**Wide Format Scanner System Software**

Installation
SCANdump
Version Changes

# Installation

This software can be run on the following operating systems:

- Windows XP (Pro), 32-bit
- Windows XP (Pro), 64-bit
- Windows 2003 Server (Standard Edition), 32-bit
- Windows Vista (Business) 32-bit
- Windows Vista (Business) 64-bit
- Windows 7 (Professional) 32-bit
- Windows 7 (Professional) 64-bit

### SCANdump(and SCANview)

Utilities called SCANdump (and SCANview) are installed together with this software. When running this utility all vital information stored in the scanner's non-volatile memory is saved to a file in your TEMP directory. In case of trouble with your scanner this file can be e-mailed to technical support in order to ease diagnostics of the problem.

### Version Changes

## Changes in version 4.2

| | | |
|---|---|---|
| 25443 | New | Support for new CIS scanners. |
| 24693 | New | The gateway network address can now be configured in the Scanner Setup dialog. |
| 25475 | Fix | Some scanner messages in the Status tab could disappear. |
| 25246<br>25329<br>24770 | Fix | Corrections to translated user interface. |
| 24474 | New | The Scanner Installation Wizard now includes guidance and test option for connecting the scanner via network. |

## Changes in version 4.1.2

| | | |
|---|---|---|
| 25110 | New | Support for new CCD scanners. |
| 24746 | Fix | Optimized utilization of multi-core processors in scan data processing to improve performance. |
| 25101 | Fix | Camera Alignment calibration was available when a scanner was not calibrated. Now only Full Calibration is available. |
| 25044 | Fix | Minor adjustments of Russian user interface. |
| 24770 | Fix | The Calibration function sometimes displayed not translated messages. |

## Changes in version 4.1.1

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|---|---|---|
| 25116,<br>25197 | Fix | CCD-scanners: Image artefact in top of scan when scanning in batch mode |

## Changes in version 4.1.0

| | | |
|---|---|---|
| 23545 | New | Maximum data transfer rate is now displayed in Info tab for new scanner models |

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| 24074 | New | When refreshing the scanner list, the previously selected scanner is remembered |
| 23846 | Fix | Speed-up of scanner list refresh |
| 23927<br>23919 | Fix | Calibration sometimes crashed or could not be stopped |
| 24158<br>24159 | Fix | Problems in the Scanner Installation Wizard with DNS lookup and manual IP address |
| 23881 | Fix | Some scanner models shared on the network could not be calibrated from a remote PC |
| 24735 | Fix | Repositioning the paper during scanning on Ethernet connected scanners could time-out |
| 24076 | Fix | Improved scanning speed on loaded networks |
| 24162<br>24827 | Fix | Corrections to translated user interface |
| 23885 | Fix | During calibration it was not possible to retrieve an IT8 file online |
| 24438 | Fix | CCD-scanners: Terminated calibration could leave new scanner models in a state needing service |
| 24676 | Fix | CCD-scanners: Calibration failed on new monochrome scanner models |
| 24246 | Fix | CCD-scanners: Left/right paper offsets did not work on new scanner models |
| 24607 | Fix | CCD-scanners: Camera Alignment calibration more immune to dust |

## Changes in version 4.0.5

| | | |
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| 24513 | Fix | Support for new hardware revision of 36” CIS scanner |
| 24478 | Fix | Difference in light level in 600 and 1200 dpi on 36” CIS scanners |

## Changes in version 4.0.4

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|---|---|---|
| 24463 | Fix | CIS-Scanners: Color change after calibration of 36” models |
| 24462 | Fix | CCD-Scanners: Crash during scanning |

## Changes in version 4.0.3

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|---|---|---|
| 24230 | Fix | Some valid E-mail addresses were rejected by the scanner activation wizard |

## Changes in version 4.0.2

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|---|---|---|
| 24222 | New | Localized help in Chinese (Simplified), Dutch, French, German, Italian, Japanese, Korean, Spanish |

## Changes in version 4.0.1

| | | |
|---|---|---|
| 22988 | New | Added ICC profiles for new scanner models |
| 23749 | Fix | System tray balloons are only shown when the scanner changes status. |
| 23819 | Fix | Calibrate button is only enabled when a scanner is connected |

## Changes in version 4.0.0

| | | |
|---|---|---|
| 21389 | New | Support for new scanner models. |
| 21978 | New | Running scanner application prevents the scanner from going to sleep |
| 21816 | New | Scanner calibration is integrated |
| 21816 | New | Camera alignment calibration can be performed separately |
| 23043 | New | The system tray icon has been changed |
| 22929 | New | The Scanner Installation Wizard has been combined with other setup activities |
| | New | 'Refresh' button has been added to the scanner list |
| 23429 | New | The 'Status' tab is displayed by default when the software is opened |
| | New | Log information is included in the Info tab |
| 22605 | New | The ‘One-Touch’ tab includes icons for the One-Touch button. For scanners with Ethernet, One-Touch control is reserved/released with a button. |
| 23240 | New | ‘License’ tab is displayed for scanners enabled by License Activation |
| | New | 'Setup' button is available for scanners with Ethernet on the ‘Network’ tab |
| | New | The software enters a ‘suspended’ state during scanner installation and calibration |
| 23043 | New | Balloon messages are displayed from the system tray icon when the scanner state changes |
| 23294 | Fix | Unsupported scanners will not be recognized by the software |

## Changes in version 3.9.1

| ID | Note | |
|---|---|---|

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|---|---|---|
| 22464 | Fix | CIS-Scanners: Colors change after the first scan. |
| 22514 | Change | Suppression of unnecessary "SD scanner error" message box |

## Changes in version 3.9.0

| ID | Note | |
|---|---|---|
| 21435 | New feature | CIS-scanners: Live Image Sensor Matching that provides seamless transitions between cameras. |

## Changes in version 3.8.5

| ID | Note | |
|---|---|---|
| 21412 | Fix | CIS-scanners: Fix for possible crash when scanning |

## Changes in version 3.8.2

| ID | Note | |
|---|---|---|
| 20399 | Fix | CIS-scanners: Calibration data was not always saved correctly during calibration. |
| 18962 | Fix | The ScanClient - used to receive scans from another computer - now informs the user when "Folder for scans received" does not exist. |
| 20300 | Fix | Some scanner errors were not always displayed in the Status tab. |
| 20195 | Fix | CIS-scanners: Possible distortion in the top and bottom of images while scanning in batch mode. |
| 20589 | Fix | Scan from a network attached iJET scanner can create image artefacts at the end of the scan |

## Changes in version 3.8.1

| ID | Note | |
|---|---|---|
| 19948 | Fix | CIS-scanners: fix for potential vertical streaking in the scanned images. |
| 20134 | Fix | CIS-scanners: The alignment of the ruler guides on the scanner and the scanned data has been improved. Furthermore, the horizontal scanning offset can now be controlled from applications. |

## Changes in version 3.8.0

| ID | Note | |
|---|---|---|
| 19020 | New feature | Support for new CIS scanner models |

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| 19295 | New feature | Software now support more than one CIS scanner connected to the same PC |
| 18582 | New feature | A Scanner Installation Wizard has been added to make installation of scanners more easy |
| 17949 | Change | The “Scan to Net” tab has been renamed to “Network” and the contents has been redesigned for easier setup |
| 19036 | Fix | CIS scanners does not fail to initialize anymore after running the SCANdump program |
| 19042 | Fix | A manually defined ”Scan to Net server” can now be used when receiving scans from another computer |
| 18705 | New feature | “Lamp light on” counter can be reset from the log tab for scanners with a fluorescent lamp |

## Changes in version 3.7.1

| ID | Note | |
|---|---|---|
| 19103 | Fix | Run-time error at the end of basic calibration on CIS scanner |
| 19104 | Fix | "Scan subsystem failed to initialize" on a shared CIS scanner |
| 19105 | Fix | CIS scanner not always detected by the software after PC reboots or scanner has left sleep mode |
| 19107 | Fix | Occasional black horizontal bars on images scanned with a CIS scanner |
| 19214 | Fix | Scanner application was unable to use CIS scanner after scanner left sleep mode |

## Changes in version 3.7.0

| ID | Note | |
|---|---|---|
| 18312 | New feature | Support for Windows Vista64 and Windows XP64 |
| 18740 | Fix | "Add" and "Remove" buttons were not enabled on "Scan to Net" tab in Windows Vista |
| 18767 | Fix | “Lamp light on” information was not being displayed in “Log” tab for all relevant scanners |
| 18788 | Fix | The application crashed when selecting “From a network scanner” on a system using Japanese format |

## Changes in version 3.6.3

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| ID | Note | |
|---|---|---|
| 18774 | Fix | The SCANdump program failed to run on a PC on which no previous version had been installed. |

## Changes in version 3.6.2

| ID | Note | |
|---|---|---|
| 18270 | Fix | CIS-scanners: Improved handling of communication (message: Scan subsystem failed to initialize (FW/SW mismatch)). |
| 17877 | Fix | CIS-scanners: Further improved x-axis accuracy. |
| 16753 | Fix | CIS-scanners: Usage of Microsoft Windows "Scanners and Cameras" properly disabled. |

## Changes in version 3.6.1

| ID | Note | |
|---|---|---|
| 18202 | Fix | CIS-scanners: Fix for gray matching test |

## Changes in version 3.6.0

| ID | Note | |
|---|---|---|
| 16552 | Fix | CIS-scanners: Improved x-axis accuracy. |
| 16756 | New feature | CIS-scanners: Checks if host PC supports SSE2 signal processing |
| 17030 | Fix | CIS-scanners: Color saturation now supported |
| 17241 | Fix | CIS-scanners: Improved continuity in dark areas |

## Changes in version 3.5.6

| ID | Note | |
|---|---|---|
| - | New feature | Support for all current scanner models |

## Changes in version 3.4.12

| ID | Note | |
|---|---|---|
| 16413 | New feature | Added Nextimage support |

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| 16521 | Bugfix | Scan from a network scanner did not always start properly |

## Changes in version 3.4.11

| ID | Note | |
|---|---|---|
| 16275 | Bugfix | Fixed problem related scan one-touch key not acting properly |

## Changes in version 3.4.10

| ID | Note | |
|---|---|---|
| 15205 | Bugfix | Applications may hang up for 20-30 secs on new scanner models due to illegal command being issued |
| 15311 | Bugfix | Removed some confusing scanner messages. |

## Changes in version 3.4.9

| ID | Note | |
|---|---|---|
| 13131 | New feature | Support for scanners with larger transfer buffers. |

## Changes in version 3.4.8

| ID | Note | |
|---|---|---|
| | New feature | Support for Windows Vista 32bit versions. |

## Changes in version 3.4.7

| ID | Note | |
|---|---|---|
| 10813 | Bugfix | Scanner drivers made more robust towards simultaneous scanner access. |
| 11546 | New feature | Support for synchronizing scanner and PC time on some scanner models. |
| 11547 | New feature | Added field on Info tab for iJet scanners with storage capability. |
| 11582 | Change | Review of messages in status control. |
| 11781 | New feature | Support for scanners with Harddisk. |

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| 11893 | Change | Veryfing that OS is the correct match for the scanner. |

## Changes in version 3.4.6

| ID | Note | |
|---|---|---|
| 11164 | New feature | Added support for new iJET scanners. |

## Changes in version 3.4.5

| ID | Note | |
|---|---|---|
| 10867 | Change | Now using the technically more correct term 'Sleep' instead of the terms 'Standby' and 'Power down'. |
| 11056 | Bugfix | Fixed some erroneous string resources |
| 11120 | Change | Added support for some newer scanner models |
| 11164 | Bugfix | Full support for new iJET scanner models |

## Changes in version 3.4.4

| ID | Note | |
|---|---|---|
| 419 | Bugfix | Scan to PDF did not work with some B/W scanmodes. |
| 428 | Bugfix | Scan to Adaptive mode allowed illegal DPI to be used. |
| 9773 | Bugfix | Autosize iJet scans failed because of an illigal instruction send to the scanner |
| 10583 | Bugfix | Solved problem with RoHS scanner waking up from power down when another scanner is present. |

## Changes in version 3.4.3

| ID | Note | |
|---|---|---|
| 415 | Bugfix | Scan-to-net client saved wrong broadcast portnumber. |
| 417 | Bugfix | Now the target folder for scan-to can be changed without reconnecting the scanner. |
| 420 | Bugfix | Black/White point not set correctly for some B/W scan modes. |
| 421 | Bugfix | Gamma value not set correctly for some scan modes. |

## Changes in version 3.4.2

| ID | Note | |
|---|---|---|
| 369 | Bugfix | Fixed autosize problem on some scanners when connected via USB. |
| 374 | Change | Showing the application errorlog when pressing view log on log tab, instead of the scanner error log (scanner error log can be found in the Windows folder). |
| 378 | Bugfix | Right click menu and About box now shows correct info for restricted users. |
| 381 | Bugfix | Timer setting and auto-standby revised. |
| 383 | Bugfix | Scan server was not connecting correctly to clients. |
| 384 | Bugfix | List of servers is now updated correctly. |
| 388 | Bugfix | Handling restricted user limitations correctly on scan2net tab. |
| 390 | Bugfix | Improved Autosize algorithm. |
| 392 | Change | Using term Scan to Net instead of Scan2net. |
| 397 | Bugfix | Improved error logging. |
| 399 | Change | Using term Power Down to comply with Energy Star terminology. |
| 401 | Bugfix | A problem sharing some scanner models has been solved. |
| 402 | Bugfix | SCANserver did not clean up un-sent files and inactive users. |
| 403 | Change | Energy Star compliance assured. |

## Changes in version 3.4.1

| ID | Note | |
|---|---|---|
| 150 | New feature | The scan2net SCANclient listens to more servers simultaneously. |
| 324 | Bugfix | Some one-touch application were not displayed under special circumstances. |
| 340 | Bugfix | Scan-to functionality used wrong dpi for very high dpi’s. |
| 355 | New feature | Ok/Cancel/Apply buttons now works consistently on all tabs. |
| 359 | Bugfix | Forgot to update the adjustment status field if the scanner were not been adjusted. |

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| 370 | Bugfix | Wrong color saturation method was used on 24bit scans |
| 371 | Bugfix | Some error messages for scanner were not shown corretly for the latest scanner models. |
| 372 | New feature | Safer FW download handling to avoid system deadlock caused by Windows device locking mechanism. |
| 373 | Bugfix | Minor error in the color balance solved. |

## Changes in version 3.4

| ID | Note | |
|---|---|---|
| 313 | New feature | We now handle PC standby/hibernate situations. |
| 322 | Bugfix | Selecting link days on timer tab no longer applies to all scanners connected. Only the selected one. |
| 336 | Bugfix | In the scan2net client the user could not delete a password once selected. Only select a new one. No she can select no password by choosing blank. |
| 337 | Bugfix | Scan2net had problems if the image file to transfer was empty. Now such jobs are deleted. |
| 350 | Bugfix | The powerdown timer is now saved so it can be shown again on restart. |
| 353 | New feature | Showing more error diagnostics from new scanner models. |
| 354 | Bugfix | Did not show correct version number for some new scanner models. |
| 356 | New feature | Installation issue solved. |
| 357 | New feature | Installation issue solved. |
| 358 | New feature | The subscription the scan-to facility is now properly controlled from the check box on the scan2net tab. |
| 361 | Bugfix | Fixed problem on systems with Italian locale, where the controls on the timer tab showed dates and not time of day. |
| 362 | Bugfix | Reading the calibration timestamps and validating calibration profiles slightly differently – but more correct. |

## Changes in version 3.3

| ID | Note | |
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| 231 | Bugfix | Now possible to perform B/W mode preview scan in WIA scan wizard. |
| 280 | New feature | Now able to run on systems that have now taskbar running. |
| 282 | Bugfix | Added missing error message for when remote scanner is reserved by another user. |
| 284 | New feature | You can now install and use remote scanning on networks without DNS running. |
| 289 | Bugfix | Sometimes the WIA wizard failed to scan. |
| 290 | Bugfix | Sometimes the WIA wizard caused scans to be upside-down in the result, even though the preview was correctly orientated. |
| 292 | New feature | Combined firmware numbers in a single control on the Info tab. |
| 293 | New feature | Energy Star features implemented. Automatic idle time power down controlled on the Timer tab. |
| 294 | New feature | Now show error numbers in the messages window on the Status tab. |
| 295 | Bugfix | Status polling for remote scanner now works, even if the remote scanner is in boot mode |
| 299 | New feature | Generic scanner ID for more better install process. |
| 301 | Bugfix | If a remote scanner was installed and no scanner was connected, then a nagging wait cursor was shown every 10 seconds. |
| 303 | New feature | Run on Windows 2003 Server. NOTE however, in Win 2003 Server you must configure the Windows Acquisition Service to start automatically. Default is that it is not started. |
| 304 | New feature | Now we can determine much faster if a remote scanner is not connected. The timeout for the connection can be adjusted through the new IP_TIMEOUT_SECS variable in the new [IP] section of the ctx_scan_200.log file |
| 306 | New feature | Now possible to select multiple remote scanners for removal. |
| 312 | New feature | Now the add scanner dialog automatically closes if the user has successfully installed a scanner manually. |

## Changes in version 3.2

| ID | Note | |
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| 228 | Bugfix | Fixed driver bug that occationally caused applications to report 'unknown handle' |
| 232 | Bugfix | WIA image acquisition wizard now no longer says B/W scanners can do color scans |
| 248 | Bugfix | USB scanners made more robust to certain command sequence errors. |
| 251 | Bugfix | Now handles critical situations around scanner reboots (eg. after leaving standby mode) smoothly. |
| 252 | Bugfix | Avoiding sending multiple empty files from SCANserver to SCANclient. |
| 256 | New feature | Now old scanners can be accessed over an Ethernet (LAN or WAN) throught the Remote Scanning feature. |
| 257 | New feature | Configuration of SCANserver and SCANclient, as well as Remote Scanning configuration is gathered in a new Net2Net tab. |
| 258 | New feature | You can install and remove ethernet enabled scanner via the 'selected scanner' combobox. |
| 260 | New feature | New and simplified installation procedure. |
| 262 | Bugfix | Fixed driver failure than could make applications crash on Windows Me system. |
| 268 | Change | The SCANclient no longer has it own tray icon. Should be configured via. the Scan2Net tab. |
| 272 | Change | Now allows 25 scanners installed on one PC. |

## Changes in version 3.1

| ID | Note | |
|---|---|---|
| | Change | New layout on the status tab. Replaced error message combo with message window. |
| 231 | Bugfix | Preview now possible for B/W mode with WIA wizard on WinXP |
| 240 | Bugfix | WS log tab handling older scanner firmware more robust. |
| 243 | New feature | Added Support for scanner consumables (GOLF). |
| 249 | Bugfix | The driver is made robust, towards scanner reboots when the scanner is use by an application. WinXP and Win Me only. |

## Changes in version 3.0.2

| ID | Note | |
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| 209 | Change | Better format of time fields on info tab. |
| 218 | New feature | If log tab is visible the statistics is updated every 2 seconds. |
| 225 | Change | New format of 'last calibration timestamp' on the log tab. |
| 226 | Bugfix | Roller movement field on the log tab now shown in correct units. |
| 229 | New feature | Added support for new scanner models. |

## Changes in version 3.0.1

| ID | Note | |
|---|---|---|
| | | Multiple languages. |
| 210 | Bugfix | Now displays all strings correctly when run by a restricted user |

## Changes in version 3.0

| ID | Note | |
|---|---|---|
| | New feature | Introduced the NET Architecture; NET SCANserver and SCANclient |
| | New feature | Windows Image Acquisition (WIA) support on WinXP and WinME; including the 'Scanners and Cameras' scanning wizard |
| 152 | New feature | Added online help through right-click menu and the F1 key |
| 144 | New feature | Added error log which can be seen from new Log tab |
| 141 | New feature | Introduced service ID field on Info tab |
| 126 | New feature | Firmware download is added to Right-click menu->Advanced Options->Update Scanner Firmware. This is the recommended way to update Firmware because it prevents potential Windows deadlocks! |
| 121 | New feature | Added tab in dialog for preventive maintenance – the Log tab |
| 116 | New feature | Now able to control the SCSI adapter settings for optimizing scanner performance under STI/WIA |

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| 170 | Change | Now allows the scanner to be connected to a scsi adapter with id >8 |
| 162 | Change | Added short-cut to the readme file (this file) in start menu |
| | Change | Control panel extensions removed from install. All info is available in dialogs. |
| 193 | Bug fix | Tool tip on WinMe, WinNT and Win98 when no scanners is connected is now changed to "No scanners found. Please connect and install a scanner". |
| 149 | Bug fix | Now with automatic support for restricted user under WinXP if SP1 is installed. |
| 143 | Bug fix | Scanners with 15 char name length was truncated. |

## Changes in version 2.1

| ID | Note | |
|---|---|---|
| | Change | Made one-touch combo's higher, thus leaving room for all apps without scroll. |
| | Change | Now the one-touch apps are no longer sorted in the combo box because this caused wrong behavior on Win98 |
| | Change | Now check for STI apps every time a one-touch button is pressed. |
| 97 | Change | Now it's possible to configure one-touch settings, even though no scanner is connected |
| | Bug fix | Frees some unused memory if no scanner is connected. Possible memory leak. |
| 107 | Bug fix | Fixed some strings that were 'hardcoded' in the resourcefile |
| | Bug fix | Fixed some problems with 4G jumping on and off |
| 94 | Bug fix | Fixed bug that made app stop reading status for all scanners if a ACS scanner is connected. |

## Changes in version 2.0

| ID | Note | |
|---|---|---|
| - | New feature | This application is REQUIRED to run for the one-touch buttons to function. |
| - | New feature | Easy integrated one-touch button configuration page. |
| - | New feature | One-touch button functionality now on all OS's and for STI as well as ASPI connectivity |
| 83 | New | Now pops up if user hits one-touch button and no app is selected. |

| | | |
|---|---|---|
| | feature | |
| 84 | New feature | Added none choice to list of One-touch apps, but kept check-box so that the user can turn off event quickly and without forgetting his settings. |
| 71 | New feature | Added serial number on Info tab |
| 75 | Change | Moved user settings to HKEY_CURRENT_USER |
| | Bug fix | Fixed some resource strings |
| 74 | Bug fix | Now the page remembers changes if user switches back and forth between tabs after having changed some selections |
| 73 | Bug fix | Now reports scanner timer settings correct in standby mode |