9. **Refresh time** - A page containing 300 alphanumeric fields will have a refresh time of up to 12 seconds.

10. **Performance** - Using permanent recording curves may cause a saturation of the communication bus and thus degrade performance.

11. **Performance** - "Enumerated Text List" with a great number of different value depths will degrade performance when a page is changed.

12. **Performance** - Using PL7 software configuration and an XBT-F on the same Unitelway bus decreases communication performance of the terminal.

13. **Foreground/Background** – While an animated object in the foreground is not updated, objects in the background are not refreshed.

14. **Period of the Dialog table** - If the period of the dialog table selected in XBT-L1000 is lower than 110 Ms., the effective period value used by the terminal is 110 Ms.

15. **Page call** – During the display of one or several objects (due to the modification of its variable value), an arriving command to change the page is performed only at the end of the display.

16. **Entry mode** – When an object is in the entry mode, the value shown by the object is the value being currently edited and not the PLC value.

17. **Entry mode** - If the PLC requires to change the page and to put an object in the entry mode, the terminal may refuse to turn an object in entry mode before the complete updating of the screen.

18. **PCMCIA memory card removal** - The removal of the PCMCIA memory card during start up (during display of reference) may cause the display of the error message "File Manager System Error – Corrupted Card: Shutdown". The terminal has to be restarted but the memory in the PCMCIA card is NOT corrupted.

19. **Clock** – There is no backup of the clock in XBT terminals. The time loss is about 2 minutes and 10 seconds per month.

20. **Tactile keys** - It is allowed to execute an XBT-FC application on an XBT-F touchscreen terminal, then be careful with the location of tactile keys over the tactile zones, in order to avoid inopportune order with finger sliding on tactile objects whether these objects are placed on tactile key areas.

21. **Alarm List and Adjust Pages** - There are neither Alarm List nor Adjust Mode Pages on XBT-FC02****.

22. **Password** - On XBT-FC02**** terminals passwords are only with numbered digits.

23. **Missing object** - Attempting to refresh a variable of missing equipment on the Unitelway bus causes a 10 seconds delay every 15 seconds.

24. **Tactile keys** – Once two adjacent tactile keys (horizontally or vertically) are being pushed, any other tactile key pushed simultaneously is not taken into account by the terminal.

25. **Tactile zones** – Once one tactile zone is being pushed, any other adjacent tactile zone pushed simultaneously is not taken into account by the terminal.

Release notes for XBT-L1000 V3.50 software
June 2000

System Requirements

486/66 MHz. PC (90 MHz. Pentium recommended.)
Minimum 2x CD-ROM drive.
Microsoft Windows 95 / 98 or NT 4.x
8 MB. RAM (24 MB. RAM recommended.)
30 MB. of free hard drive space.
VGA video or higher.
Mouse or compatible pointing device.

Installation

Insert the XBT-L1000 CD-ROM into your CD-ROM drive and follow the instructions on the screen.
If the setup program does not start automatically, select RUN from the START button.
Type D:\SETUP.EXE followed by ENTER (where D: is your CD-ROM drive).

Starting XBT-L1000

Open the folder in which you installed the XBT-L1000 software.
Double-click the **XBT-L1000 V3.50** icon.
(Note that there also is an icon placed on your desktop.)

! WARNING
UNINTENTIONAL EQUIPMENT OPERATION • The application of this product requires expertise in the design and programming of control systems. Only persons with such expertise should be allowed to program, install, alter, and apply this product. • XBT-L1000 V3.50 CD-ROM includes the following documentation: • TOME 1 in English, French, German, Italian and Spanish under PDF format. • TOME 2 in English, French, German, Italian and Spanish under PDF format. **Failure to follow this instruction can result in death, injury or equipment damage.**

Enhancements

The following enhancements were added to this version. Refer to the User Manual and to the Help for additional information.

1. The size of the multi-language fixed Texts objects is never more limited by the one of the first language.

2. The size of the multi-language texts inside of the Numbered List objects is never more limited by the one of the first language.

3. Creation of multi-language Enumerated List objects for the alphanumeric and matrix terminals.

4. Printing of the selected page (application, alarm, help or model) while the selection of the items to be printed remains constant.

5. Dynamic selection, on the active page (application, alarm, help or model), of the variables selected through the Field Information window.

6. Symbol and Comment variables properties added into the Field Information window.

7. Sorting, by colons, of the variables showed into the Field Information window by pressing on the first line of each colon.

8. Direct data entry, from the Field Information window, of the address and the equipment for every variable.

9. No re-initialisation required of the variables address after changing among the following protocols:

   Unitelway / Fipio / Fipway / Isaway* / TCP IP (XWAY)*
   Modbus / Modbus Plus
   * For T-XBT

10. Find Text function (edit menu) extended inside Numbered List for the XBT-F graphic terminals.

11. Find Text function (edit menu) extended inside Numbered List for the XBT-H / P / E / HM /PM alphanumeric and matrix terminals.

12. Creation of new pages (application, alarm, help or model) from the Page Tree window by clicking on the mouse right button.

13. The Distant Transfer function under Modbus Plus and Fipway for the XBT-F graphic terminals.

14. Configuration of the background colour of texts for the XBT-F graphic terminals.

15. Configuration of the background colour of alphanumeric fields for the XBT-F graphic terminals.

16. Use of password to protect the function keys for the XBT-F graphic terminals.

Improvements from previous versions

1. The Find Variables function (edit menu) looks also for the variables used on tactile zones, dynamic function keys and tactile keys.

2. Creation of the Variable Replace function inside the Find Variables one (edit menu).

3. The application downloaded on the XBT-HM017010A8 terminals is loaded by the XBT-L1000 software on the folder

   C:\…\XBT-L1000\Apps\Modbus\ATV\

Application issues

Please note the following application issues as you use the product referenced above.

1. **PCMCIA memory card** - An operator cannot use a memory card for an XBT-F 5" on an XBT-F 10" and vice versa. An operator cannot use a memory card for an XBT-F (5" or 10") with keyboard on a XBT-F (5" or 10") touch screen and vice versa

2. **PCMCIA memory card** - When PCMCIA memory card files are uploaded or downloaded by any means other than XBT-L1000, the correct operation of the terminal is not guaranteed. The only supported PCMCIA memory cards are ones supplied by Schneider (IDE ATA 8/16 MB. Capacity). Schneider does not guarantee the reading of a Magelis PCMCIA memory card on a Microsoft operating system such as DOS, Win95, Win98, and Win NT. Schneider does not guarantee that a Magelis PCMCIA memory card formatted on a Microsoft operating system such as DOS, Win95, Win98, Win NT can be used on a Magelis product.

3. **Communication break** - During communication break, the bits of the dialog table corresponding to the static function key "Momentary Contact Command" maintains the previous value without any means to modify them from the terminal. After communication starts up, the bits of the dialog table corresponding to the static function key "Momentary Contact Command" are initialised according to the current state of the keyboard.

4. **Redundant function keys** - If two dynamic function keys on the same page are programmed to use the same bit of a PLC word, a non-coherent function of the terminal will occur when the function keys are pressed.
   I.e., Two (2) dynamic function keys are configured as a toggle command (R1 and R2) and assigned the same variable bit (i.e., bit 1 of register 40001).
   Pressing R1 will set the bit in the PLC.
   Pressing R2 will do nothing to the bit in the PLC.
   Pressing R2 will change the state of the bit in the PLC.

5. **Function keys** - The bit corresponding to a static function key can stay in a set state if the operator pushes the key while asking for a download with the XBT-L1000.

6. **Occupation rate status word** – The occupation rate status word in the dialog table cannot fall down to zero because the alarm log records new alarm event(s) immediately after the clearing operation in a single PLC cycle.

7. **PCMCIA Modbus+ card LED** – For a PCMCIA Modbus+ card, the communication LED is indicating the good configuration of the card but not the good connection of the communications cable.

8. **Upload** - During an upload operation, the terminal is turned off line.