



RELEASE NOTES

Rtg300 Interface Library v1.22

These release notes contain important information about the new software and how it will affect the performance of systems in which it is installed. The notes include information about enhancements, adaptive changes, and corrections to known problems. Please read this documentation carefully.

Compatibility:

CDW300 – v2.25 to 2.28
GP300 FW – RMS1780-00-J

Documentation:

Rtg300 Interface Library User's Guide v2.03

Installation:

See Section 1.3, Rtg300 Interface Library User's Guide v2.03

1. Version 1.13 to 1.20
 - a) Thread synchronization problems were corrected in two areas.
 - b) Time-dependent errors in port I/O operations were corrected.
 - c) Macros were added to rtgerr.h to help with extraction of error information.

2. Version 1.20 to 1.21
 - a) Corrected problems in the distribution build procedure. All of the project (.dsp) files have been made as similar as possible, making the build procedures uniform. The compile and link operations are completely defined by the project and workspace (.dsw) files, and do not depend on system or user environment variables other than those necessary to install Visual C++.
 - b) RtgSetMultipleValues now has two overloads. The second overload replaces RtgSetMultipleValuesAll, which was never documented, and was introduced into the code for compatibility with a custom release. This name (RtgSetMultipleValuesAll) was reintroduced in subsequent releases to make the custom and standard versions converge.

3. Version 1.21 to 1.22

- a) New subroutines support commands added to the GP300 command set:

<i>Name</i>	<i>GP300 Command</i>	<i>Rtg300 User's Guide – page #</i>
RtgClearDisplay	CLD	3–26
RtgPrintHorizMessageOnce	PHMS1	3–48
RtgPrintLongMessageOnce	PHML1	3–49
RtgPrintVertMessageOnce	PVM1	3–49
RtgSetMinMaxValues	SSVMM	3–56
RtgSynclmmediate	SSYN	3–61

- b) Rtg300 now notifies the application when a frame is accepted for queuing, rather than when it is recognized as a complete frame.
- c) RtgSetMultipleValuesAll duplicates the second overload of RtgSetMultipleValues. This maintains source-level compatibility with applications written for a custom version previously released – see item 2b.