Help For Backup Data Conversion Tool

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1 INTRODUCTION

Backup data are created by the backup/restore function, and the backup data are stored in a memory card. Backup Data Conversion Tool enables the backup data to convert into data editable with GX Developer. The tool also enables backup data edited by GX Developer to convert into data for the restoration on the GOT. For details of the backup/restore function for the GOT, refer to the following.

☞ GOT1000 Series User's Manual (Extended Functions, Option Functions) for GT Works3

GOT1000 Series Extended/Option Functions Manual

Point

Data to be converted

Only backup data created by the backup/restore function can be converted with Backup Data Conversion Tool.

The following data cannot be converted with Backup Data Conversion Tool.

- Newly-created data by GX Developer
- Backup data with new files added by GX Developer
- Backup data for the Q00JCPU, Q00CPU, Q01CPU, and FXCPU

2 OPERATING ENVIRONMENT

Use Backup Data Conversion Tool in the following operating environment.

Item	Description
Personal computer	Personal computer that Windows runs on.
OS (English)	Microsoft Windows 10 Enterprise (32 bit, 64 bit)*1*2*3 Microsoft Windows 10 Pro (32 bit, 64 bit)*1*2*3 Microsoft Windows 10 Home (32 bit, 64 bit)*1*2 Microsoft Windows 8.1 Enterprise (32 bit, 64 bit)*1*2*3*4 Microsoft Windows 8.1 Pro (32 bit, 64 bit)*1*2*3*4 Microsoft Windows 8.1 (32 bit, 64 bit)*1*2*4 Microsoft Windows 8 Enterprise (32 bit, 64 bit)*1*2*3*4 Microsoft Windows 8 Pro (32 bit, 64 bit)*1*2*3*4 Microsoft Windows 8 (32 bit, 64 bit)*1*2*4 Microsoft Windows 7 Ultimate (32 bit, 64 bit)*1*2*5 Microsoft Windows 7 Enterprise (32 bit, 64 bit)*1*2*5 Microsoft Windows 7 Professional (32 bit, 64 bit)*1*2*5 Microsoft Windows 7 Home Premium (32 bit, 64 bit)*1*2 Microsoft Windows 7 Starter (32 bit)*1 Microsoft Windows Vista Ultimate (32 bit) Service Pack1 or later*1 Microsoft Windows Vista Enterprise (32 bit) Service Pack1 or later*1 Microsoft Windows Vista Business (32 bit) Service Pack1 or later*1 Microsoft Windows Vista Home Premium (32 bit) Service Pack1 or later*1 Microsoft Windows Vista Home Basic (32 bit) Service Pack1 or later*1 Microsoft Windows XP Professional (32 bit) Service Pack2 or later*1 Microsoft Windows XP Home Edition (32 bit) Service Pack2 or later*1 Microsoft Windows 2000 Professional Service Pack4 or later
CPU	Use the CPU which the above OSs run on.
Memory	Use the memory which the above OSs run on.
Display	Resolution 640 × 480 dots or more
Hard disk space	500KB or more
Display color	High Color (16 bits) or more
Others	Mouse, keyboard, memory card, or card reader

*1 The following functions are not supported.
- Application start in Windows compatibility mode
- Fast user switching
- Change your desktop themes (fonts)
- Remote desktop
- DPI setting other than the normal size (For Windows Vista and Windows XP)

*2 The touch feature is not supported.

*3 Hyper-V is not supported.

*4 Modern UI Style is not supported.

*5 Windows XP Mode is not supported.

3 HOW TO INSTALL AND START BACKUP DATA CONVERSION TOOL

Installing Backup Data Conversion Tool is not required.
Start Backup Data Conversion Tool with the following procedures.

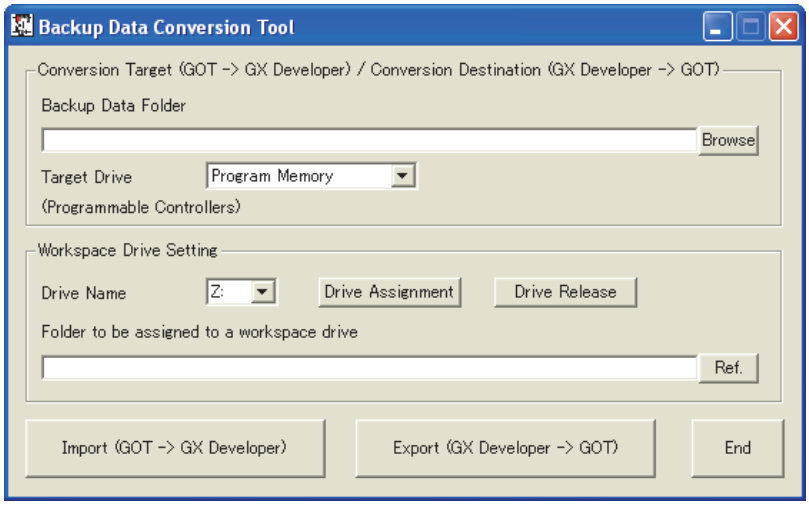
1. Copy BkupRstrDataConv.exe to the hard disk and others on the personal computer.
   Get the above file from one of the followings.
   - DVD-ROM (Disk5 folder) of GT Works3
   - GTD3 folder on the personal computer*1
   - CD-ROM (Disc2) of GT Works2/GT Designer2
   - GTD2 folder on the personal computer*1
   - Contact your local distributor.
2. Double-click the copied BkupRstrDataConv.exe, and then the tool starts. Refer to the following, and set the tool.

*1 If you run BkupRstrDataConv.exe in the folder where the software is installed, the settings in the setting dialog are not retained when you run the file next time.
To retain the settings, copy and run BkupRstrDataConv.exe in any location other than in the folder where the software is installed.

4 HOW TO USE BACKUP DATA CONVERSION TOOL

4.1 Setting Items

The following shows the setting items of Backup Data Conversion Tool.



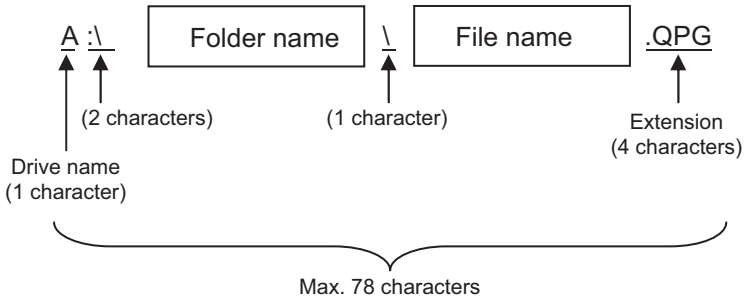
Item		Description
Conversion Target		Specify data to be converted.
	Backup Data Folder*1	Specify the storage location of the backup data (setting data: UNITINFO.G1B) created with the backup/restore function by clicking the [Browse] button.
	Target Drive	Select the PLC drive that has setting data to be converted.
Workspace Drive Setting		Set the settings for editing backup data with GX Developer.
	Drive Name	Specify [IC Card drive] to be specified for [Read IC memory card] and [Write IC memory card] on GX Developer.
	Folder to be assigned to a workspace drive*1	Specify the target folder of [Drive Name] by clicking the [Ref.] button.
	[Drive Assignment]	Click the item, and then [Folder to be assigned to a workspace drive] is assigned to [Drive Name]. ([Folder to be assigned to a workspace drive] is automatically assigned to [Drive Name] normally. Use the button when the drive assignment setting is canceled by clicking the [Drive Release] button and a drive is assigned again.)
	[Drive Release]	Click the item, and then the drive assignment setting is canceled.
[Import (GOT → GX Developer)]		Converts the backup data to data editable with GX Developer
[Export (GX Developer → GOT)]		Converts data edited by GX Developer to data applicable to the backup/restore.
[End]		Ends Backup Data Conversion Tool.

For details of *1, refer to the following.

***1 Folder name and file name**

(a) Number of characters set for folder and file names
The GOT recognizes the file location with a path as shown below.
Set the folder and file names so that the total number of characters in the path is within 78 characters.
The user can set the folder name and file name only.
(Other than the folder and file names are automatically set.)

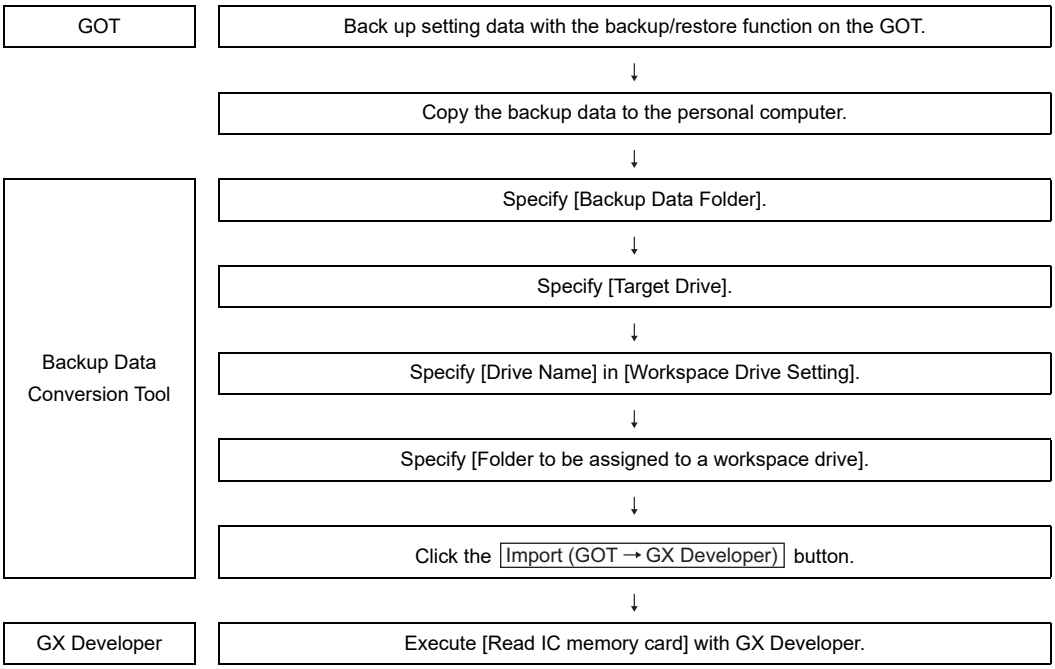
Example) Path of QPG file to be stored in memory card



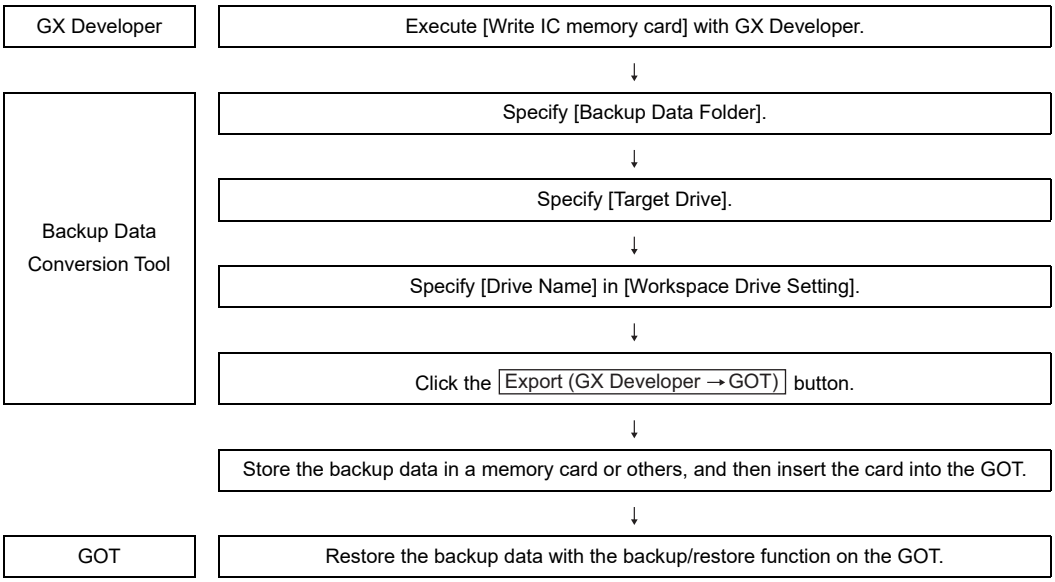
4.2 Operation Flow

The following shows the operation flow for Backup Data Conversion Tool.

(1) Editing backup data with GX Developer



(2) Restoring data edited by GX Developer



5 PRECAUTIONS

(1) Using a PCL CPU incompatible with an IC memory card

The Q00JCPU, Q00CPU, Q01CPU, and FXCPU do not support the read/write IC memory card function of GX Developer. Therefore, backup data converted with Backup Data Conversion Tool cannot be edited.