

EasyWare Version History

This document lists all releases of the EasyOne PC software called EasyWare. Some versions haven't been distributed or only for selected customers. The changes though are cumulative, that means that changes introduced in a version are also included in later versions.

Version Date (dd.mm.yyyy)	Description
V2.21.0.0 11.06.2010 Available on www.ndd.ch	Follows V2.20.0.0 (2010) <ul style="list-style-type: none"> • EasyWare V2.21.0.0 (follows 2.20.0.0 – no changes – new number for CD production only) • EasyUpdate V2.1.0.0 • SmartStart V2.5.0.0 (follows 2.3.1.0) – with pre-installing all WHQL approved ndd drivers • Predicted Server V1.9.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.6.1.0 (follows 1.6.0.0) • ndd USB Cradle for EasyOne (3.4.1.20) – WHQL approved (NEW) • ndd ScreenConnector for EasyOne (2.6) – WHQL approved SmartStart V2.5.0.0: <ul style="list-style-type: none"> • Chg #5 'Installation of Winqual approved Drivers' • Chg #6 'New Firmware EZ1-STD-06020000-P-Res.zip replaces EZ1-STD-06010000-P-Res.zip'
V2.20.0.0 04.05.2010 Available on www.ndd.ch	Follows V2.14.5.0 (2010) <ul style="list-style-type: none"> • EasyUpdate V2.1.0.0 – follows V2.0.0.0 • Predicted Server V1.9.3 – follows V1.8.3.0 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.6.0.0 • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed • ndd ScreenConnector for EasyOne (2.6) – WHQL approved (follows 2.4.6) – this driver is pre-installed and also available via Windows Update. EasyWare V2.20.0.0: <ul style="list-style-type: none"> • Chg 374 '64-Bit Compatibility' – for EasyWare with ScreenConnector and PictBridge Cradle • Bug 402 '(c)ndd 2000-2008' new range for year 2010 • Chg 403 'New Predicted Austrian 1994' • Bug 404 'Admin cannot change db name' admins write to HKLM, others write to HKCU. New users read from HKLM if possible else from HKCU. • Chg 405 'Detailed Logging Information for Cradles' • Chg 406 'nddmed.log and update.log are located in programdata\ndd' – before it was the same location as the database. DB directory switches no longer force a splitting of these log files. • Chg 407 'Dialog Language Selection is shown always on top' • Chg 408 'Signed Standard Deviation for ERS/ECC Zapletal' • Chg 409 'DB info in main window's title bar' • Bug 410 'Last rec# in EasyOne is not the highest one' leads to wrong corrupt message caused by #392. • Chg 411 'Enhanced logging for GDT Recall' • Bug 412 'Message for corrupt test list removed' EasyUpdate V2.1.0.0: <ul style="list-style-type: none"> • Chg 32 'Firmware V3.26 is not detected as up to date' (LuNoKid!) • Chg 33 'Enhanced Upgradeability for Firmware V2.x, V5.x and V6.x' • Bug 34 'EASIONE_MAIN_V4 marks always P-Type' – that is a firmware without resources marking PictBridge Devices. Until now EZU detected such hexfiles of type M. Predicted Server V1.9.3.0: <ul style="list-style-type: none"> • 'New Predicted Austrian 1994' reloadable

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<p>V2.14.5.0 24.03.2010</p> <p>Available on www.ndd.ch</p>	<p>Follows V2.14.4.0 (2010)</p> <ul style="list-style-type: none"> • EasyUpdate V2.0.0.0 • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.5.2.0 (follows V1.5.1.0) • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed • ndd ScreenConnector for EasyOne (2.4.6) – ndd signed <p>EasyWare V2.14.5.0:</p> <ul style="list-style-type: none"> • Bug 397 'Progress Dialog – Indexing +1' • Chg 398 'No message about corrupt list if synch is cancelled or an error happened' • Chg 399 'Version info in main window' • Bug 400 'Long curves > 0x4000 cannot be read!' This bug blocks UPG tests for sure. Bugfix in DeviceCommDll V1.5.2 • Bug 401 'Corrupt Cradle is wrongly detected!' related to Chg #387 based on 2 criterias: 1) CRC and 2) Version Number. The CRC in different released versions is not testable - like V1.3. So the CRC test is only done for >= 1.4 / >= 2.5 / >= 3.3.
<p>V2.14.4.0 08.03.2010</p> <p>Available on www.ndd.ch</p>	<p>follows V2.14.3.0 (2010)</p> <ul style="list-style-type: none"> • EasyUpdate V1.9.0.0 • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.5.1.0 (follows V1.5.0.0) • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed • ndd ScreenConnector for EasyOne (2.4.6) – ndd signed <p>EasyWare V2.14.4.0:</p> <ul style="list-style-type: none"> • Chg #389 'If multiple instances of EasyWare are running a dialog must be shown'. • Chg #390 'Y2010 corrupted records have to be marked in Test List' with a '!'. • Chg #391 'Progress Dialog with numbered steps'. • Chg #392 'Show Corrupt Message if last record numbers in EasyOne and Test List are not equal' this may happen if database of EasyOne has been 1-2-5'd. • Chg #393 'Y2010 corrupted tests in combination with AGE setting and January 1st must be corrected'. • Chg #394 'DeviceCommDll Events have to be disabled during Update Process' especially PictBridge Cradle. • Chg #395 'EZP-267 Spirometry Interpretation: Delete 'At risk for COPD' message for smokers'. • Chg #396 'Update information has to be stored in a separate Update.ini for all users'. <p>Setup:</p> <ul style="list-style-type: none"> • New Cradle Firmware 'CRD-STD-03031400.mot' in firmware archive.
<p>V2.14.3.0 01.03.2010</p> <p>Available on www.ndd.ch</p>	<p>follows V2.14.2.0 (2010)</p> <ul style="list-style-type: none"> • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.5.0.0 (follows V1.2.1.0) • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed • ndd ScreenConnector for EasyOne (2.4.6) – ndd signed <p>EasyWare V2.14.3.0:</p> <ul style="list-style-type: none"> • Bug #388 'Wrong Date Correction in case of Y2010 affected EasyOne Date' – the date is set to today and this prevents the question for date/time synch with PC. <p>EasyUpdate V1.9:</p> <ul style="list-style-type: none"> • Bug #30 'An older fixed firmware version is detected as newer' if a newer firmware is in device and an older one in archive.'

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V2.14.2.0 26.02.2010 Available on www.ndd.ch	EasyWare 2010 follows V2.14.1.0 (2010) <ul style="list-style-type: none"> • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.5.0.0 (follows V1.2.1.0) • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed • ndd ScreenConnector for EasyOne (2.4.6) – ndd signed <p>EasyWare:</p> <ul style="list-style-type: none"> • Chg #356 ‘4-digits for years’ – all code which display the year with only 2 digits have to be modified to display 4 digit year numbers YYYY. • Bug #357 ‘Date/Time bug in config dialog’: If the time format in the EasyOne device is set to am/pm and the device is set to either 12pm or 12am, when viewing the General Configurations settings in Device Configuration the device clock displays 0:xx am or pm (whichever the device is set to). The hour displays 0 instead of 12. • Chg #359 ‘Registry Keys for DB Access’: server installations presume that the path to database point to a shared server volume. EasyWare stores this setting in HKEY_CURRENT_USER. This is sub optimal. For every new user the path has to be individually set to the server volume. We have to think about and find a solution which stores this information in a default user section of registry. Lothar Deuschle knows an IT guy who would help to find a solution for Windows Server 2003. To avoid multiple checks of firmware status the can be performed once as Administrator before other users log in for the first time. • Bug #379 ‘Synchronization of Patient Data suboptimal (Jira EZWR-3 ‘view record failed’) • Bug #380 ‘Unable to work with EasyWare if database is read-only’ • Chg #381 ‘About Dialog and Logfile with OS Info String’ • Bug #382 ‘EZP-234: Disability MultiFlow printouts differ and extra characters’ – differences between reports printed directly via PC and via EasyWare. • Bug #383 ‘Communication via PictBridge Cradle crashes’: Bugfix in DeviceCommDll Version 1, 4, 0, 0. PictBridge Cradles have a different behavior regarding connection/disconnection automatically. This can be realized when downloading device software or when direct printing via PC (in this case an automatic reconnection synchs new tests also without the need to remove the EasyOne and putting it back to cradle. • Bug #384 ‘Preferences are not saved in forced restart mode’ (if language and/or db change) • Chg #385 ‘New Button “Logfile...” in About Dialog’ shows logfile • Chg #386 ‘TestResult: QuickTest Parameter Output equal to EasyOne V6.2’ • Chg #387 ‘Corrupt Cradle Firmware has also to be handled’
	<p>Setup: The Setup Package includes now SmartStart.exe for the first time. This EXE is not shielded by Windows UAC and therefore this application can be started as standard user without admin rights. The same version is part of the EasyOne Plus Starter-CD with manuals and documents only.</p>
	<p>EasyUpdate V1.8:</p> <ul style="list-style-type: none"> • Bug #17 ‘Firmware 5.6 is not recognized as newer version if started by EasyWare – standalone mode ok’ • Chg #18 ‘Expert Mode shows “up-to-date” message for devices which are not’ • Chg #19 ‘New Firmware Type MOT for PictBridge Cradles’ • Chg #20 ‘Newer Cradle Firmware has also to be handled’ • Chg #21 ‘Corrupt Cradle Firmware has also to be handled’ • Chg #22 ‘Updater connects serial comm port if no other is available’ • Chg #23 ‘New EasyOne firmware EZ1-STD-06010000-P-Res.zip’ • Chg #24 ‘Newer EasyOne firmware with version 6.x has also to be handled’ • Chg #25 ‘New Cradle firmware ‘CRA-STD-03031100.mot’ • Chg #26 ‘In Stand Alone Mode multiple connection devices shall be handled with dialog’ • Chg #27 ‘Firmware can have a non matching finger print if it is the only one in archive’ • Chg #28 ‘New EasyOne firmware ‘EZ1-STD-02220000-M-Res-Brasil’ Older firmware V2.x of M-Type devices do have Brasil Language which caused updates failing. Brasil was included in P-Types only. • Chg #29 ‘Original finger prints are shown in dialog and log file - including the masked out ones’
	<p>SmartStart V2.3.1:</p> <ul style="list-style-type: none"> • Chg #4 ‘New Firmware Type MOT for PictBridge Cradles’ - *.mot files are also copied into firmware archive

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V2.14.1.0 26.01.2010 Available on nnd pickup	EasyWare 2010 follows V2.14.0.0 (2010) <ul style="list-style-type: none"> • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.2.1.0 (NEW) • nnd USB Cradle for EasyOne (3.4.1.20) – nnd signed • nnd ScreenConnector for EasyOne (2.4.6) – nnd signed EasyWare: <ul style="list-style-type: none"> • Chg #364 'Menu Start EasyUpdate always enabled': This command should be always active. A disconnected EasyOne or Cradle should show a message like "Not connected" (same as in status bar). • Chg #365 'No more automatic checks for firmware upgrades' • Chg #366 'About Info for EasyUpdate' • Bug #367 'Firmware 5.x Error 17 Status not detected' • Bug #368 'Realtime FVL VT curve offset issue' • Chg #369 'EasyOne's will be checked only once during active time of EasyWare' • Bug #370 'Firmware 1.x is not correctly detected' • Bug #371 'Study Records Handling Fails': since implementation of new DeviceCommDll reading and sending study config records fail. • Bug #372 'Splash Screen Covers GDT Dialog' • Chg #373 'DeviceCommDll switched to Thread Based'– the Timer Based Dll caused COM Interfaces to fail. • Bug #375 'Records affected by Year 2010 Date/Time Issue are not being synchronized' • Chg #376 'Missing EasyUpdate.exe disables Updating' • Bug #377 'COM Interface, missing xml schema is not reported correctly' • Chg #378 'Dialog New Database with system modality'
	SmartInstaller V2.3: <ul style="list-style-type: none"> • Chg #1 'The batch file for removing all nnd drivers is no more executed' • Chg #2 'Firmware Archive is deleted before new files are copied in'
	EasyUpdate V1.6: <ul style="list-style-type: none"> • Bug #6 'Local Firmware Archive': EasyUpdate is not able to use a local firmware archiv without altering the path to firmware information of EasyWare. • Bug #7 'GE firmware Chinese': firmware EZ1-GEC-04030000-P-Res-China.zip has to be removed from firmware archive. • Chg #8 'Log Program and Firmware Info' • Bug #9 'Custom Startup Logo Detection Fails': The marking of a custom resource with a '**' fails if a firmware has a startup logo. • Chg #10 'Expert-Mode': a new menu command shall allow manually downloads of firmware. • Chg #11 'About Box': a new dialog box shall show the program version. • Bug #12 'Cradle Programming has no Progress Dialog' • Bug #13 'Firmware 5.x Error 17 Status not detected' • Bug #14 'EasyOne with Bootloader V1.x is not detected correctly' • Chg #15 'Detection of Flat Firmware Archive' set path to firmware archive - 3 scenarios: 1) EasyWare V2.14 is started -> firmware is in CSIDL_COMMON_APPDATA\firmware 2) Copy Version -> firmware FOLDER is in same folder as EasyUpdate.exe 3) Copy Version -> firmware FILES are in same folder as EasyUpdate.exe • Chg #16 New firmware EZ1-STD-05060000-P-Res replaces EZ1-STD-05050000-P-Res
	SmartInstallation V2.3: <ul style="list-style-type: none"> • Requires Admin Rights • Chg #1 'The batch file for removing all nnd drivers is no more executed' • Chg #2 'Firmware Archive is deleted before new files are copied in' • Chg #3 'GetOSDisplayString is shared with EasyWare'

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V2.14.0.1	<p>EasyWare 2010 follows V2.12.0.0 (2009) for SAPALDIA</p> <ul style="list-style-type: none"> • EasyWare V2.14.0.1 is intended to be used by Sapaldia only. For this the QC algorithms have been slightly modified. • EasyWare and EasyUpdate are explicitly bundled with DeviceCommDll V1.1.2.0. At this time the dll has already been modified for Thread Based Access (Latest Version). • EasyWare V2.14.0.1 (modified QC for Sapaldia) • EasyUpdate V1.5.0.0 (NEW) • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • DeviceCommDll V1.1.2.0 (Timer Based) • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed • ndd ScreenConnector for EasyOne (2.4.6) – ndd signed
V2.14.0.0	<p>EasyWare 2010 follows V2.12.0.0 (2009)</p> <ul style="list-style-type: none"> • With EasyUpdate V1.4 • Bug #358 'Serial Port selection': In device selection dialog only COM1 can be selected and the box size is too small. • Bug #360 'Online Test crashes': if <no incentive> is selected and patient data is nulled (not specified). • Bug #361 'Missing Predicted Marks': A sidekick of Bug #337 'Misplaced Predicted Marks in case of FVL Test' causes missing predicted marks in Test Dialog. • Bug #362 'Online-Tests enabled in Cradle Mode' • Bug #363 'Encryption fails' caused by a missing merge module in setup project. The bug is fixed by including merge module "vc_crt.msm" in Setup.
V2.12.0.0 10.09.2009	<p>EasyWare 2009 follows version V2.11.6.0</p> <p>Main features:</p> <ul style="list-style-type: none"> • Compatible with all EasyOne's up to firmware V7. • Compatible with communication devices PictBridge (new) and Serial Cradle, USB Cradle and ScreenConnector. • Automatic detection of communication devices. • Manuals EasyWare (en, ge, fr, it, sp V07). • New compatibility with Windows Vista and Windows 7: <ul style="list-style-type: none"> - Database Folder is set to "All Users\Application Data\ndd". Users have full access. - Export Folders are now set to "All Users\Documents\ndd" . Users have full access. - A new button in Preferences restores default settings by copying logfile and database from old to new directory. <p>Bug fixes:</p> <ul style="list-style-type: none"> • 'Misplaced Predicted Marks in cas of FVL Test': When performing an FVL (in ex) online-test, curve data is displayed in center of window with misplaced predicted marks on left side (2 blue crosses). • 'MVV bug reporting': EZ1 inverts MVV curve in direct printing mode. EZW is consistent in test result and print out regarding curve output. The parameter set in EZW test result (now MVV, FET) has to be corrected: MVV, VT, Rf as it is now in EZW print out (MVV, VT, Rf). EZ1 direct print out shows parameters MVV, FET, Rf. FET has to be replaced by VT. • New Portuguese texts for interpretation. • 'Serial# and record# in dialog title' to make support more easy. <p>Main parts:</p> <ul style="list-style-type: none"> • EasyWare V2.12.0.0 • Predicted Server V1.8.3 • EZ1 Resource Provider V3.0.1 • Communication DLL V1.1.0.0 • ndd USB Cradle for EasyOne (3.4.1.20) – ndd signed – installed in program folder • ndd ScreenConnector for EasyOne (2.4.6) – ndd signed – installed in program folder <p>Remarks:</p> <ul style="list-style-type: none"> • EasyOne's with serial number > 80'000 need EasyWare V2.12 • Tidal Breathing Feature needs EasyWare >= V2.11.6 and EasyOne Firmware >= 5.1

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V2.11.6.0 31.10.2008	EasyWare 2008 <ul style="list-style-type: none"> Follows version V2.11.2.0 With Tidal Breathing New setup with SmartInstaller. EasyOne and EasyWare manuals can be printed out with SmartInstaller. If administrator rights are needed, SmartInstaller asks for. If no PDF reader is installed, SmartInstaller installs one. New EMR functionality as designed by Michael Paquin, Mason Le, Peter Peyer A new setting in preferences allows recalculation of QC-Grades either for ATS 1994 QC or for ATS 2005 (Anamika Feature). 'Save as PDF' also for more than 1 test selected 'Export Data' in general should export 8-trials, not only 3. New prediction server V1.8.1 with Knudson_83 (females computed differently), LLN values for Roca, Brazilian06 and some bugfixes. Support for serial numbers > 64k Manuals EasyOne (en, ge: V61; fr, it, sp: V59) und EasyWare (en, ge, fr, it, sp V06)
V2.11.2.0 30.05.2008	EasyWare 2007 <ul style="list-style-type: none"> New prediction server V1.7.1. Bug fixes in 'opening of old databases' for upgraded customers. Bug fix in COM interfaces (DownloadCurve).
V2.11.1.0 27.11.2007	EasyWare 2007 <ul style="list-style-type: none"> New predicted values "Brazilian 06"
V2.11.0.0 EasyWare 2007 17.10.2007	<ul style="list-style-type: none"> Support of 8 trial display in Advanced view (EasyOne firmware >V5.0). This includes improved editing of trial order and acceptability. By clicking on the trial number or on the trial rank individual curves can be highlighted. PDF-Export of a selected test. PDF Export: In order to use this feature a PDF printer is required. If such a printer is not available please download and install an appropriate printer. Examples of such printer drivers are Adobe Acrobat (www.adobe.com), PDF Creator (freeware, sector7g.wurzel6.de/pdfcreator) or Bullzip (freeware, www.bullzip.com). The file name can optionally be generated automatically by using serial number, record Number, Type of Test, Patient ID, Patient Name, Patient Age and/or Test Date. New and larger icons in the tool bar. Improved main window sizing. Improved handling of lost database path. Improved handling of options for standard users. Enable weight/height entry when data is missing in GDT.
V2.9.2 General purpose release for ndd 27.02.2007	<ul style="list-style-type: none"> Correction regarding 'cloned' trials caused by 'Advanced View' trial reordering and merging of databases Correction for re-loadable pediatric predicted values
V2.9.1 6.10.2006 This version is for GE Health-care only	<ul style="list-style-type: none"> Automatic synchronization check of EasyOne and PC within ± 15 minutes Several GDT improvements and corrections (e.g. for Medistar) Several installation improvements, including correct handling when restricted user rights are used after installation of the software Trend report can be printed Improvement of trend report Many small errors in trial reordering and changing of trial acceptability corrected Reviewers comments are printed on the report
V 2.9 21.04.2006 Release for Polymed (Switzerland) only	<ul style="list-style-type: none"> TechID can now be entered in patient data dialog (requires EasyOne Firmware >2.5) Implementation of a simple trending tool Manual synchronization icon deleted from toolbar and menu ERS/ATS data export implemented Support of Czech language Date and time setting to PC in configuration dialog Implementation of Cardiosoft interface for EasyOne-CS. New drivers for Screen Connector (supporting PC standby mode) Corrections of some minor GDT errors. Implementation of Kanji reports.

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V 2.8 15.04.2005	<ul style="list-style-type: none"> • Merging of databases added to file menu • Export of all records from all devices in a csv file implemented. This feature is especially useful for the evaluation of studies. A single line contains all important data from a test. • Reports automatically printed in portrait mode • Preferences menu: Database name and path fields combined • Correction of display of height when using ft/in and inches are >9 • GDT support for first name and last name • GDT export of interpretation and predicted source • GDT recall via 6311 implemented (using record numbers or name/date/time) • Improved use of EasyWare under limited access rights (single entry of software serial number)
V 2.7.1 25.10.2004	<ul style="list-style-type: none"> • Error in GDT curve data export corrected • Database can again be opened by several users (this was not any more possible in V2.7)
V 2.7 3.9.2004	<ul style="list-style-type: none"> • Full support of EasyOne Screen for the US: on-line display and test result dialog support OSHA and Disability tests • First support of EasyOne NET: a) Data import from XML, p7m (encrypted EMail) and eml (EMail) files. b) Device encryption key management using Edit / Add buttons in the 'Select Device' dialog • Changes in Predicted values: Polgar added and LLNs for ERS, Morris and Zapletal added • The status bar additionally indicates if an USB cradle or a Screen Connector is detected • Password protection of the database • GDT export file contains serial number and record number; in addition EasyWare can be started with a command line parameter in order to display a selected record number
V 2.6 4.6.2004	<ul style="list-style-type: none"> • Single installation for all languages • Installation procedure supports update of previous versions • Supported languages: English, German, French, Italian, Spanish, Japanese • Language selection through File / Switch language menu • Quick test preview using PgUp/PgDn buttons in Test Preview dialog • Correction of strange grid arrangements when quickly jumping from record to record in Test Preview • 'Advanced' mode of Test Preview dialog with additional parameters, reviewing capability, memo field and possibility to change trial ranking and trial acceptability • Display of calibration records in Test Preview dialog • Improvements regarding detection of EasyOne (connectivity problems) • Correction of minor bugs in GDT interface and documentation
V 2.5.1 24.2.2004	<ul style="list-style-type: none"> • Interpretation text for Gold/Hardie in French language no longer shows garbled text
V 2.5 17.2.2004	<ul style="list-style-type: none"> • Full support of all languages used for report printout. • EasyWare user interface now in English, German, French and Spanish. • New installation software in English only.

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V 2.4 2.12.2003	<ul style="list-style-type: none"> • Introduction of Children Incentive Screen (using Macromedia Falsh technology) • Flash player installation integrated in standard installation procedure • Implementation of predicted server predaut.dll. All predicted values (and LLNs) are computed in the external dll predaut.dll. This allows easy updated of the predicted values and is now fully consistent with EasyOne firmware >= V2.0 • Improved display speed during real-time curve display (the curve tended to be slow during the end of an FVC or FVL test) • Several changes in installation procedure. • Improved 'About' dialog, with link on ndd Web page and Flash player logo. • Bug in menu File / Preferences corrected: Program crashed when the path was empty and the Browse button was clicked • Test Preview adapted with correct use of FEF/MEF according to regional settings (US / Europe) • Entering the software serial number now during first use of the software and not any more during software installation. • Default port changed to USB cradle. • Correction of a bug in Device Configuration when the type was changed from Diagnostic to Frontline.
V 2.3 24.7.2003	<ul style="list-style-type: none"> • Full implementation of the screen connector: real time curve display. • Improved selection of interface type (serial, USB or Screen Connector) in the File / Preferences menu • Correction of a synchronization error: When trials have been added to a post test these tests were not re-synchronized with the PC database. • Enabling renaming of the database (File / Preferences menu) • Strongly improved driver installation: The CD-ROM is not necessary any more if the drivers are installed later-on • New EasyWare manual combined English / German
V 2.2.2 21.2.2003	<ul style="list-style-type: none"> • Correction of an error that leads DAO error message (Code 3001). The error happened rarely in the case of post test records.
V 2.1 30.1.2003	<ul style="list-style-type: none"> • Correction of a bug where the program crashes when the first test in the database is viewed or printed and this first test has less than 3 trials • Improvement of the installation software, see below
V 2.0 18.12.2002	<ul style="list-style-type: none"> • Sorting of the record list according to the record list header. Items can be listed in ascending and descending order. • Deleting of records. • Display of records in a test preview window that is faster and much more readable than the previously used print preview window. The test preview allows fast record to record access. Pre and post test can be viewed separately or combined • Support of NIOSH features in special NIOSH menus that are only displayed when a NIOSH device is connected. • Support of synchronization over modem for NIOSH devices
V 1.5.1 9.4.2001	<ul style="list-style-type: none"> • Supports 'best value' on the COM interface. The COM interface description has been improved.
V 1.5 20.3.2001	<ul style="list-style-type: none"> • The software corresponds to EasyOne firmware version 1.12 • 'Lung Age' implemented for report as well as for the configuration options • COM interface for direct access to EasyOne implemented, see attachment D of the English User Manual. • Print error corrected. In previous versions an error occurred when multiple records where printed. In this case the predicted values where in some cases not printed at all. • Bug corrected where pre/post records in the synchronization range where not correctly synchronized.

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V 1.4 29.2.2001	<ul style="list-style-type: none">• The installation includes the software EasyStart which allows an simple selection of the installed language during the installation process• Installation procedure now also work correctly under Windows NT and Windows 2000• Language versions German and French added.• Additional Dutch version with English interface language but Dutch printout.• Correction of printout for certain HP printers where the last column was sometimes cut off.
V 1.3.1 2.2.2001	<ul style="list-style-type: none">• The 'ERS-70' problem from V01.03 has been solved in the same way as in the EasyOne firmware• Introduction of the GDT interface (mainly used in Germany). The GDT interface has been tested with Demo versions of Turbomed, Medistar and MCS-IsyNet
V 1.3 22.12.2000	<ul style="list-style-type: none">• First official release of EasyWare• The software has the so called 'ERS-70' problem: ERS predicted values for patients older than 70 years are not extrapolated. The EasyOne firmware, however, extrapolates ERS predicted values up to an age to 90 years since version 1.11 of the firmware.