

# General Specifications

Model CHS2100  
SOE Viewer Package



## GS 32S02D10-21E

### ■ GENERAL

This GS describes the specifications of the SOE Viewer Package(\*2) used to view event information, which is gathered using the sequence-of-events recorder (SOER) function(\*1), on the HIS operation and monitoring station of the CENTUM VP/CS 3000 or on a general-purpose PC.

- \*1: For details on the SOER function, see "CFS1300/CFS1100 Safety Control Functions Package" (GS 32R03B20-21E, GS 32S03B10-21E).
- \*2: The CHS5100 Safety System Generation and Maintenance Package includes the SOE viewer functions.

### ■ FUNCTION SPECIFICATIONS

The SOE viewer uploads and displays the event log (event and diagnostic information) of a specified safety control station (SCS). The viewer also has various filtering and trip reporting functions.

#### ● Display of Event Logs

The SOE viewer displays the event logs of an SCS. With the viewer, the operator can simultaneously view the event logs of up to eight SCSs. Events defined as trip signals are displayed in different colors, to distinguish them from other events.

Table Event Log Display Specifications

		Time-stamp	Qualith	Type	ID	Resource	Reference	Message
Event information	Digital input	Date and time of event generation (*1)	Measure of quality for the accuracy of event generation time (*2)	SOER	EVT_TRUE EVT_FALSE	Station name	Channel comment (32 bytes)	Data value (numeric)
	Digital output							Data value (alarm status)
	Function blocks for analog input					Station name	Arbitrary character strings (32 bytes) attached to function blocks	Data value (numeric)
	Function blocks dedicated to SOER function							Data value (numeric)
Diagnostic information			BSYS	Message number and alarm class	Station name	Station name	Message text	

- \*1: Time stamp resolution of events collected by a digital input module is 1 ms. Other events are collected by CPU module and their time stamp resolution is equivalent to SCS scan period.
- \*2: The viewer displays a measure of quality for time accuracy only when the GPS time synchronization method is selected.

#### ● Display of Trip Reports

The viewer displays event logs contained in the trip signal files of an SCS. The specifications of the trip report display are the same as the event log display specifications shown above.

#### ● Export

The operator can export event logs and trip reports in a CSV format.

#### ● Printing

The operator can print event logs and trip reports.

#### ● Filtering

The operator can configure filtering functions for event logs and trip reports.

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## ■ SYSTEM REQUIREMENTS

Refer to the GS “ProSafe-RS Safety Instrumented System Overview” (GS 32R01B10-21E, GS 32S01B10-21E).

## ■ OPTIONAL PACKAGES

Users can add the following optional package to the SOE viewer.

CHS2200 SOE OPC interface package

## ■ MODELS AND SUFFIX CODES

		Description
<b>Model</b>	CHS2100	SOE viewer package [Medium model: CHSKM02-V11]
<b>Suffix Codes</b>	-V	Software license
	1	Always 1
	1	English version

## ■ ORDERING INFORMATION

Specify the model and suffix codes.

## ■ TRADEMARKS

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