

Station Control System HC900



PRODUCT INFORMATION

**Serving the Gas Industry
Worldwide**

Honeywell

Station Control System HC900

Controller with touch panel (HMI system) for all potential automation tasks in gas stations

The station control system HC900 is particularly well suited for the control of sophisticated processes in the gas industry.

The highlights of the HC900 system are its reliability, of course, but also simple and transparent operation thanks to the 10" or 15" touch panel with colour display. It solves your complex control challenges, like e.g. pressure, flow rate and temperature control, but also assists you with data collection and communication.

For customisation, the basic hardware can be easily retrofitted with numerous optional input and output modules.

Troubleshooting is made easy thanks to the transparent display of messages and control-room-type acknowledgement procedures for failure.

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Control tasks:

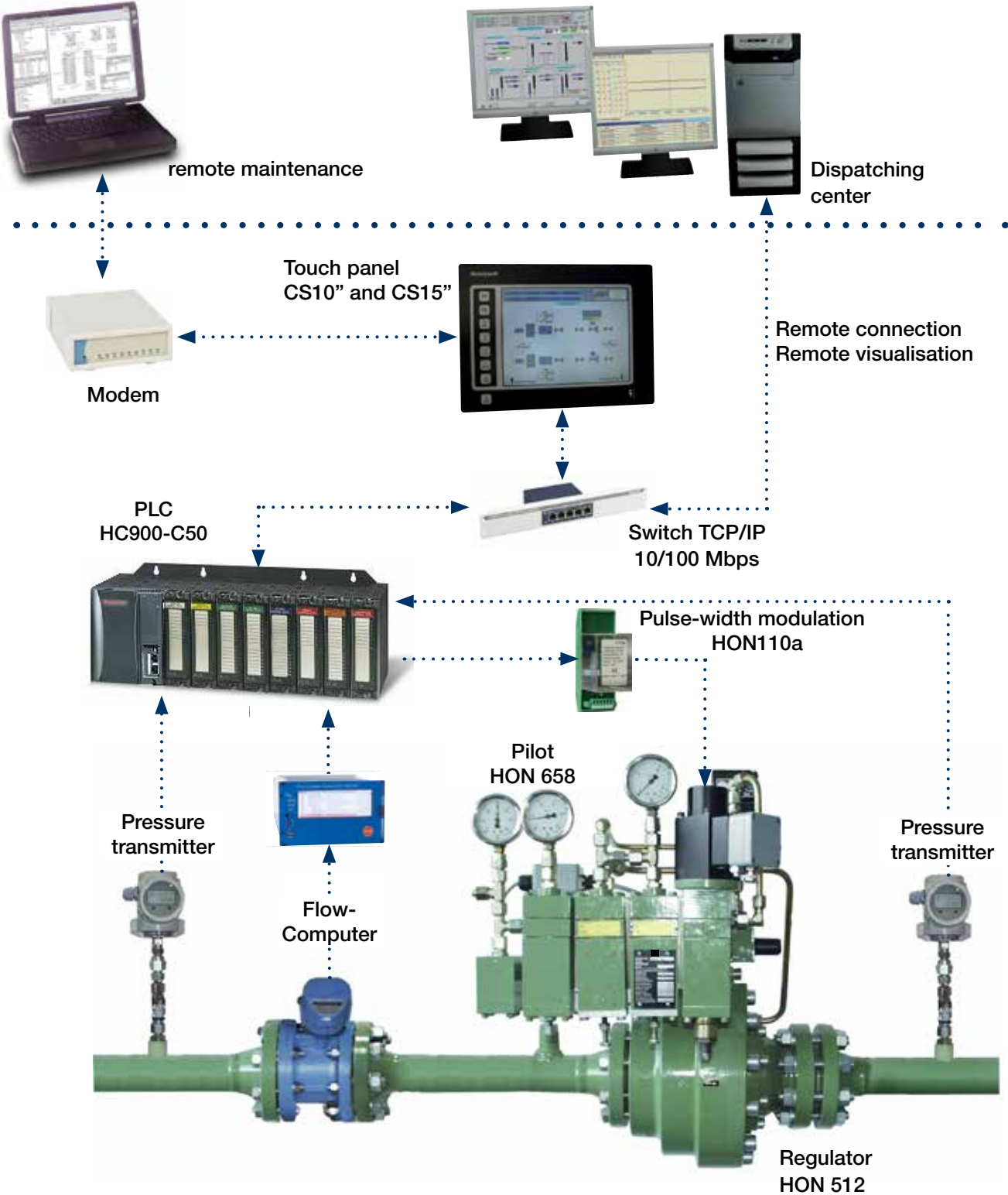
- Controlling outlet pressure
- Controlling inlet pressure
- Actual flow control, meter overload protection
- Controlling standard flow rates
- Position control for electrical and pneumatic valves
- Caloric value and wobble control
- Controlling mixing ratios
- Bypass control, cascade control
- Controlling gas temperature
- Gas amount optimization for gas storages or gas grids
- Automatic switchover between measuring and control lines

Features

- Process schema for supervising and operation
- Table to operate set points and parameters of control circuits
- List of messages reporting system status /conditions
- Graphs
- Protection with passwords
- Web-based remote operation and supervision based on TCP/IP networks
- Remote connections with Modbus TCP/IP or Modbus RTU
- Quick Honeywell customer support thanks to remote maintenance software

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Example of an HC900 application: Controlling HON 512 and HON 658



A winning team: HC900 and HON 638/658

- Major benefit: Supply safety
 In the event of a blackout, this system will continue pneumatically.
 Supply to the next consumer in line is safe.

With the HC900, you have a safe and flexible automation system facilitating easy and simple link-up to most customary communication interfaces.

For More Information

To learn more about Honeywell's
Advanced Gas Solutions, visit
www.honeywellprocess.com or contact
your Honeywell account manager

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HC900
2017-01
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