

High Availability Technology

Dual-redundant Platform for Computer

Yokogawa's reliable technology
eliminates concerns over availability.

A v a i l a b i l i t y



24/7



Challenge 01

Incomplete data
collection may
affect production.

Be free from
sudden production disturbance
due to computer failure.



Challenge 02

System restoration needs
extra manpower.



Challenge 03

Restoring the data
and system is a
complex process.

Seamless Failover

When the Dual-redundant Platform detects hardware failure or other abnormalities in the active server, the standby server takes over immediately (within one second). Since the switching time is much shorter than the control process cycle, incomplete data collection does not occur. Processing is not disrupted or overlapped even during high-speed computations because the servers are switched securely and data processing continues. The IP address also remains the same, so the switchover does not affect the operation of client computers.

Achieving Sustainable Plant

There is no need to suspend production in order to replace it, even when a hardware failure or deterioration occurs in a computer.

Easy to use just like a non-redundant system

The system does not require any special IT skills to operate, and can be used the same as conventional single PC systems.



*Yokogawa's high-availability system is achieved by using two computers redundantly.

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