

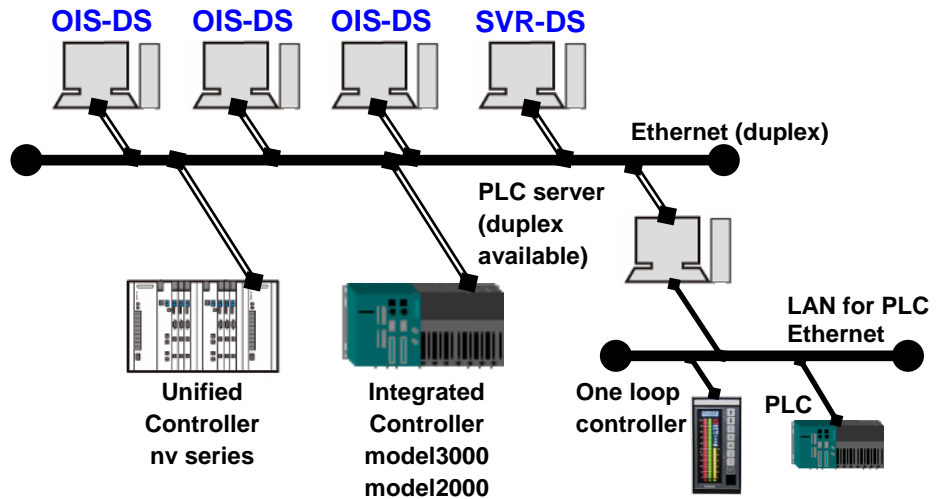
TOSHIBA

Leading Innovation >>>

TOSDIC-CIE DS

Human Interface "OIS-DS" Server Station "SVR-DS"

Integrated monitoring station for Toshiba integrated control system TOSDIC-CIE DS



Human interface "OIS-DS"

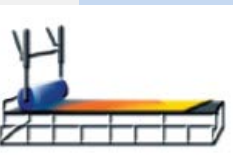
Provides a comfortable operation environment with abundant monitoring/operation functions.

- Calling up the appropriate screen and easy-to-read multi-window
- Equipped with a variety of functions to support monitoring operations
- Various alarm processing methods
- Group screen/multi-loop operation

Server Station "SVR-DS"

Ensure the reliability of monitoring operations by protecting important data in the plants using a duplex system.

- Accumulation/management of trend data, report data and history data in database
- Creation/management of tags for internal processing and used for monitoring display
- Connection of peripherals used in the system, and monitoring of application programs



Toshiba Group contributes to the sustainable future of planet Earth.



Two types of system configurations are available depending on your requirements.

● Large-scale system with up to 20,000 tag points

For a large-scale system with up to 20,000 tag points, the configuration consists of a combination of human interface OIS-DS53 and server station SVR-DS53.

● Medium/small-scale system with up to 8,000 tag points

For a medium/small-scale system with up to 8,000 tag points, a space-saving and highly-advanced system can be constructed using human interface OIS-DS63 with built-in server function.

Maximum number of connectable units

	Medium/small-scale system	Large-scale system
Server station SVR-DS63	-	A single device or a pair of duplex devices
Human interface with built-in server OIS-DS63	A single device or a pair of duplex devices	-
Human interface OIS-DS53	A total of 16 units including OIS-DS63	A total of 22 units
PC equipped with ONS OPC server	Equivalent to or less than the above	Equivalent to or less than the above
Unified controller Integrated controller PCS-DS, PCS/E DPCS, DPCS/E	A total of 32 units	A total of 32 units

- OPC (OLE for Process Control) : Industrial standard specification for the transfer of process data
- ONS (Open Network Service) : A data access service between equipment connecting to the control LAN in TOSDIC-CIE DS system

Major specifications

	OIS-DS63	OIS-DS53	SVR-DS63
Tag point	8000 points/system	20000 points/system	
Historical tag point	2500 points/system	5000 points/system	
Real-time trend point	1024 points/system		
Applicable control LAN	100M/1G Ethernet		
Human interface standard functions	○	○	—
Server station standard functions	○	—	○

- OIS-DS/SVR-DS is based on Toshiba's industrial PC under the condition of 24-hour continuous operation.
- Human interface standard functions: Display and operation of OIS standard screen/graphic screen, process/system alarm monitoring etc.
- Server station standard functions: Historical/form database, internal tag/OIS parameter/guidance, history saving/message printing etc.

Main optional software

- OPC server (DA/AE) Package
Read/write tag data managed by the controller of TOSDIC-CIE DS system, and receive process alarm. Run on Windows® PC equipped with ONS support package.
- Remote OIS Package
Provide remote system monitoring using information LAN. Up to four units of remote OIS can be connected to a host OIS-DS.
- 2CRT OIS Package
Support multi-monitor operation function with OIS-DS. Two pairs of monitors with the maximum resolution of 1920×1200 can be mounted both vertically and horizontally for a unit of OIS-DS. A set of accessories including a mouse, operator's keyboard and engineering keyboard can be connected.

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