

Enhanced GOT Remote Interaction Function

Supporting
Android™

Mobile application Pocket GOT release

Pocket
GOT

■ Monitoring errors occurring in the shop floor by using a mobile terminal

The GOT Mobile function and **the user alarm reception function of Pocket GOT** solve the problem



■ Sharing information of errors and daily inspection results created on a mobile terminal

iQ Monozukuri Process Remote Monitoring and **the working memo function of Pocket GOT** solve the problem



Challenge

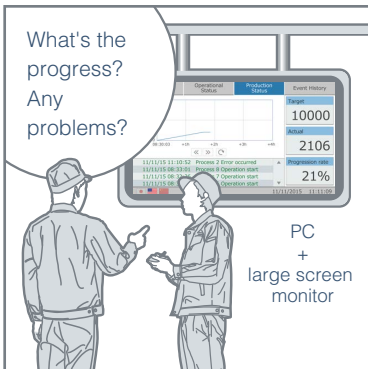
Monitoring errors occurring in the shop floor by using a mobile terminal

Previously, with GOT Mobile function

With the GOT Mobile function, the equipment status can be checked via on-site GOT using a web browser on information devices (personal computers, tablets, smartphones) from a remote location. Up to five information devices can simultaneously access a single GOT so that you can view and operate a different screen on each device.



Usage

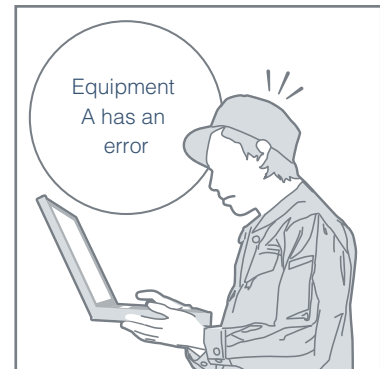


PC + large screen monitor

On a large screen



Five operators can share information on the same screen or monitor each different screen



Monitor production with one PC



For more details, please refer to the GOT2000 Series GOT Mobile Function Application Examples (L(NA)08464ENG).

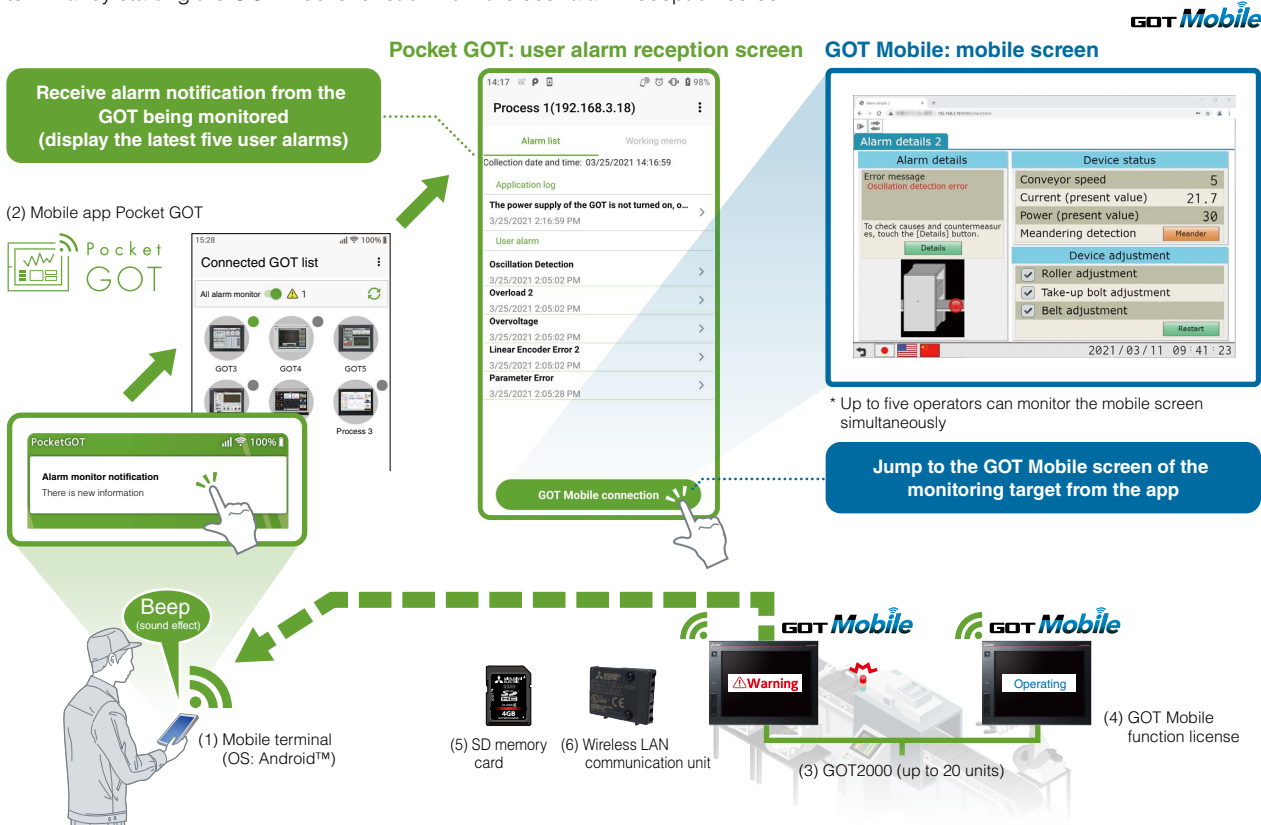
For product catalogs and Technical Bulletins, please refer to the Mitsubishi Electric Factory Automation Global website (www.MitsubishiElectric.com/fa/).

Now can be solved with the GOT Mobile function and the user alarm reception function of Pocket GOT NEW

By installing the mobile app Pocket GOT on a mobile terminal, the app collects the status of user alarms occurring in the monitored GOT and notifies you with vibration, sound, or banner when a new alarm is detected.

On the user alarm reception screen of Pocket GOT, you can check a list of the latest five alarms that are currently occurring.

Pocket GOT can register up to 20 GOTs. The status of the GOT where the user alarm has occurred can be checked on the mobile terminal by starting the GOT Mobile function from the user alarm reception screen.

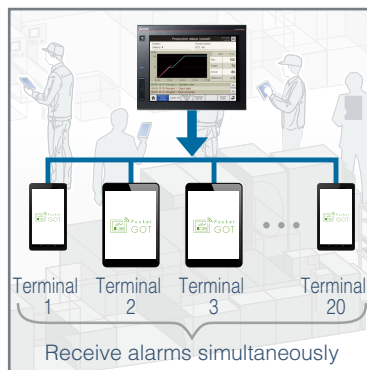


Equipment	Remarks
(1) Mobile terminal (OS: Android™)	A mobile terminal to use the mobile app Pocket GOT. Please check Google Play™ for the operating environment of the mobile terminal and Android™ OS.
(2) Mobile app Pocket GOT	The mobile application to receive alarm information from the GOT Mobile function.
(3) GOT2000	GT27, GT25 * Up to 20 GOTs can be registered as monitoring targets in Pocket GOT.
(4) GOT Mobile function license	Licenses are required for the number of GOTs to monitor.
(5) SD memory card	Required if alarms are saved in GOT.
(6) Wireless LAN communication unit, etc.	Prepare necessary items as needed. When using the wireless LAN communication unit on GOT, up to 5 mobile terminals can receive alarms from a single GOT simultaneously. To enable 20 mobile terminals to receive alarms from a single GOT, it is required to use a wireless LAN router.

Usage



Monitor up to 20 GOTs



Up to 20 operators can share information



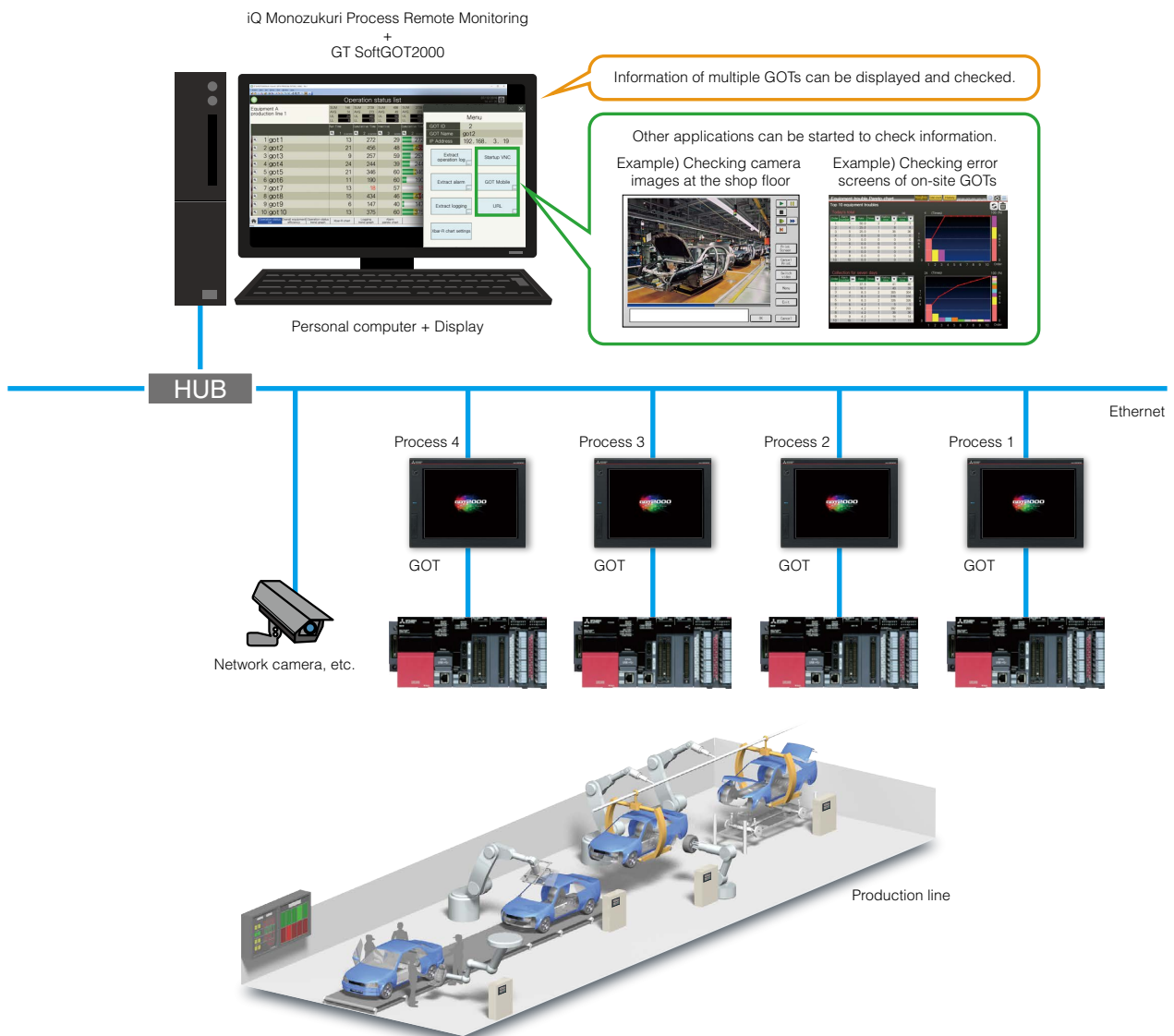
Receive alarms in a remote location (notified with vibration, sound, or banner)

Challenge

Sharing information of errors and daily inspection results created on a mobile terminal

Previously, with iQ Monozukuri Process Remote Monitoring

iQ Monozukuri Process Remote Monitoring is an application package to easily introduce IoT technologies to the shop floor, collect and visualize information of multiple devices, and collectively manage the information. The operation status of the shop floor and the information such as operation logs and alarms can be collected from each device via an on-site GOT and can be managed collectively.



For more details, please refer to the FA Application Package iQ Monozukuri Process Remote Monitoring catalog (L(NA)08674ENG).

For product catalogs and Technical Bulletins, please refer to the Mitsubishi Electric Factory Automation Global website (www.MitsubishiElectric.com/fa/).

Now can be solved with

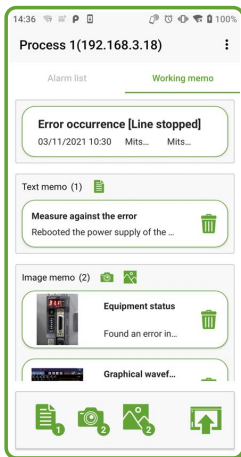
iQ Monozukuri Process Remote Monitoring and the working memo function of Pocket GOT

NEW

By installing the mobile app Pocket GOT on a mobile terminal, working memos can be created to share the information such as the daily check results of on-site equipment and the status report at the error occurrence. The working memos can save text, pictures taken, and images saved in the mobile terminal.

The created working memos can be sent and saved to the connected GOT. iQ Monozukuri Process Remote Monitoring collects the working memos saved in the GOT, allowing you to check them collectively on a personal computer and to create reports for each date, time, and place.

Pocket GOT: working memo screen

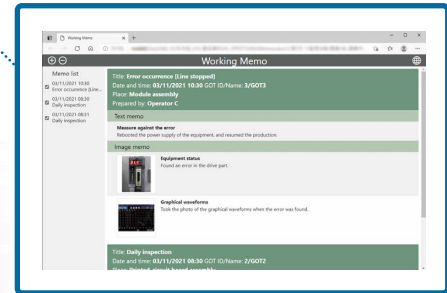


(2) Mobile app Pocket GOT

Share information using Process Remote Monitoring



Process Remote Monitoring: working memo check screen



(1) Mobile terminal (OS: Android™)

Enter working memos on mobile terminal



(8) Wireless LAN communication unit



(3) GOT2000



(7) SD memory card



(4) iQ Monozukuri Process Remote Monitoring license
(5) Personal computer
(6) GT SoftGOT2000

Equipment	Remarks
(1) Mobile terminal (OS: Android™)	A mobile terminal to use the mobile app Pocket GOT. Please check Google Play™ for the operating environment of the mobile terminal and Android™ OS.
(2) Mobile app Pocket GOT	The mobile application to save working memos created on a mobile terminal to on-site GOT.
(3) GOT2000, GOT SIMPLE	GT27, GT25, GT23, GT2107-WTBD, GT2107-WTSD, GT2104-RTBD, GT2103-PMBD, GS21
(4) iQ Monozukuri Process Remote Monitoring license	Licenses are required for the number of GOTs to collect data. * iQ Monozukuri Process Remote Monitoring version 1.005F or later should be used.
(5) Personal computer or Industrial Computer MELIPC Series	A personal computer to use iQ Monozukuri Process Remote Monitoring. (OS: Microsoft® Windows®) For the details, please refer to the iQ Monozukuri Process Remote Monitoring catalog.
(6) GT SoftGOT2000	Required to display the data collected by iQ Monozukuri Process Remote Monitoring.
(7) SD memory card	Required to save the memos created by using the working memo function to GOT.
(8) Wireless LAN communication unit, etc.	Prepare necessary items as needed.

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Usage



Send work reports to GOT



Take pictures of the equipment or the GOT screen and send them to GOT

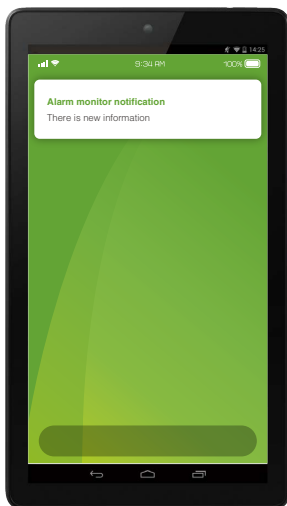


Work reports and equipment pictures saved in multiple (up to 50) GOTs can be displayed collectively on a PC for data management

What is mobile app Pocket GOT?

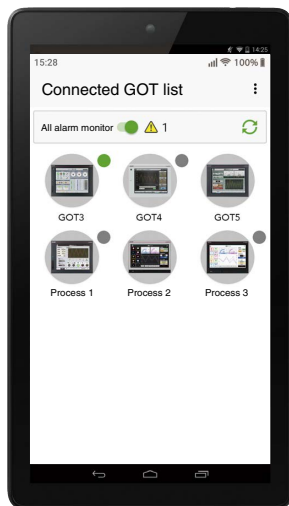
Pocket GOT is a mobile app for GOT (Graphic Operation Terminal).

With functions such as notification of alarms generated by the monitored GOT, the app supports remote monitoring and management on mobile terminals in conjunction with GOT.



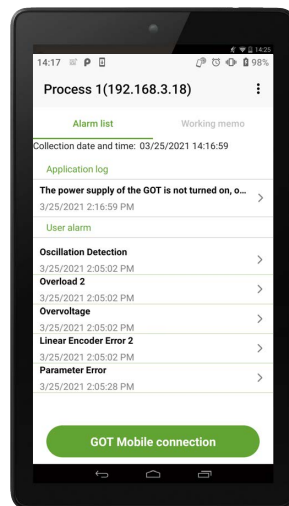
Alarm monitor notification

If an error occurred in a connected GOT, a banner to notify the alarm occurrence appears on the standby screen of the mobile terminal. Up to 20 mobile terminals can receive alarms from a single GOT.



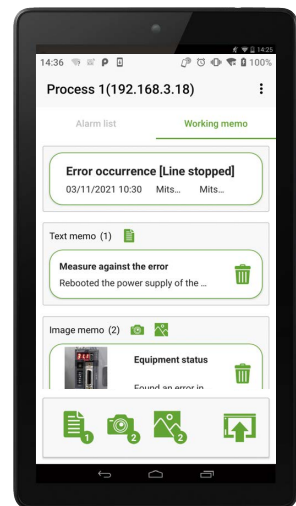
Connected GOT list

When tapping on the alarm monitor notification banner, the monitoring target GOTs are displayed in a list.



Alarm list

When tapping on the GOT with an error mark, the latest five alarms that are currently occurring are displayed.



Working memo screen

When tapping on the Working Memo tab, working memos (text, images, etc.) can be saved by linking them to generated alarms.

How to use mobile app Pocket GOT

Operating environment

Please check Google Play™ for the operating environment of the mobile terminal and Android™ OS.

How to obtain the app

The mobile app Pocket GOT can be obtained at Google Play™. Download Pocket GOT from Google Play™ and install it to the mobile terminal.

Installation procedure

1. Enter [MITSUBISHI ELECTRIC CORPORATION] in Google Play™, and search for the mobile app Pocket GOT application.
2. Pocket GOT is installed when the application is downloaded.
3. Check that the icon of Pocket GOT is displayed on the application list.



For the details of Pocket GOT, please refer to the following Technical Bulletin.

- ➔ How to Use the Pocket GOT Mobile App (No. GOT-A-0168)

For product catalogs and Technical Bulletins, please refer to the Mitsubishi Electric Factory Automation Global website (www.MitsubishiElectric.com/fa/).

Product list

Required items

Mobile App

Product name	Description
Pocket GOT	<p>The Pocket GOT can be obtained at Google Play™.</p> <p>* Please check Google Play™ for the operating environment of the mobile terminal and Android™ OS.</p> <ul style="list-style-type: none"> • Up to 20 mobile terminals can receive user alarms from a single GOT on which the GOT Mobile function is enabled. • Up to 20 GOTs can be registered to a single mobile terminal on which the mobile app Pocket GOT is installed.

GOTs

Product name	Description
GOT (GT27, GT25, GT23* ¹ , GT21* ¹ , GS21* ¹)	For the details, please refer to the Graphic Operation Terminal GOT2000 Series / GOT SIMPLE Series catalog (L(NA)08270ENG).

*¹ The user alarm reception function is not supported by GT23, GT21, and GS21.

Software

Product name	Model	Description		
HMI/GOT Screen Design Software MELSOFT GT Works3	SW1DND-GTWK3-E	English Version	Standard license product	DVD-ROM
	SW1DND-GTWK3-EA		Volume license product* ¹ * ²	
	SW1DND-GTWK3-EAZ		Additional license product* ¹ * ³	

*¹ The desired number of licenses (2 or more) can be purchased. For details, please contact your local sales office.

*² Volume license product is not sold separately and should be purchased with the standard license product.

*³ This product does not include the DVD-ROM. Only the license certificate with the product ID No. is issued.

Additional items required to use the user alarm reception function

Software

Product name	Model	Number of licenses	Number of monitorable GOTs	Number of clients that can access a single GOT
GOT Mobile Function License* ¹	GT25-WEBSKEY-1	1 license	1	GOT Mobile clients: 5
	GT25-WEBSKEY-5	5 licenses	5	
	GT25-WEBSKEY-10	10 licenses	10	
	GT25-WEBSKEY-20	20 licenses	20	

*¹ Each GOT requires one license.

Additional items required to use the working memo function

Application package

Product name	Model	Number of licenses	Number of monitorable GOTs
iQ Monozukuri Process Remote Monitoring* ¹ * ²	AP30-PRM001AA-MA	1 license	5
	AP30-PRM001AA-MB	5 licenses	25
	AP30-PRM001AA-MC	10 licenses	50

*¹ Process Remote Monitoring setting tool, iQ Monozukuri Process Remote Monitoring template project for GT SoftGOT2000, and the Process Remote Monitoring license are included.

*² To use the working memo function, it is required to use iQ Monozukuri Process Remote Monitoring Version 1.005F or later.

Options

Product name	Model	Description
SD memory card	NZ1MEM-2GBSD	SD memory card for GOT, 2 GB
	NZ1MEM-4GBSD	SDHC memory card for GOT, 4 GB
	NZ1MEM-8GBSD	SDHC memory card for GOT, 8 GB
	NZ1MEM-16GBSD	SDHC memory card for GOT, 16 GB

Software

Product name	Model	Description
License key for GT SoftGOT2000* ¹	GT27-SGTKEY-U	USB port license key

*¹ License key for GT SoftGOT2000 is required for each personal computer that uses iQ Monozukuri Process Remote Monitoring.

When using Industrial Computer MELIPC Series (MI3321G-W, MI3315G-W), GT SoftGOT2000 is pre-installed so that it is not required to purchase separately.

Other

For the GOTs, wireless LAN communication unit, and other related products, please refer to the following catalog.

➔ Graphic Operation Terminal GOT2000 Series / GOT SIMPLE Series catalog (L(NA)08270ENG)

For product catalogs and Technical Bulletins, please refer to the Mitsubishi Electric Factory Automation Global website (www.MitsubishiElectric.com/fa/).



The release date varies depending on the product and your region. For details, please contact your local sales office.

The actual color may differ slightly from the pictures in this catalog.
The actual display may differ from what are shown on GOT screen images.

⚠ Precautions for safe use
To use the products given in this publication properly, always read the relevant manuals before beginning operation.

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