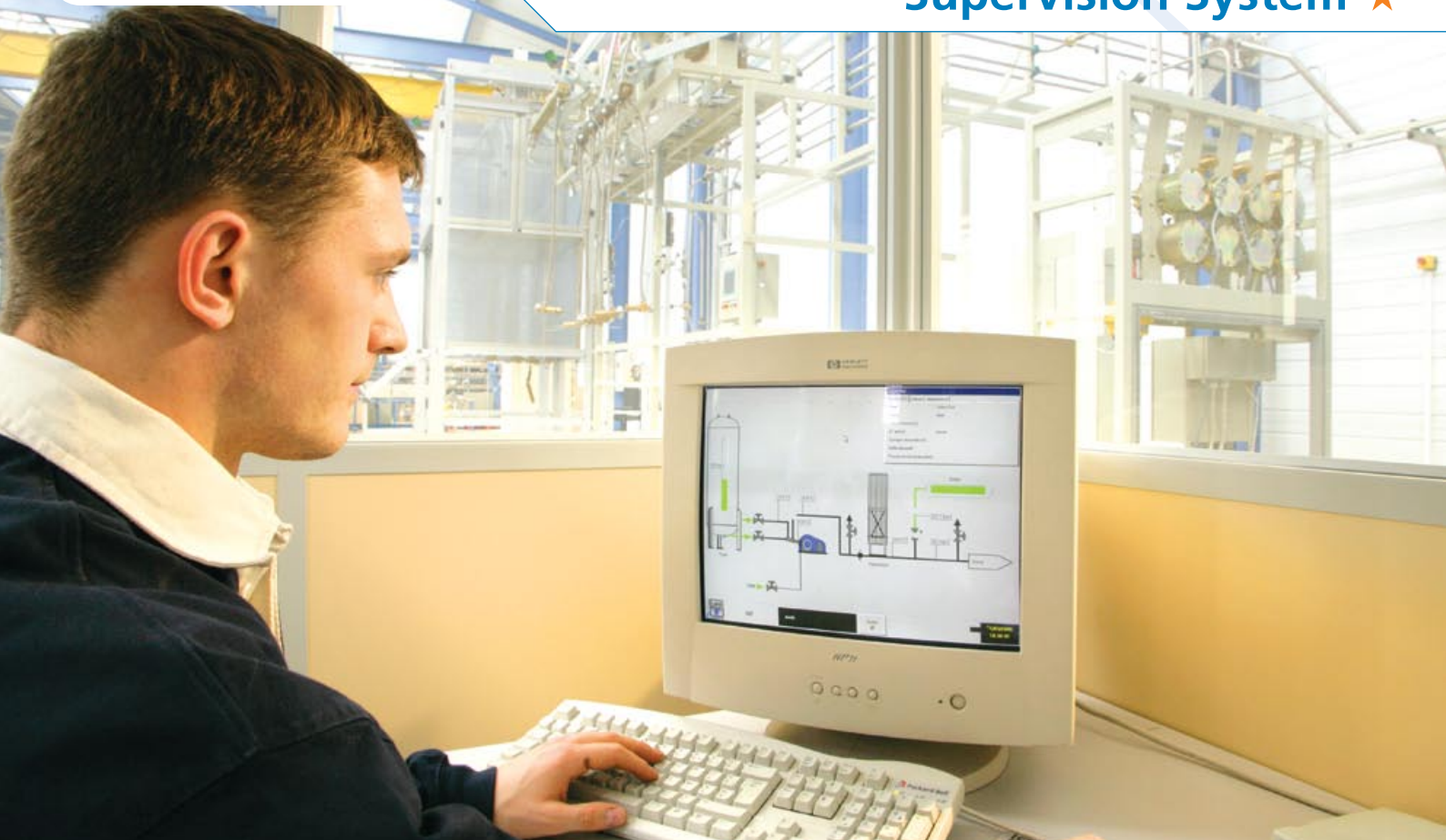




★ **DISTRIBUTION**
CRYOSTAR

Supervision System ★



★ **Presentation**

The Cryostar supervision system allows visual presentation and input of the different mixing and filling operations completed on the various systems. It is possible to access this control system from a distance using the remote maintenance facility.

★ **Quality**

Each Cryostar system is thoroughly tested in our workshops, including:

- Electric and PLC tests
- Operational tests

Every Cryostar system is developed in compliance with the norms CE (PED, ATEX...)



★ **Characteristics**

Software	Cryostar supervision program
Hardware	Siemens PLC and PC
Automatic System Management	Up to 8 systems
Communication	Profibus or Ethernet
Power supply	220 V, 50Hz
Options	Remote maintenance and traceability



★ Features

- 1 - The supervision system allows the complete control and visualisation, from one post, of an entire filling site including the ensemble of the various systems in operation. Such a post can control up to 8 mixing modules, 48 filling modules and 14 pumps.
- 2 - The supervision program allows the input of all mixing and filling operations as well as all the parameters associated with these operations. Complete traceability of each lot is assured. It is also possible to create recipes, configure cycles and various line elements.
- 3 - A bottle traceability module can also be linked to the supervision system. A system readable bar code allows the precise tracking of each set of bottles. This system allows the recall of any particular series should it be discovered that just one lot has been contaminated. It also allows the automatic start up of a particular recipe through bar code scanning.
- 4 - Maintenance is facilitated by tracking the number of cycles and reporting on defect history. There is equally the possibility of remote maintenance with the installed software. All of this is provided with the aim of limiting the risk of prolonged stoppage of the installation.
- 5 - The supervision program also records the current state of the system including valve openings, the level of filling tanks, the wear of pumps and all temperatures and pressures.

★ Options

- Remote maintenance
- Traceability through pharmacopoeia conforming bar codes
- Interface with E.R.P system



For more details please contact your local Cryostar representative



CRYOSTAR Automation	tel : +33 (0) 5 65 80 20 20	info@cryostar.com
CRYOSTAR Brazil	tel : +55 11 3709 5697	brazil@cryostar.com
CRYOSTAR China	tel : +86 571 8536 8331	china@cryostar.com
CRYOSTAR France	tel : +33 (0) 3 89 70 27 27	info@cryostar.com
CRYOSTAR Singapore	tel : +65 6276 7441	singapore@cryostar.com
CRYOSTAR UK	tel : +44 1709 702 777	uk@cryostar.com
CRYOSTAR USA East	tel : 1-800-483-1052	usa@cryostar.com
CRYOSTAR USA West	tel : +1 (562) 903-1290	usa@cryostar.com
CRYOSTAR USA - Houston Office	tel : +1 (713) 661-6000	usa.houston@cryostar.com

www.cryostar.com