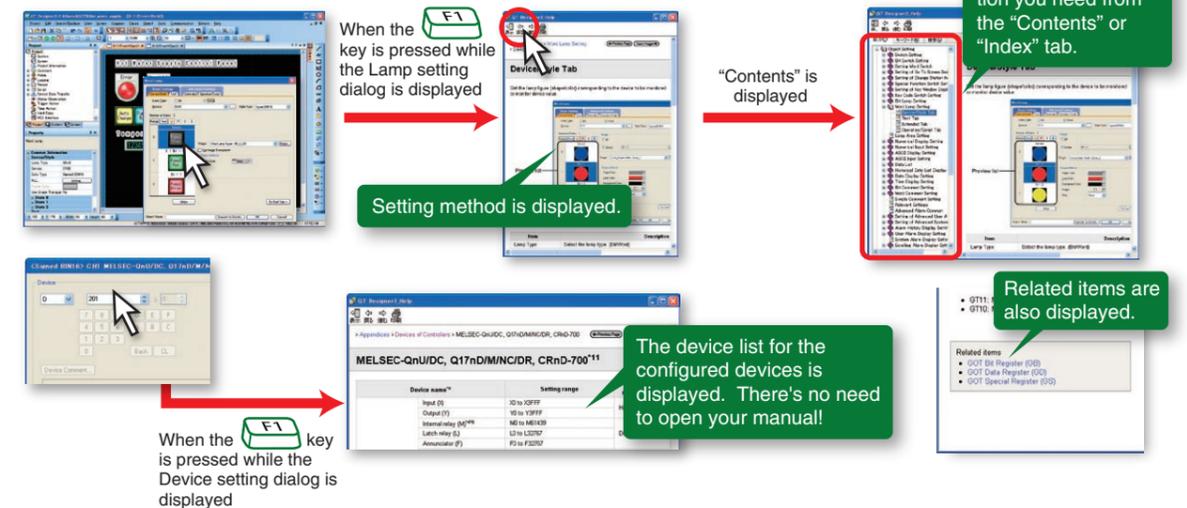
When the F1 key is pressed while the Lamp setting dialog is displayed

"Contents" is displayed

Search the information you need from the "Contents" or "Index" tab.

Setting method is displayed.

Related items are also displayed.

The device list for the configured devices is displayed. There's no need to open your manual!

When the F1 key is pressed while the Device setting dialog is displayed

To enter comments and create recipe data quickly

Improve work efficiency working with other applications

Microsoft® Excel

Copy

GX Works2

Copy

Right-click, choose "Paste from Excel" from the menu, and paste.
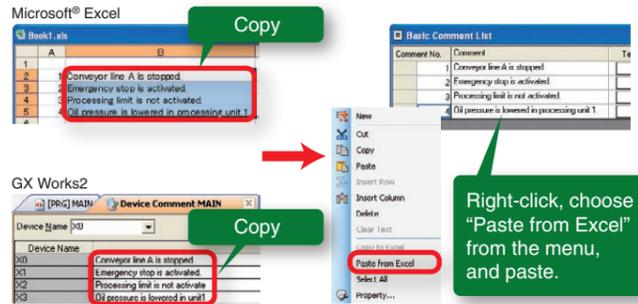
Select comments in Microsoft® Excel or GX Works2 and paste them into a comment list.
Import and export are also available for the data created in CSV/Unicode text file format.

How do these two pieces of data differ?

Verifying project data
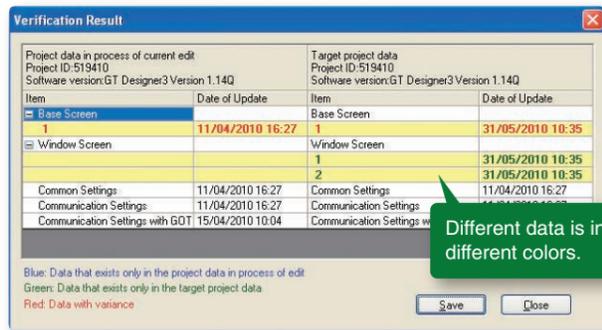
Different data is in different colors.

Verify project data.
❶ Verifying project data between data on GOT and data on a personal computer.
❷ Verifying project data being edited on a personal computer with other project data.

Preparing specifications

Printing to prepare specifications easily

Hot Water Supply Control Panel GOT Screen Specifications

2010-06-01
Corporation
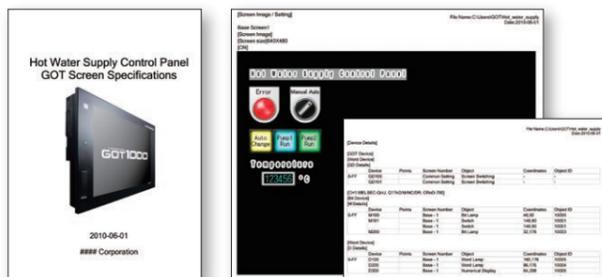
The cover, screen images, and the list of set devices can be printed or output to a file. Prepare specifications and operation manuals easily.

What can I do with MELSOFT iQ Works?   MELSOFT iQ Works

MELSOFT iQ Works lets you design systems more efficiently

MELSOFT Navigator

GT Works3

Create screens using system labels.
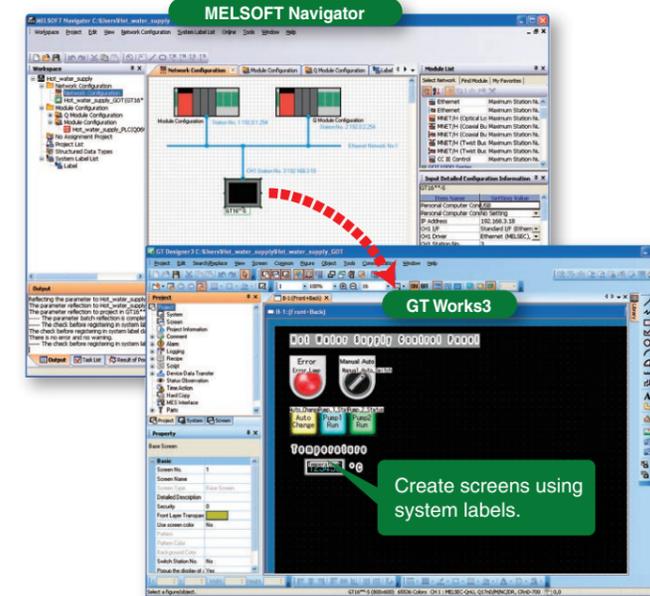
Configure a system combining GOT and PLCs and set up GOT I/F and communication drivers using MELSOFT Navigator, the system management software for the FA integrated engineering software package MELSOFT iQ Works.

System labels set by MELSOFT Navigator can be used in GT Works3.

What is MELSOFT Navigator?
MELSOFT Navigator is a MELSOFT iQ Works software application enabling you to create system configurations, set up GOT I/F and communication drivers, check power supply capacity and the number of input/output points, as well as set parameters including I/O assignment.

What is a system label?
A system label makes names of devices in connected equipment easy to understand. System labels can be shared with PLC/motion controller programs of MELSOFT iQ Works. For details, see the MELSOFT iQ Works catalog <L(NA)08232ENG>.

## Do I need to install screen design software on my PC?   Data transfer tool

Data transfer does not require screen design software!

A PC without GT Works3

USB✻1/RS-232/Ethernet✻2

Transferring screen data using the Data Transfer Tool.

✻1: GOT1000 only.
✻2: GOT1000 (GT16/GT15/GT14/GT12) only.
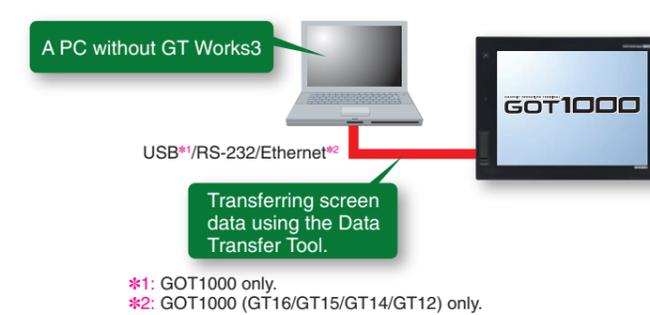
Use the Data Transfer Tool to transfer screen data from a PC without GT Works3.

● Applicable GOTs
GOT800, GO900 and GOT1000
● Transferable data
Project data
Resource data (GOT1000 only)

Supporting your screen design work by making much use of existing data assets

Configurable Templates

MELSOFT GT Works3
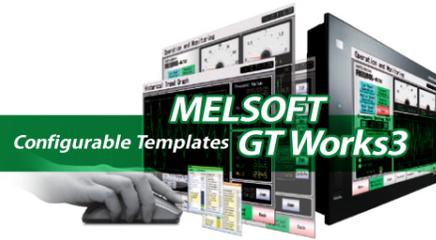
How do I edit GOT900 Series screen data?

GT Designer2 Classic

Data is edited using GT Designer2 Classic!

MITSUBISHI Integrated FA Software

GT Designer 2 Classic Version 1
GOT Drawing Software for GOT-900 series

GOT900 Series screen data is edited using GT Designer2 Classic provided with GT Works3!

Can I use screen data for the GOT800 Series?

GT Converter2

Data can be converted into the GOT1000 format with GT Converter2

GOT800 → GT Converter2 → GT Works3(GOT1000)

GT Converter2 converts project data created by previous screen design software applications to GT Works3 compatible data.

Supported screen design software
GOT800 Series screen design software (SW3NIW-A8GOTP)
Digital Electronics Corporation (Pro-face) screen design software (GP-PRO/PB Ⅲ Series)
※: Some data and functions may not be convertible.

■MELSOFT GT Works3 (English version) operating environment

Item	Details
PC	PC/AT compatible machine on which the following OS operates
OS (English, Simplified Chinese, Traditional Chinese, Korean, German versions)	Microsoft® Windows® 7 (64bit/32bit) (Enterprise, Ultimate, Professional, Home Premium, Starter) Microsoft® Windows Vista® (32bit) (Enterprise, Ultimate, Business, Home Premium, Home Basic) Microsoft® Windows® XP Service Pack2 or later (32bit) (Professional, Home Edition) Microsoft® Windows® 2000 Professional Service Pack4
CPU	1GHz or more recommended
Required memory	Microsoft® Windows® 7, Microsoft® Windows Vista®: 1GB or more recommended Microsoft® Windows® XP, Microsoft® Windows® 2000: 512MB or more recommended
Display	Resolution XGA (1024 x 768 dots) or more
Available hard disk space	To install GT Designer3: 2GB or more recommended To run GT Designer3: 512MB or more recommended
Display colors	High Color (16 bits) or more
Software	Simulation on a PC requires the following software: • GX Works2 version 1.12N or later ✱1 or GX Simulator version 5.00A or later ✱1. * The applicable software version of GX Works2 or GX Simulator varies depending on the PLC CPU to be simulated.

PLC CPU to be simulated	GX Simulator version	GX Works2 version
QCPU (A mode), ACPU, motion controller CPU (A series)	5.00A or later	–
QnACPU		
FX0 series, FX0N series, FX0S series, FX1 series, FX1N series, FX1NC series, FX1S series, FX2 series, FX2C series, FX2N series, FX2NC series	5.40E or later	1.24A or later
QCPU (Q mode) (except Q00J/Q00/Q01CPU)		1.12N or later
Q00JCPU, Q00CPU, Q01CPU	6.00A or later	
Q02PHCPU, Q06PHCPU	7.20W or later	
Q12PHCPU, Q25PHCPU	6.10L or later	–
Q12PRHCPU, Q25PRHCPU	6.20W or later	
FX3UC series, FX3U series ✱2	7.08J or later	1.24A or later
FX3G series ✱2	7.22Y or later	
FX3GC series ✱2	–	1.77F or later
Q00UJCPU, Q00UCPU, Q01UCPU, Q02UCPU, Q03UDCPU, Q04UDHCPU, Q06UDHCPU, Q10UDHCPU, Q13UDHCPU, Q20UDHCPU, Q26UDHCPU, Q03UDECPU, Q04UDEHCPU, Q06UDEHCPU, Q10UDEHCPU, Q13UDEHCPU, Q20UDEHCPU, Q26UDEHCPU	7.23Z or later	1.12N or later
LCPU	–	1.24A or later
Q50UDEHCPU, Q100UDEHCPU	–	1.30G or later

Others	Mouse, keyboard, printer, CD-ROM drive (for installation only), sound function (sound card)✱3, speaker✱3 used with the above OS
Applicable GOT	GOT1000 series
Applicable software version	GT Works3 Version 1.54G or later

✱1: Use GT Simulator3, GX Developer, GX Simulator, and GX Works2 of the same language version.
✱2: The GOT-A900 cannot be simulated.
✱3: May be required when the simulation function is used.

[Cautions]
• The software installation and the GOT-A900 simulation require administrator authority.
• Using GT Works3 application requires an account with higher privileges than the standard user in Windows® 7 and Windows Vista®.
• To use GT Works3 alongside another application in Windows® 7 and Windows Vista®, use an administrator account to run it if an administrator accout is used to run the other application.
• The following functions are not supported in Windows® 7, Windows Vista®, or Windows® XP.
  Running Applications in Windows® Compatibility Mode, Fast User Switching, Desktop Theme (Font Size) Change, Remote Desktop, DPI Setting other than 100%
• Windows XP Mode, Windows Touch features are not supported in Windows® 7.

■Product configuration

Product name	Model name	Contents		
HMI Screen Design Software MELSOFT GT Works3 Version1	SW1DNC-GTWK3-E	Single license	*CD-ROM	English version
	SW1DNC-GTWK3-EA	Multiple-licence ✱1	*CD-ROM	English version
FA Integrated Engineering Software MELSOFT iQ Works ✱2 ✱3	SW1DNC-IQWK-E	Single license	*CD-ROM	English version
	SW1DND-IQWK-E	Single license	*DVD-ROM	English version

✱1: The desired number of licenses (2 or more) can be purchased. For details, please contact your local sales office.
✱2: Multiple-license product and additional license product are also available. For more details, please refer to the MELSOFT iQ Works catalog (L(NA)08232).
✱3: The product includes the following software.
   • System Management Software [MELSOFT Navigator]
   • Programmable Controller Engineering Software [MELSOFT GX Works2]
   • Motion Controller Engineering Software [MELSOFT MT Works2]
   • Servo Setup Software [MELSOFT MR Configurator2]
   • Screen Design Software for Graphic Operation Terminal [MELSOFT GT Works3]
   • Robot Programming Software [MELSOFT RT ToolBox2 mini]

■Related major manuals
* Manuals are supplied as PDFs with the software package in the CD-ROM. Printed manuals are also available.

Manual title	Manual No.
GT Designer3 Version1 Screen Design Manual (Fundamentals) 1/2, 2/2	080866ENG
GT Designer3 Version1 Screen Design Manual (Functions) 1/2, 2/2	080867ENG
GOT1000 Series Connection Manual (Mitsubishi Products) for GT Works3	080868ENG
GOT1000 Series Connection Manual (Non-Mitsubishi Products 1) for GT Works3	080869ENG
GOT1000 Series Connection Manual (Non-Mitsubishi Products 2) for GT Works3	080870ENG
GOT1000 Series Connection Manual (Microcomputer, MODBUS Products, Peripherals) for GT Works3	080871ENG
GT Simulator3 Version1 Operating Manual for GT Works3	080861ENG
GT Converter2 Version3 Operating Manual for GT Works3	080862ENG

MEMO

MEMO

Mitsubishi Electric Corporation Nagoya Works and Himeji Works are factories certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems).

iQ Platform   MELSOFT   CC-Link IE

ISO 14001	ISO 14001	ISO 9001
EC97J1113	EC97J1234	BUREAU VERITAS Certification

Mitsubishi iQ Platform Compatible
GOT1000 Screen Design Software
MELSOFT GT Works3

Precautions for Choosing the Products

This catalog explains the typical features and functions of MELSOFT GT Works3 and does not provide restrictions and other information on usage and module combinations.
When using the products, always read the user's manuals of the products.
Mitsubishi Electric will not be held liable for damage caused by factors found not to be the cause of Mitsubishi Electric; machine damage or lost profits caused by faults in the Mitsubishi Electric products; damage, secondary damage, accident compensation caused by special factors unpredictable by Mitsubishi Electric; damages to products other than Mitsubishi Electric products; and to other duties.

⚠ For safe use

- To use the products given in this catalog properly, always read the related manuals before starting to use them.
- The products within this catalog have been manufactured as general-purpose parts for general industries and have not been designed or manufactured to be incorporated into any devices or systems used in purpose related to human life.
- Before using any product for special purposes such as nuclear power, electric power, aerospace, medicine or passenger movement vehicles, consult with Mitsubishi.
- The products within this catalog have been manufactured under strict quality control. However, when installing the product where major accidents or losses could occur if the product fails, install appropriate backup or failsafe functions in the system.

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