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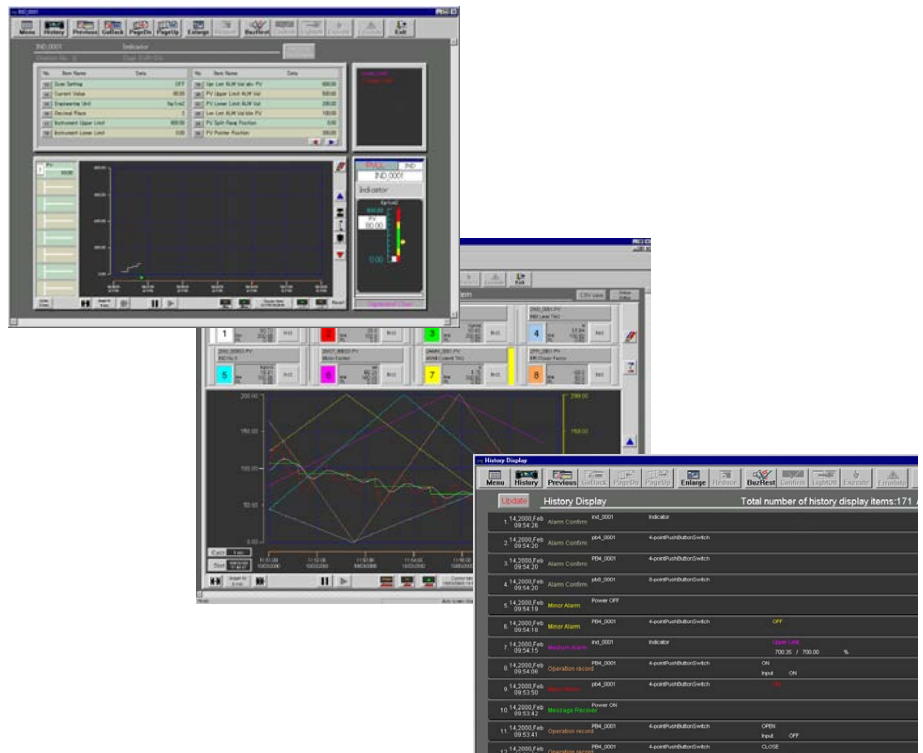
DCS

TOSDIC-CIE

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



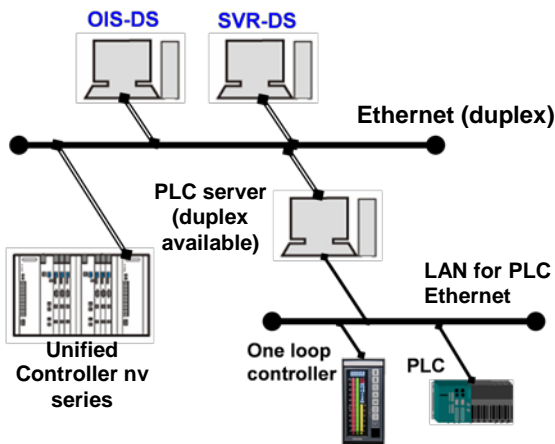
Toshiba Group contributes to the sustainable future of planet Earth.



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.

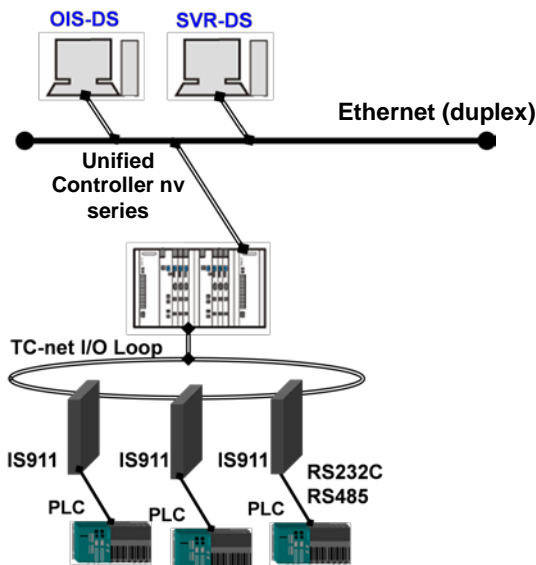


(1) To connect through PLC server

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.

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