GX Simulator Supports Online Program Write
Allows PLC program operations to be quickly and easily checked.

Improved Program Integration
Easy integration of other programs using labels.

Improved Editing Screen Functionality
Programming screens can now be scrolled using a mouse wheel.

Mitsubishi Electric Corporation Nagoya Works is a factory certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems).
1. **GX Simulator Supports Online Program Write**

By using GX Simulator online program write, programs can be brought up right away without having to download/upload step-by-step as was used in the previous version. Also the previous state device values are held.

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**Previously...**

Approx. 30 seconds

- Program is edited.
- Program conversion
- Program selection at PLC writing window
- PLC writing
- GX Simulator STOP
- GX Simulator RUN

**Now...**

Approx. 5 seconds!

- Program is edited.
- Writing to GX Simulator while program is online
- Faster without tedious task!

**Edited program is checked.**

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*1: This function cannot be used with FX Series projects.*
2. Improved Program Integration

Programs using direct device addressing can be easily incorporated into label type projects, without having to copy and paste the program together with a label program, which was previously required.

3. Improved Editing Screen Functionality

The screen can now be scrolled using the mouse wheel. *2

*2: Cannot be used when running Windows 95 and Windows NT Workstation 4.0.
<table>
<thead>
<tr>
<th>Version</th>
<th>Date Marketed</th>
<th>History</th>
</tr>
</thead>
</table>
| Ver.8   | 8.27D September, 2005 | • Writing function while GX Simulator is running.  
• Program integration into label programs.  
• Support of mouse wheel.  |
|         | 8.24A May, 2005 | • Support of FX3UCPU.  
• The desired head device settings are possible for each station, using the multiple CPU refresh setting. *3  
• Support of system monitor’s redundant power supply system display. *3  
• Standard RAM selectable as sampling trace data save destination. *3  |
|         | 8.22Y January, 2005 | • Support of USB transparent function at GOT1000.  |
|         | 8.20W October, 2004 | • Support of MELSECNET/H extended mode. *4  |
|         | 8.17T July, 2004 | • Support of redundant CPU.  |
|         | 8.11M November, 2003 | • Support of cross reference function.  
• Support of ST language debugging function.  
• Support of device batch replacement.  |
|         | 8.03D April, 2003 | • Support of CC-Link Ver.2.  |
|         | 8.00A February, 2003 | • Support of CC-Link-CC-Link/LT bridge function.  
• Support of GOT900 transparent function.  
• Support of basic model QCPU function version B.  
• Support of ST language.  
• Support of Windows XP.  |
| Ver.7   | May, 2001 | • Support of basic model QCPU.  
• Support of FB function.  |
| Ver.6   | October, 2000 | • Label programming function added.  
• Support of MELSECNET/H remote I/O net.  
• Support of high-performance model QCPU’s multiple-CPU function.  |
| Ver.5   | January, 2000 | • Support of FX1SCPU, FX1NCPU, A173UHCPU (S1).  
• Support of FX Series SFC.  
• Support of MELSAP-L. of FX1SCPU, FX1NCPU, A173UHCPU (S1).  |
| Ver.4   | September, 1999 | • Support of high-performance model QCPU.  
• Intelligent function module setting utility add-in for GX Developer.  
• System monitor function added.  
• Graphical connection destination setting screen introduced.  |
| Ver.3   | March, 1999 | • Support of SFC language.  
• Telephone line function added.  
• Support of CC-Link diagnosis.  
• Support of motion controller sequence.  
• Data conversion software add-on for text data and Excel data (CSV format data).  |
| Ver.2   | August, 1998 | • Support of FX Series.  
• Support for reading programs that were created by FX Series programming tools.  |

*3: Supported by modules with serial No. comprising the first 5 digits shown below, and with the indicated function versions (and later).  
• High-performance model QCPU: Serial No. first 5 digits [07032], function version B.  
• Process CPU: Serial No. first 5 digits [07032], function version C.  
• Redundant CPU: Serial No. first 5 digits [07032], function version D.  

*4: Supported by MELSECNET/H network modules with serial No. having [06092] as the first 5 digits, and with function versions of "D" and later.
### GX Simulator version upgrade history

<table>
<thead>
<tr>
<th>Version</th>
<th>Date Marketed</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Ver.7</td>
<td>September, 2005</td>
<td>- Support of writing while GX Simulator is running.</td>
</tr>
<tr>
<td></td>
<td>7.00A September, 2004</td>
<td>- Other station device reading/writing function from MX Series added.</td>
</tr>
<tr>
<td>Ver.6</td>
<td>June, 2004</td>
<td>- Support of redundant CPUs.</td>
</tr>
<tr>
<td></td>
<td>January, 2003</td>
<td>- Support of basic model QCPU functions version B.</td>
</tr>
<tr>
<td></td>
<td>October, 2002</td>
<td>- Initial screen minimizing function added.</td>
</tr>
<tr>
<td></td>
<td>March, 2002</td>
<td>- Support of process CPU.</td>
</tr>
<tr>
<td></td>
<td>July, 2001</td>
<td>- Serial communication function added.</td>
</tr>
<tr>
<td>Ver.5</td>
<td>February, 2000</td>
<td>- Support of FX1SCPU and FX1NCPUs.</td>
</tr>
<tr>
<td></td>
<td>August, 1999</td>
<td>- Support of high-performance model QCPU.</td>
</tr>
<tr>
<td>Ver.4</td>
<td>April, 1999</td>
<td>- Timing chart function added.</td>
</tr>
<tr>
<td>Ver.3</td>
<td>November, 1998</td>
<td>- Support of FX Series.</td>
</tr>
</tbody>
</table>

(1)GX Developer/GX Simulator/GX Works

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Model</th>
<th>Model code</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SW4D5C—QSET—E</td>
<td>13PW65</td>
<td>GX Developer, GX Simulator, GX Explorer, and GX Configurator-AD, DA, SC and CT, 7-product set</td>
</tr>
</tbody>
</table>

(2) Volume license products

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Model</th>
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<tbody>
<tr>
<td>GX Developer Version8 (CD-ROM edition) Volume license product</td>
<td>SW8D5C—GPPW—EA</td>
</tr>
<tr>
<td>GX Developer Version8 (CD-ROM edition) Volume license version upgrade product</td>
<td>SW8D5C—GPPW—EAV</td>
</tr>
<tr>
<td>GX Simulator Version7 (CD-ROM edition) Volume license product</td>
<td>SW7D5C—LLT—EA</td>
</tr>
<tr>
<td>GX Simulator Version7 (CD-ROM edition) Volume license version upgrade product</td>
<td>SW7D5C—LLT—EAV</td>
</tr>
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(3) Additional license products

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<thead>
<tr>
<th>Product Name</th>
<th>Model</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>GX Developer Version8 Additional license product</td>
<td>SW8D5C—GPPW—EAZ</td>
<td>No CD-ROM is provided with this product. Only a license certificate indicating the product ID No. is issued.</td>
</tr>
<tr>
<td>GX Simulator Version7 Additional license product</td>
<td>SW7D5C—LLT—EAZ</td>
<td>No CD-ROM is provided with this product. Only a license certificate indicating the product ID No. is issued.</td>
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</table>
**GX Developer Ver.8**

**Manual Name**
- GX Developer Version 8 Operating Manual (Startup)
- GX Developer Version 8 Operating Manual (Structured Text)
- GX Developer Version 8 Operating Manual (MELSAP-L)
- GX Developer Version 8 Operating Manual (SFC)
- GX Developer Version 8 Operating Manual
- GX Developer Version 8 Operating Manual (Function Block)
- GX Developer Version 8 Operating Manual (Program Guidebook)

**Manual supply status**
- Sold separately

**Model code**
- SH-080372E
- SH-080373E
- SH-080374E
- SH-080375E
- SH-080376E
- SH-080376E
- SH-080376E
- SH-080376E
- SH-080376E
- SH-080376E
- SH-080376E

**Country/Region**
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- Hong Kong
- South Africa
- France
- Spain
- Italy
- U.K
- Germany
- Brazil
- U.S.A

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- Tel: +34-93-555-3131
- Tel: +38-95-89-2498
- Tel: +33-1-5568-5558
- Tel: +33-1-5568-5685
- Tel: +47-11-928-000
- Tel: +47-11-392-2354
- Tel: +86-21-6475-3228
- Tel: +86-21-6474-6996

**Sold separately**

**Manuals**

- GX Simulator Ver.7
- GX Developer Version 8 Operating Manual
- GX Developer Version 8 Operating Manual (Structured Text)
- GX Developer Version 8 Operating Manual (MELSAP-L)
- GX Developer Version 8 Operating Manual (SFC)
- GX Developer Version 8 Operating Manual
- GX Developer Version 8 Operating Manual (Function Block)
- GX Developer Version 8 Operating Manual (Program Guidebook)

**Manual supply status**
- Sold separately

**Model code**
- SH-080468ENG

**Country/Region**
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- Germany
- Brazil
- U.S.A

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- Tel: +65-6474-7489
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- Tel: +82-2-682-6302
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- Tel: +61-2-9684-7245

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