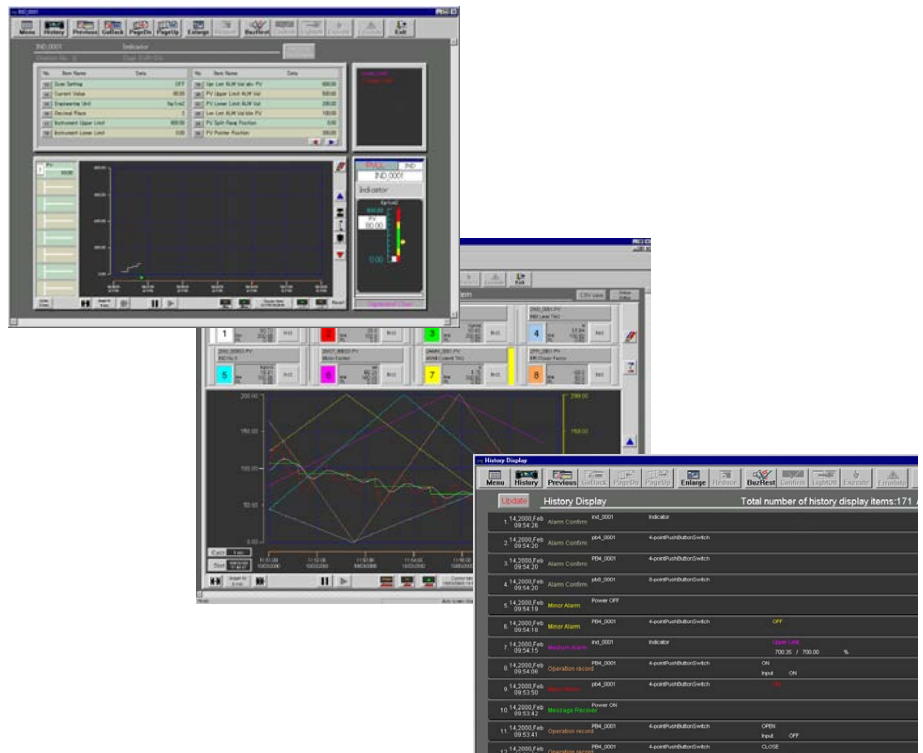# TOSHIBA
Leading Innovation >>>

DS

TOSDIC-CIE DS

PLC connection

Integrated monitoring & control of PLCs as a part of DCS function

- ・Tag-based monitoring by OIS
- ・Abundant tag instrument displays
- ・Storing and display of data history using trend function
- ・Setting of the alarm attribute to data
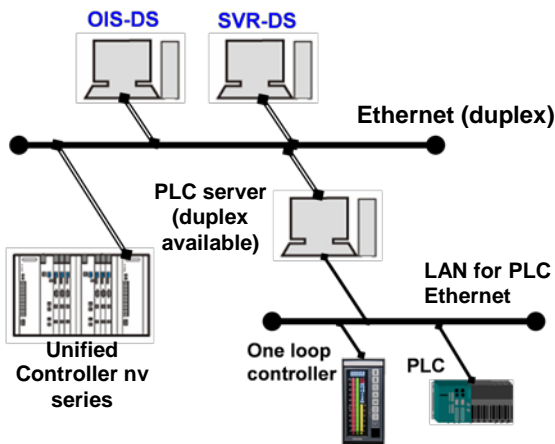- ・Alarm filtering by signal classification
- ・Display of alarm history

There are the following two methods to connect PLC to TOSDIC-CIE DS.

(1) To connect through PLC server.

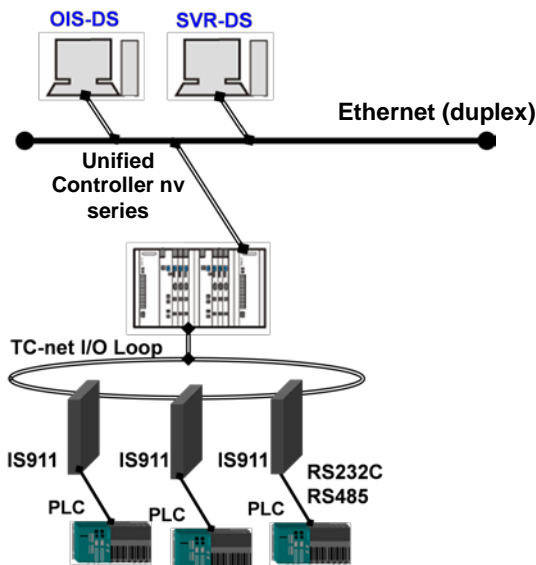**(2) To connect through TC-net I/O, a serial I/O system of Unified Controller.**

(1) To connect through PLC server
PLCs can be connected through PLC server using Ethernet as the connection interface. Connectable PLCs includes MELSEC-A series and SYSMAC CS/J series. (For other models, please contact us.)

Features: With the use of dedicated Ethernet, up to 16 PLCs can be connected through a PLC server. Tags available include indicator, push-button (2-pnt, 4-pnt and 8-pnt), power factor indicator and setting value output. PLC server engineering tools apply tags.

Recommended usage: This method is suitable to display and set the data in PLC through OIS.

(2) To connect through TC-net I/O
PLCs can be connected through general-purpose PLC communication interface module IS911 of TC-net I/O using RS232C or RS485 as the connection interface. Connectable PLC includes MELSEC-AnU series. (For other models, please contact us.)

Features: One IS911 is connected to one PLC. The data in PLC is treated in the same way as that in I/O, and can be used in combination with the tags available in Unified Controller nv series.

Recommended usage: This method is suitable to use the data in PLC in combination with the data in Unified Controller nv series for control.

⚠ Notes

● Specifications or designs described in this catalog are subject to change without prior notice due to design change or other reasons.
● The contents in this catalog is as of January 2014.
● The name of the products described in this catalog may be used as a trademark by each company.

EG16019E