

Requirements for NEWBASE PressMonitoring Systems 4.1

The NEWBASE systems are composed from many applications which are based on a Client/Server architecture. The scaling of the systems' configurations depends on the particular requirements of the customer. The specifications given here represent the minimum requirements to ensure trouble-free processing with average system loadings.

Hardware

NEWBASE PressClipping or PressReview workplace station

Processor:	at least 2600 MHz Core i5 Processor (or comparable)
RAM:	at least 2048MB
HDD:	at least 80GB (or greater, refer to calculations of data storage)
Monitor:	recommended: 19-22" up to a resolution of 1600x1280, at least 75Hz
Misc.:	USB Port for Dongle

NEWBASE Client-Server systems

Computer Type A:

that is often used for the modules: Capture, MasterCapture, Cut&Paste, Press Review

Processor:	at least 2600 MHz Core i5 Processor (or comparable)
RAM:	at least 2048MB
HDD:	depends on the no. of pages to be stored. A RAID System with min. 80GB free space is recommended.
Network:	1 Gbit
Monitor:	recommended: 19-22" up to a resolution of 1600x1280, at least 75Hz

1 free USB 2.0 slot for optional scanner interfaces (normal dimensions)

Computer Type B:

that is often used for the module ICR server (automatic text recognition) or ImportServer

Processor:	at least 2600 MHz Core i5 Processor (or comparable)
RAM	at least 2048MB
Network:	1 Gbit

Computer Type C:

that is often used for the modules: Database Server, Fileserver

Processor:	at least 2600 MHz XEON Quad-Core or similar (depends on the no. of clients), when using Database- and Fileserver on one machine a Dual Processor system is recommended
RAM:	4096 MB
HDD:	depends on the no. of pages to be stored. A RAID System with min. 80GB free space is recommended.
Monitor:	--
Network:	1 Gbit
Misc.:	USB Port for Dongle

Note: A server virtualization with e.g. VMWare is possible.

Scanners and import formats

The scanners that NEWBASE Capture is capable of controlling are described in the list of scanners, which is available to you on request. NEWBASE MasterCapture can be used with any scanner.

The following import file formats are supported by NEWBASE Capture and MasterCapture: *.TIFF, *.PDF, *.DOC, *.HTML, *.HTM, *.JPG, MS Office (Version 97 or later) is a pre-requisite for the import of HTML and DOC files.

Protocols required and network functionality

Requirements:

- TCP/IP
- Windows networking
- Windows domain structure
- Named Pipe
- ODBC
- DNS
- WINS
- Ports required: 900 for TAO Naming Service, 1055* for Licenceserver

*if necessary, it can be individually configured

Optimisation of the network performance

As long as an antivirus program with enabled access scan is running on your clients/servers, we recommend to configure the access scan so that the formats .cdf, .jpg, .ocr, .pdf, .tif and .xml are excluded from the scan.

If this is not possible, the access scan should be configured so that the network permission „%servername%newbase-pr“ is not included in the current scan.

If other safety-relevant activities on the clients/servers, e.g. „Security Policies“, „Watchdogs“ or „local firewalls“ might affect network performance, we recommend that your administration clarifies this with NEWBASE Support in advance.

IP addresses

- for NEWBASE Press Monitoring System Server a static IP address is recommended
- for NEWBASE Press Monitoring Workplace Station the IP can be provided by DHCP

Additional Software/Hardware

The systems (Client/Server) must be completely configured and connected to the network. In addition, user groups and users must already be available under Windows and the database for the setting-up of NEWBASE. A share must be set up on the server which is accessible from the clients user accounts.

- Database: MS SQL Server 7.0, 2000, 2005, 2008 or Oracle 8i/9i/10g (additional databases on demand)
- ODBC connect must be set up and configured from all systems to the database
- SMTP Email Server, if e-mail dispatching is to be installed as well as a MAPI e-mail client
- RFC-compatible FTP server for FTP dispatching

- VSI FAX for FAX dispatching
- ISDN adapter
- Special print server software in the case of high printing volumes
- Registered versions of WinZIP 8.0 or later (for dispatching)
- Adobe Acrobat Reader 6.0 or later
- Additional software as necessary to satisfy special requirements (after agreement from NEWBASE Support)

Miscellaneous

- Fully-set up and configured Windows printer
- Internet access with the possibility to download files during installation
- Windows and database Administrators must be available during the installation process.
- Local Administrator rights on the systems to be installed.
- Local and remote (networked) drives for removable media (DVD/CD-ROM, USB-Port)
- Users and user groups must be set up in order to use the NEWBASE systems

Operating systems

NEWBASE© Systems have been tested on the following operating systems authorized under the terms of the guarantee and maintenance contracts.

- Windows 2003 Server (all versions)
- Windows XP Professional (client systems). Service Package 2 (SP2) or higher also contain a firewall which must be configured to allow continued access to the NEWBASE modules.
- Windows Vista, Windows 7

Please note that Windows NT 4.0 is not supported anymore

Remote maintenance

Remote access is necessary to benefit from reactive support and maintenance work as and when necessary. The technical departments of Newbase GmbH support the following connection types and software:

Connections

- ISDN
- Internet (TCP/IP)

Software

- NetViewer
- Microsoft Terminal Services / Remotedesktopservice
- Diverse VPN solutions on Demand

Software installed by NEWBASE

- NEWBASE PR in the latest version released
- TAO Naming Service
- PostSript Printer Driver

Data and system backups

You may continue to use your own existing systems as a backup strategy. During installation, NEWBASE Support will inform you which folders and files are to be backed up. A database backup and a backup of the Newbase folder (program and data) must be taken prior to any update.

Calculations of data storage

Black & White

Newspaper: ca.300 kB to 900 kB per page
Article: ca.100 kB to 350 kB per article
Press review: ca.100 kB to 350 kB per page of press review

Colour / Grayscale

Newspaper: ca. 5 MB to 6 MB per page
Article: ca. 500 kB to 2 MB per article
Press review: ca. 500 kB to 2 MB per page

Other information

This document describes the minimum requirements for the operation of NEWBASE systems. If you are unsure about whether these requirements apply to you or will be sufficient in your case, please contact NEWBASE Sales or NEWBASE Support who will be happy to assist you with your questions.

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If you have further questions or comments, please contact us during office hours, weekdays from 8:00 till 17:00 CET by telephone: +49 40 89 002 280 or by e-mail: support@newbase.de

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