



Enterprise Version - Full

Utility Software for Remote Control & Data Managing by PC/Lan/Web

General Features:

CWS32-H01 is a modern and powerful Professional software solution in a modular version packed "Ready to Use" studied for the monitoring and the remote controlling of process variables as temperature, but not only, including a powerful interactive management of the respective alarms.

CWS32-H01-PRO described on this document, is the enterprise full version able to work with all families of CEAM's Products and other, and support multiple devices communication protocol.

CWS32-H01 it is not a new product born of nothing, or just thought to solve a specific provisions or market necessity, as often are the "Market Oriented" products, but it contains in itself all the experience that CEAM acquired in several years of activity, and it is the natural evolution result of the previous products that CEAM produces and apply since over 30 years inside the industrial, pharmaceutical and sanitary field, solutions which are by now more then consolidated, and it has been developed using the very last data processing technologies, which make it an efficacious technologic platform for the years coming, besides you should remember that as all the other CEAM products, it is not closed, but it will be continuously optimized and modified considering also the daily indication of the users, so to keep it as close as possible to the real necessities.

At a structural level, differently by the typical integrated solution which you can find on the market, CWS32-H01 being a professional product, it has been divided in independent functional blocks, on the base of which there is the acquiring engine which manages the communication drivers, and the data-base SQL © Microsoft version Express as current article (Version Server as optional), so to make readable the acquired data in a transparent way and opened to free initiatives, independently by the presence of the pack CWS32-H01, finally there are the modules of visualization of the analogical variables, of the logical states and of the alarms, each one managed by windows freely able to be set by the user up.

Finally it has been created also a simple and powerful data publication module, on line on intranet internet if the local net allows it, thanks to the I Web-Server (It Needs O.S. Windows Xp Professional or Similar) so to allow the visualization of the data from remote location.

At security level, CWS32 provides the user access with 3 differentiated levels, and the independent groups management, and as far as the alarm management is concerned, for each variable they are provided 4 alarms with set point to be set up, plus a communication alarm, and for each alarm you can set 2 actions up, in which they are practically provided all the notification modality, from the local sound message emitted directly from the PC, to the sending of the E-mail message, or SMS, up to the possibility to generate physical alarms on the local net, thanks to special hardware modules produced by CEAM, it is provided also an optional module for the advanced management of the alarms sending, with a formula of variable recipe daily-weekly-monthly, which allows to pre-configure the system differentiating the modality of notification, and the operators hour by hour and day by day so to render compatible the management with working shifts.

Finally the product introduces an absolute innovation inside the sector of acquiring of this kind, that is the optional possibility to manage parallelly to the physical variables, also the eventual logistic outline of the products, in practice, installing the option "CWS32-Trace" it is possible parallelly to the acquisition of the temperature, for instance to trace also in an automatic way the movement of products, in particular those furnished by RFID (Tag in radio-frequency) on which CEAM acquired an outstanding know-how also with a patent covering.

© MS SQL Server Based

Main Characteristics:

Made in Italy - Totally Developed by CEAM group
Technology & Reliability Typical of the Industrial Sector
Open Product, Predisposed to Extensions and Personalization

**** Possibility of direct Passing to a Professional version for the extension of the monitoring without variables limitation**

Native Support of the technology Wireless CEAM ©WSWmartnet
Native Support of the Gateways D9006 for the Data transport on the Ethernet
Multiple Support of the communication vector Wired & Wireless
Support of the New Communication vector CEAM ©Powerlan



Main Functionalities :

Configuration of Visualization Real-Time Pages with 3 variables Each One
Measure Scale independent for each Visualization Page
Multiple Opening of Visualization Pages of Freely Dimension
4 Alarm with Set-Point Freely Configurable + 1 Configuration Alarm
2 Level of Differentiate Action for each alarm
Modality of Alarm Management with Hourly and Weekly Planning
Visualization of the Historical with Several Searching Functions
Security Management with 3 Level of User Differentiated Access
Management of Workgroups Independent and Reserved
Possibility to Recall 3 External Files Assigned to Each Variable
Management of the Event Log to keep Trace of the Main Executed Action
Data Base SQL Server Express © Microsoft (Version Free up to 4 Gb of Archives)
Possibility of installation of Web Server to Full Access Remote Data
Full Configurable Statiscal Function Page for Each Channels Analysis
Free Graphic Synoptic Introduction with Free Active Display & Label Positioning
Possibility of Personalization & Addition of Special Functions
Possibility of Dynamic Implementation of New Communication Driver



Minumum System Requirements:

Minimum Ram 128 Mb - Suggested 512 Mb - Max 1 Gb for the Vers. SQL Server Express
Space on Disk: 500 Mb Min
Browser: Microsoft IE 5.01 or later version
Operative System: Win 2000 SP3 - Win Server 2003 - ** Win XP SP2
**** Attention: In case of using of Win XP Home Edition, it will not be possible to use the Utility WEB as this version of O.S. Does not provide the installation of Microsoft IIS (5.0 or next) which is necessary as pre-requirement, while such option is at disposal inside the version XP Professional**



Limitation & General:

In general the pack CWS32-H01 in standard version is distributed with the version Express of SQL Server ©MS with the following limitation:
Data Base management with Maximum Dimension 4 GB
It cannot be installed on machines with RAM over then 1 Gb

The limitation above indicated do not represent any problem for the typical application "Stand-Alone" or to create little local nets, even with a high number of variables, especially if on them it become done frequently the data Back-up, limiting further the dimension of the Data-Base, while it could result a limitation for large centralized application in Vast Area in this case, so to exceed the limitation of the version SQL Express, it is necessary to install the complete version of SQL Server 2005 or next, which needs the buying of the relative permission for the user as it is not included inside the supply of the pack CWS32-H01 Standard Version.

Functionality & Optional Software Modules:

Data Base SQL Server Enterprise © Microsoft Without Limitation of Archives Dimension
Planning & Management Calibration and Sensor Maintenance Module



Innovation & Optional Special Functionality:

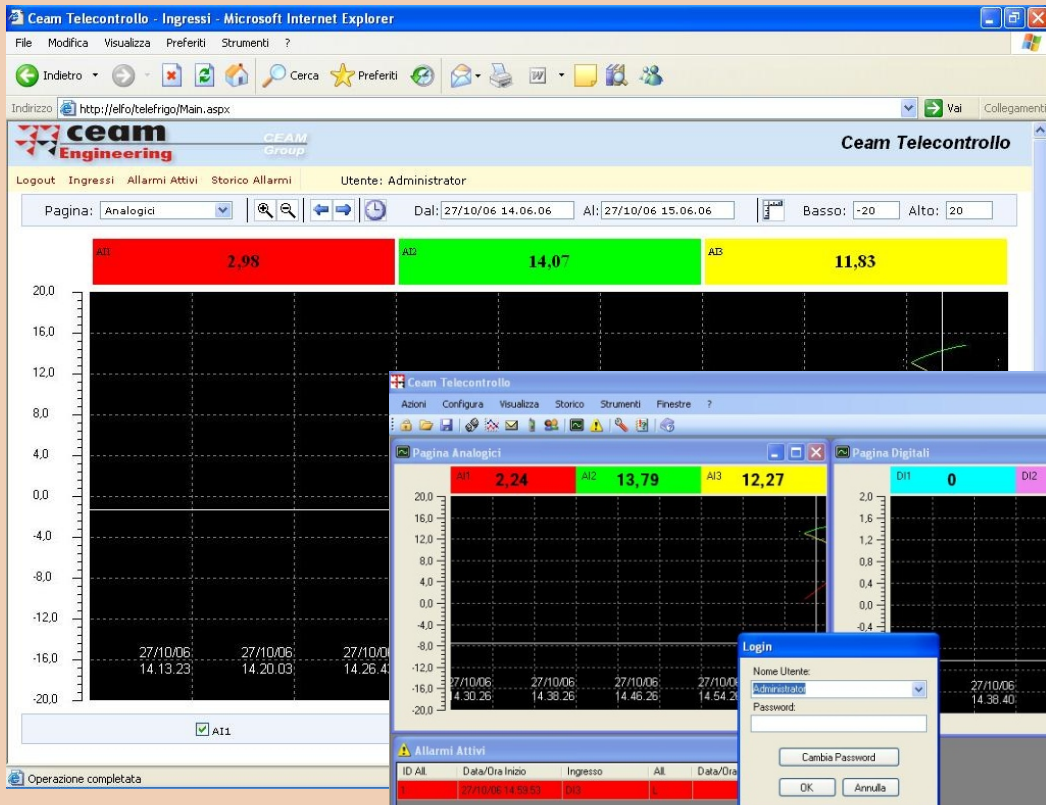
Product trace Management Form with TAG RFID



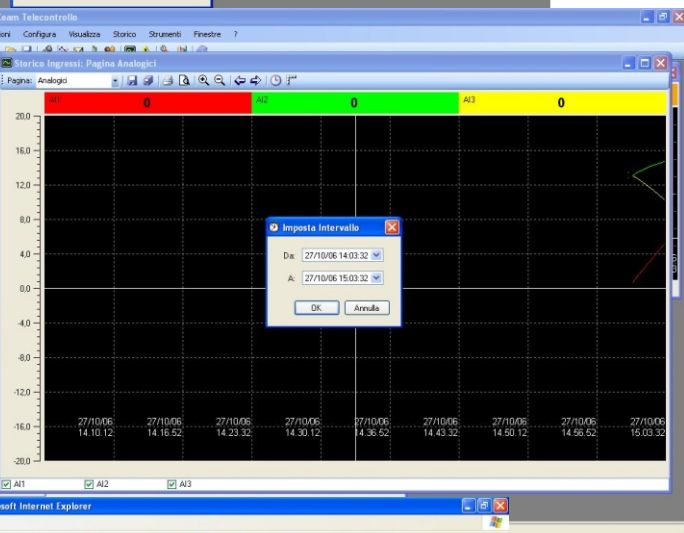
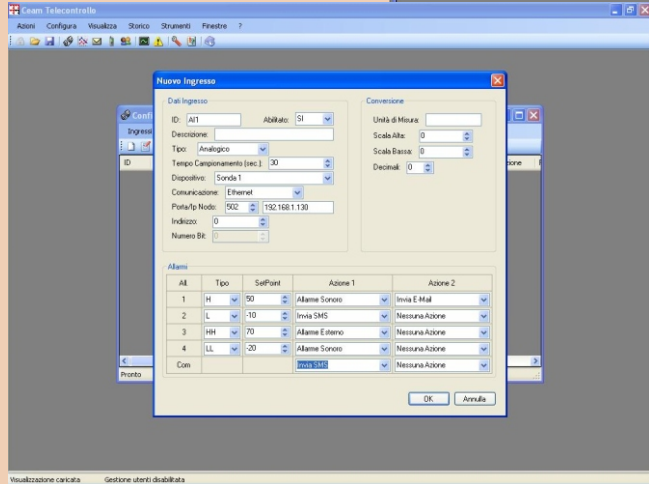
Additional Services:

Service of Internet Data Hosting on Server CEAM www.ceamservice.it
Assistance Support and On-Line Updating
Service Partnership with Access to the System iBlog CEAM www.ceamiblog.it





Shots Screen CWS32-H01



Last Functions Rev 1.7.0 :

- ** Possibility to Introduce Multiple of Graphics Sinoptics
- ** Statistic Function Page
- ** Web Functions Expanded and Optimized
- ** More...

Note: The software is continuously evolving, and for this reason the information reported on this document could result incomplete or could not point out new functionalities introduced after the development of this document .
For further details please ask for more updated information to our sales service or ask for a demo

How to Order :

Art. 5A637 - Mod. CWS32-H01-PRO -Utility Software for Monitoring and Remote Control by Web (For Logic and Analogic)
Full Enterprise Version Without I/O Limit - Data Base SQL Server Express

Accessory Hosting Service:

- 5A639 - CWS32-H01-32CH-WEB - Una Tantum Access Fee for Web Hosting Service in CEAM'S Server on www.ceamservice.it
- 5A643 - CWS32-H01-32CH-WSER - Yearly Fee for Hosting Service on www.ceamservice.it (For each 32 CH)
- 5A644 - CWS32-H01-EXT32-WSER - Yearly Additional Fee for more 32 CH (and Multiple of 32) Hosting Service on www.ceamservice.it
- 5A641 - CWS32-H01-32CH-IBLOG - Yearly Fee for CEAM IBlog Hosting Service on www.ceamiblog.it (For each 32 CH)
- 5A642 - CWS32-H01-EXT32-IBLOG - Yearly Additional Fee for more 32 CH (and Multiple of 32) Hosting Service on www.ceamservice.it

ceam control equipment

Via Val D'Orme No. 291 - 50053 Empoli (FI) Italy Tel. (+39) 0571 924181 - Fax. (+39) 0571 924505
Internet Web Portal: www.ceamgroup.com - E-mail: info@ceamgroup.it
Division Web: www.ceamcontrolequipment.it - Support Web: www.ceamsupport.it

File: 5A637_CWS32-H01-PRO_UK_S1 - Rev.03/07 This document is merely as an indication, and CEAM reserves the faculty to modify it's content without any notice

Company With Quality System Certified
ISO 9001 / 2000

