

## Fujitsu Software BS2000 MT9750 (Windows) V9.0

Multi-terminal emulation software for the connection of PCs to BS2000 systems

### Topics

#### Product description

MT9750 is a 32-bit MS Windows® application which can emulate the display terminals of the 9750-terminal family (up to 9763) on a PC. Apart from a few exceptions due to system dependencies, all of the terminal features can be emulated on the PC. In addition, functionalities are made available which go beyond pure terminal functions, for example an ftp based file transfer.

MT9750 V9.0 is installable on Windows workstations as well as on terminal-servers from Microsoft.

MT9750 V9.0 runs on Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows 10, and Windows 11.

MT9750 V9.0 contains the Unicode-Support for European-characters in the Unicode range U+0000 to U+2FFF. With this feature it is possible that symbols from various character-sets can be displayed in one form.

MT9750 V9.0 also supports the Kerberos authentication protocol, enabling a Single Sign On (SSO) to the TIAM application \$DIALOG.

For this feature the chargeable product SECOS is required.



#### Highlights of this version

- Content transfer between sessions with [CTRL]+[C] - [CTRL]+[V].
- Session windows change with [Alt]+[<number>].
- Tooltips for Function keys in the toolbar with display of function and key assignment.
- Session save dialog when terminating a session even if programmable keys have been modified by host applications.
- Start Run Macro for each session.
- Configuration of printers and print jobs standardized and made clearer.
- TLS support as of V9.0B

## Installation and configuration

Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, and Windows Server 2022 install / uninstall with version checking and updating. After successful installation, the acquired license must be activated before the first using.

## Interface

- A well-designed user interface makes it very easy to use the emulation:
- Up to 64 windows (64 logical terminals in one running MT9750 application) can be displayed simultaneously. In addition, MT9750 can run in several parallel instances.
- Simultaneous connections can be set up to several BS2000 systems.
- Online help system.
- Configurable decimal character (decimal point or comma). Configurable key for line feed or entering data on the numeric keypad.
- If you want the option of using programmable P keys, a programmable keys (P keys) editor can be called up from the menu, allowing you to display and/or change the current assignments saved in a file (session-specific).
- The emulation can be operated in 7-bit mode with the following character sets: International (US), German, Belgian, Danish, English, French, Italian, Spanish and Swedish.
- The ISO character sets 8859-1, -2, -5, -7, -9, -15 are supported in 8-bit- and Unicode-mode; these can be selected from the menu.
- In 8-bit- and Unicode-mode any characters that are not available on the keyboard can be generated with the COMPOSE key function.
- Unicode-characters can be inserted with the clipboard.
- Freely selectable session title.
- Easy switching between the session windows using a key combination.
- Operation is made easier with a toolbar for frequently used menu items which can be enabled in the session window and in the keyboard mapping program.
- All session parameters are saved (e.g., current window size/position, connection parameters). User and session specific. Previously saved session parameters can be created, modified and deleted.
- Foreground and background colors can be set and saved for individual sessions.
- Function key assignments can be displayed in a separate window.
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- Selection of frequently used function keys in a session-specific function key window.
- The cursor can be positioned in the emulation window using the mouse.
- Dynamic font change for higher screen resolutions.
- Support of changing to all 9763 screen-formats (80 x 24, 80 x 32, 80 x 43, and 132 x 27) under control of host application.
- Full screen mode can also be enabled, if required, where the Windows scrollbars are hidden and the view for the user is very similar to the original terminal.
- Support for the Euro currency symbol.

## Printing

Comprehensive print functionalities:

- User-defined hardcopy
- Printing a marked area of the screen
- Transparent printing:  
The print data is output on the printer attached to the PC without further conversion.
- Configuration during existing session.
- Portrait, landscape, and rotated landscape can be set.
- For the output a printer configured in Windows can be selected via a respective menu.

## Data exchange

- Data can be transferred into other applications via the Windows Clipboard or via a file.
- File transfer "VFT" (FTP)
- "openFT" file transfer available as option

## Communication

- The PC is connected to the BS2000 system via a LAN link. Communication takes place using the Microsoft Windows Socket-API.
- The network protocol IPv4 and IPv6 is supported.

## TLS support (as of V9.0B)

In connection with the stunnel porting in BS2000 (part of TCP-IP-AP V5.3A), secure / encrypted connections to the BS2000 host are supported by using SSL / TLS. The description of the BS2000 configuration is contained in the administrator manual for INETSERV V3.4B.

## Tools

- **Keyboard assignment:**  
An easy-to-use tool with a graphical user interface is included in the set of functions, allowing custom keyboard assignments to be programmed. It not only allows function keys to be reassigned, but also permits user-defined assignment of all keys, macro keys and hotspots on the keyboards supported by the emulation.
- **Menu lock:**  
Menu items can be selectively locked by means of entries in a file, e.g., to prevent the user from changing parameters.
- **Macro recorder:**  
A macro recorder permits inputs made during a session to be recorded and the recorded sequence to be played back.
- **Simple SW-licensing per type in the license-key.**
- **Session logging:**  
An integrated trace function for recording the data stream from and to the BS2000 system simplifies troubleshooting in the event of an error.

## Rental model (as of V9.0C)

MT9750 can also be ordered and used for monthly rent from version V9.0C. The description of the corresponding license model can be found [here](#).

# Technical Details

## Requirements

**Technical Requirements Hardware** MT9750 emulation runs on Windows PCs and notebooks with at least an X86 processor (or compatible), a minimum of 32 Mbytes RAM and a hard disk with approx. 9 Mbytes capacity. For the connection to the BS2000-System a TCP/IP LAN-connection is necessary.

**Technical Requirements Software** Windows 10  
Windows 11  
Windows Server 2016  
Windows Server 2019  
Windows Server 2022

## Installation and operation

**User Interface** English and German

**Installation** The emulation is installed by the customer according to the instructions in the user guide and release notice.

**Operating mode** Dialog

**Implementation language** C, C++

## Documentation and Training

**Documentation** The manuals for MT9750 are available on the [manual server](#).

**Training** On request courses can be arranged. See also our [course offer](#) (German only)

## Purchase and Delivery

**Conditions** This software product is provided to customers under the terms and conditions for the use of software products in return for ongoing or one-time payment.

**Order and Delivery** This software product may be obtained from your local Fujitsu regional office.

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