



ALARM, MONITORING & CONTROL SYSTEM

AMCS-25

Monitoring and control across all vessel sub-systems from a single centralised interface.



MAIN FEATURES

MULTI-SYSTEM CONTROL INTEGRATION

Centralised control of critical vessel systems such as propulsion system, generator set, deck machineries, etc into one interface.

REAL-TIME MONITORING & NOTIFICATIONS

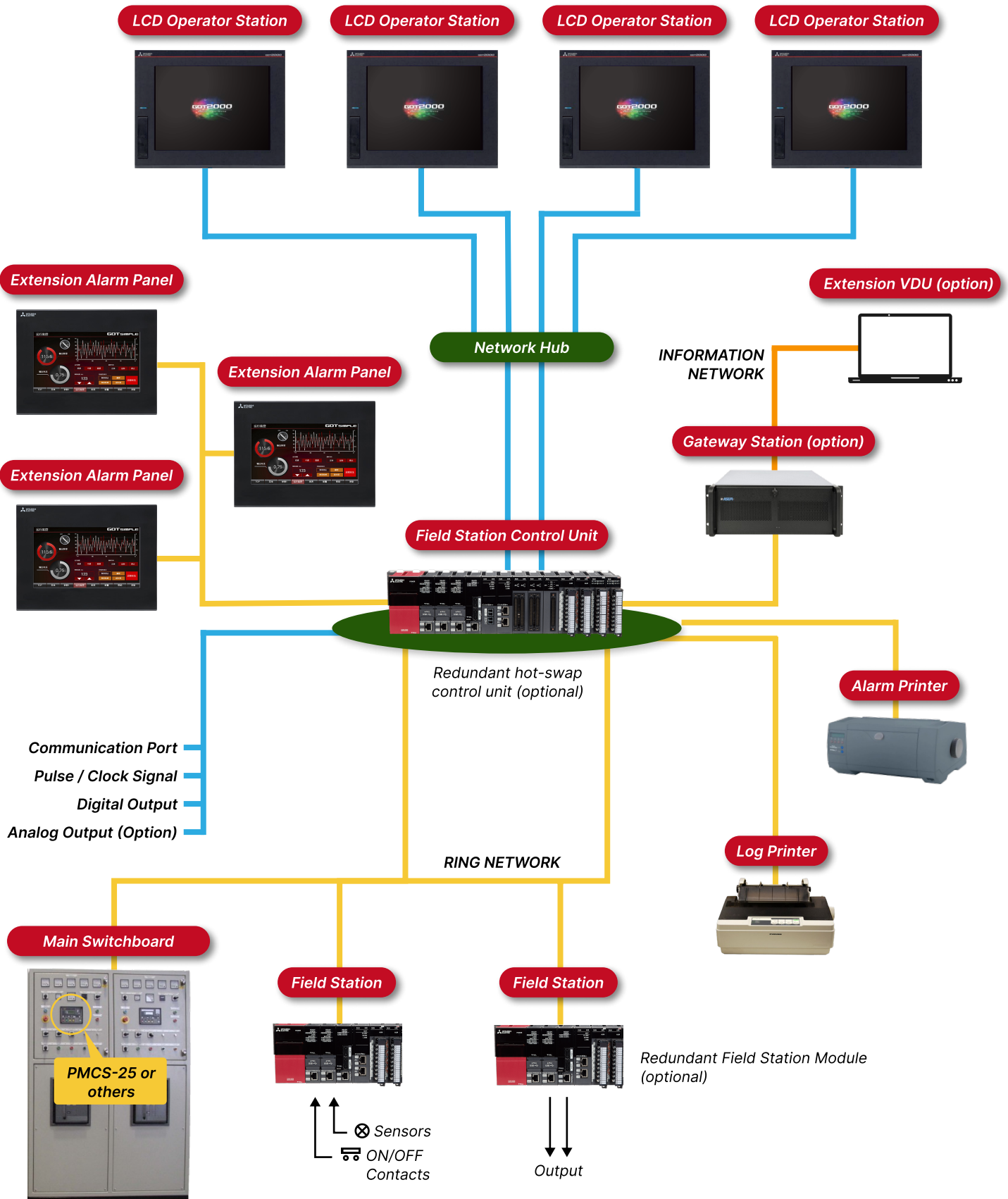
Immediate visual and print alerts with optional instant messaging or email triggers

INTUITIVE OPERATOR INTERFACE

High-resolution touch screens with visual alarm status and diagnostics.



SYSTEM ARCHITECTURE



Note:

The system configuration, including the number of Field Station and/or LCD Operator Station, the requirements for Log Printer and/or Alarm Printer Gateway and Extension VDU, etc., depends on maker's recommendation and shipyard/owners specifications.



HARDWARE

Operator Station		Up to 27" Maximum 15 sets
Kinds of Input	Temperature	RTD (PT100, JPT100, Ni100, PT50) (2, 3-wire) -10~10V DC, 0~10V DC, 0~5V DC, 1~5V DC 0~20 mA, 4~20 mA
	Pressure	
	Speed	-10~10V DC, 0~10V DC, 0~5V DC, 1~5V DC
	Electric Power	0~20mA, 4~20mA
	Position Angle	
	Counter	Pulse (over 10 ms, dry contact)
Level. Trip. Run. Stop. Abnormal		ON/OFF contact (over 10ms, dry contact)
Log Printer		Dot matrix type (Black / Red) Laser type (Option)
Alarm Printer		Dot matrix type (Black / Red)
Input / Output		Maximum 4096 Physical I/O Points
Communication		Ethernet TCP/IP, Modbus TCP/RTU
Applicable Classification Societies		     

With over a decade of expertise in electrical power management and automation, **ULTECH ENGINEERING** delivers comprehensive **Power Systems Design, Industrial Automation, and Explosion-Proof solutions** for Marine, Oil & Gas, and General Industries.

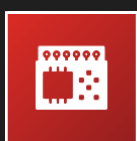
From engineering design and PLC programming to panel fabrication, commissioning, and ongoing maintenance, we provide end-to-end services that ensure efficiency, safety, and reliability.



Project Management



Engineering Design



PLC Programming



HMI & SCADA Visualization



Control Panel Fabrication



Switchboard Fabrication



Site Hook-up & Commissioning



Control System On-site Troubleshooting



System Maintenance



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