

IVDK - Completed IT work and projects from 2009 - 2016

Delivery of the WinAlldat/IVDK Update 1.64c

- Update of the DKG test series 04/2016
- Delivery or release of the IVDK Update 1.64c end of March 2016
- Project duration: 01.02.2016 - 31.03.2016

Rollout of Windows 10 and Microsoft Office 2010

- Conversion of the central IVDK workstations from Windows 7 to Windows 10 x64
- Conversion of the boot hard disks uniformly to SSD technology (solid state disks)
- Motivation: Improved and simplified maintenance, EOL October 2020
- Motivation: Standardization of internal workstations
- Project duration: 01.09.2015 - 01.10.2016

Delivery of the WinAlldat/IVDK Update 1.64

- Software corrections and update of DKG test series 09/2015
- Change and adaptation of the Winalldat IVDK documentation
- Delivery or release of the IVDK Update 1.64 end of August 2015
- Project duration: 15.07.2015 - 30.08.2015

Relocation of the IVDK Institute

- Optimized and improved IVDK IT and network infrastructure as a result of the move (e.g. WLAN)
- Internet connection with 100 Mbit/s by Deutsche Telekom using vDSL technology
- Synology NAS Disk Station 2x 1TB RAID-1 as Intranet File Server
- Secure connection to the university computer center (e.g. group drive) via vpn.gwdg.de
- New contact details available at info.ivdk.org
- Project duration: 01.06.2015 - 15.07.2015

Delivery of the WinAlldat/IVDK Update 1.62

- Update of the DKG test series 01/2015, support for Windows 8/8.1
- Software corrections and revision of the anamnesis documentation
- Change and adaptation of the Winalldat IVDK documentation
- Delivery or release of the IVDK Update 1.62 Mid December 2014
- Project duration: 01.11.2014 - 10.12.2014

Delivery of the WinAlldat/IVDK Update 1.60d

- DKG test series update, support for Windows 8/8.1 (June-November 2013)
- Software corrections and revision of the Winalldatview Basic System (March 2014)
- New test substance editor for patient's own substances (2012)

- Winalldat software corrections and revision of the help files (March 2014)
- Improved Ribbons: Adjustments to MS Office 2007, 2010 and 2012 (Feb. 2013)
- Winalldat View 1.15: bug fixes and relaunch of the help (April 2013)
- Update function for automated download and installation (June 2013)
- Delivery or release 1.60: 12/2013
- Delivery or release 1.60d 04/2014
- Project duration: 01.11.2012 - 31.03.2014

Implementation of the multicenter DKG protein contact dermatitis (PKD) study - Phase II

- **Development of a documentation program** to record the anamnesis, findings and test results
- Winalldat PKD receives a dedicated export function to enable central evaluation under SAS
- Software corrections, improvements and updated setup program with auto update function
- Update function for automated download and installation of the PKD software (June 2013)
- 12 IVDK centers are participating in the study
- **Delivery of PKD software 1.16 from 20.12.2013** to all 12 facilities
- Project duration Phase II : 01.1.2014 - 31.12.2015

Relaunch of the IDOK data management system 2012

- Motivation: Migration of the data management system from MS-Access 97 to MS-Access 2010
- Global changes: Redesign of the user interface (GUI)
- Changes global: Change of the display from system font 8 pt to Arial 10/11
- Changes Forms: Change from listboxes to datasheet with filter functions
- Additions Forms: Dropdown fields for speed typing and improved plausibility checks
- Corrections: Bugfixes in the data model and in the software - [IDOK Data Management System Screenshot](#)
- Project duration: 01.08.2012 - 31.08.2012

Relaunch of the IVDK website in 2 phases

- Motivation: Conversion from a HTML/CSS-1 based system to a Content Management System (CMS)
- Development: Project was started 02/2011 based on the CMS Joomla 1.5 and finished 07/2012
- Migration from Joomla 1.5 to Joomla 2.5 with new template, new structure and revised content from 04/2012-07/2012
- Project Manager: [Tom Meyer](#) supported by Ronald Arnold and [Jan Geck](#)
- Project duration: 01.02.2011 - 30.07.2012

Conversion of the Internet/Intranet server in the IVDK

- Motivation: separation of Internet and Intranet services
- Internet: external Alfahosting web server www.ivdk.org
- Intranet: Synology internal NAS system, type DS211j RAID-1 with 2 x 1 TB storage capacity
- Previous Unix server on OpenBSD has been switched off
- Project duration: 01.03.2011 - 01.07.2012

Rollout of Windows 7 and Microsoft Office 2010

- Conversion of the central IVDK workstations from Windows-XP to Windows-7
- Motivation: improved and simplified maintenance
- Motivation: Standardization of internal workstations
- Majority use of Windows-7 64bit
- Project duration: 01.01.2011 - 01.08.2012

New patient-specific Winalldat test substance editor - TS-Editor

- Motivation: Processing of the extensive patient-owned products/test substance catalogue
- Correct spelling mistakes in product names or test substance names when searching for duplicates
- Output of the patient list for a patient-specific product/test substance
- Request by the University Dermatological Clinic Zurich / CH
- [TS-Editor](#) - Screenshot of the patient-specific test substance editor
- Project duration: 01.11.2011 - 31.03.2012

System hardening of the [IVDK Unix server system](#)

- Update from OpenBSD 4.9 to 5.0 - Installation of security related operating system updates (Kernel, PHP, MySQL, Apache, Samba/Swat)
- Configuration of the transfer of the backup files (dump files) from the *primary server* to *secondary/standby server*
- Project duration: 08.11. - 10.11.2011

Delivery of the WinAlldat/IVDK Update 1.58

- Update of the DKG test series (DKG Update 10/2011)
- Adaptations to MS Office 2007 and 2010
- New IVDK domains www.ivdk.org, ftp.ivdk.org, winalldat.ivdk.org and video.ivdk.org
- Update and consolidation of the Internet links to the new IVDK domains
- Delivery or release: probably in October 2011
- Project duration: 01.06.2011 - 06.10.2011

System hardening of the [IVDK Unix server system](#)

- Update OpenBSD 4.8 to 4.9 - Install security-related operating system updates (kernel, PHP, MySQL, Apache, Samba/Swat)
- Configuration of the transfer of the backup files (dump files) from the *primary server* to *secondary/standby server*
- Project duration: 9.05. - 12.05.2011

Preparation for the introduction of the IVDK acquisition software in Lausanne

- Language adaptation of the Winalldat IVDK software to the needs in Lausanne and Geneva
- Translation of the catalogue tables such as professions, reactions etc. as well as the user interface
- Familiarization of a student assistant regarding the adaptation work and preparation for later support tasks
- Development of an IT infrastructure to coordinate the work of the group in Lausanne/CH and Göttingen/D
- Einsatz von Cloud-Computing (dropbox), FTP, Strato Hidrive, Teamviewer (remote control software), Webcam, Skype.
- Setup of 2 new Windows-XP test systems (German and French, Virtualbox Image under Windows-7 SP1)
- Software adaptation work and simulation test on the test systems
- Project duration: 01.01.2011 - 31.12.2011

New web server or ISP Alfahosting from 01.02.2011

- Task of the V-Server of the ISP provider Strato AG
- Mixed administration between console/SSH shell and Plesk panel was considered inefficient
- Transfer of the websites hosted by the IVDK (IVDK, KAB, DKG and ESSCA) to the ISP Alfahosting
- Project duration: 01.02. - 30.04.2011

Implementation of the multicenter DKG protein contact dermatitis (PKD) study - Phase I

- **Development of a documentation program** to record the anamnesis, findings and test results
- Winalldat PKD receives a dedicated export function to enable central evaluation under SAS
- 12 IVDK centres are participating in the study, **delivery of the PKD software** to all 12 centres **from 1.11.2010**
- Project duration: 01.08.2010 - 01.04.2012

System hardening of the [IVDK Unix server system](#)

- **Update OpenBSD 4.7 to 4.8** - Install security-related operating system updates (kernel, PHP, MySQL, Apache, Samba/Swat)
- Configuration of the transfer of the backup files (dump files) from the primary *server* auf *secondary/standby server*
- Project duration: 8.11. - 20.11.2010

Delivery of the WinAlldat/IVDK Update 1.56

- Update of the DKG test series (DKG update 09/2010)
- Error corrections in the program Winalldatview
- Numerous improvements in the IVDK setup program
- IVDK data are now automatically updated in the server directory via ODBC DSN "winalldatdesign"
- IVDK download directories and the documentation for update installation and reinstallation have been harmonized
- Delivery or release: beginning of September 2010

- Project duration: 15.07.2010 - 15.09.2010

Support activities and, if necessary, remote maintenance in the following facilities

- Berlin-Charite/D, Amsterdam-VU/NL, Leipzig/D, Graz/A, Oldenburg/D, Aarau/CH, Munich-TU
- Göttingen/D: Type-1 Prick/IC data analysis with Winalldat View (Project duration: 01.02.2010 - 15.08.2010)
- Setting up a new Windows XP system for the IVDK ladder due to a system failure (AMD X2 4200+ 2.2 Ghz, 2 GB RAM, 32bit)
- Project duration: 02.08.2010 - 06.08.2010

System hardening of the IVDK Unix server system

- OpenBSD 4.6 to 4.7
- Installation of security relevant operating system updates (Kernel, PHP, MySQL, Apache, Samba) and SWAT (Samba Web Admin Tool)
- Reconfiguration of the transfer of the data backup files (dump files) from the primary server to the secondary/stand-by server
- Migration of the primary server to a Thinkcentre 55E 1.8 GHz Intel Core 2 Duo system
- Migration of the secondary server (stand-by) to a Thinkcentre 55M iPP IV 3 GHz
- Measures to improve energy efficiency and reduce energy consumption.
- The server update process was documented and is available as SOP (standard operation procedure)
- Project duration: 20.05. - 30.07.2010

Setup of a Windows 7 Ultimate system with 64 bit architecture

- Continuation of the Winalldat IVDK/ESSCA software development under .NET - Visual Studio 2008 Professional
- Project duration: 01.12.2009 - 30.01.2010

Setting up a new Windows-XP system

- Setting up a new Windows-XP system for statistical evaluations under SAS
- Intel Core 2 Duo 2.5 Ghz, 2 GB RAM, 32bit)
- Project duration: 01.12.2009 - 30.01.2010

New IT security concept for the IVDK server

- Setting up a firewall on OpenBSD (pf.conf). Access via SSH (+public and private key)
- Remove potentially problematic files from the IVDK web server
- Project duration: 28.12.2009 - in progress

Sending the WinAlldat/IVDK Update 1.54

- Program and error corrections as well as encryption of data transmission and new module "Winalldatview Basic" with 2 dialogs
- Dialogue 1: The number of tested cases per (test) substance and period can be determined
- Dialog 2: ad-hoc determination of the number of tested cases per month, quarter or year
- Display or output as clearly arranged cross tables
- Project duration: 01.10.2009 - 15.12.2009

Revision/expansion of the IVDK [video tutorial portal](#)

- Project duration: 01.10.2009 - 15.12.2009

System hardening of the [IVDK Unix server system](#)

- **Update OpenBSD 4.5 to 4.6** - Install security-related operating system updates (kernel, PHP, MySQL, Apache, Samba/Swat)
- Configuration of the transfer of the backup files (dump files) from the primary *serveraufsecondary/standby server*
- Project duration: 22.10. - 15.11.2009

Renewal of the IVDK server systems

- Relocation at the end of May 2009 led to a failure of the internal mass storage for the backup, so that server operation was disrupted
- Further investigations revealed that the central mass storage of the server also urgently needs to be replaced
- IVDK Server rebuilt
- primary server: ThinkCentre M50 3.0 GHz iPP IV, secondary server (standby): Siemens Scaleo 600 3.0 GHz iPP IV
- The server work and the new [server disaster management concept](#) were successfully completed and implemented on 28.07.2009.
- Project duration: 10.07. - 31.07.2009

New IVDK Webserver in preparation

- Parallel to this, a V-Server of the ISP provider Strato AG will be set up, on which the IVDK website will be hosted
- The websites of the IVDK (ESSCA/DKG/KAB) are to be converted to a CMS system (Plone)
- Project manager: [Dipl.-Phys. Max Neudecker](#), freelance IVDK employee
- Project duration: 01.07. - 31.12.2009

Network "Contact allergies through occupational substances" - KAB Network

- Project brief on the web, development of a compact website using HTML and inline-CSS.
- Project duration: 20.05. - 25.06.2009

Move of the IVDK IT department (Arnold, Neudecker)

- within the University Dermatology Clinic in rooms B-115 and B-116 due to internal room usage changes
- Failure of the IVDK server (mainboard, backup disk) due to relocation
- Rebuilding a temporary IVDK server on OpenBSD 4.4
- Recommissioning of 3 IVDK Win-XP PC machines
- Development PC, test PC with Virtual PC Images NT 4.0/Win-2K, assistant PC
- Project duration: 10.04.2009 - 25.05.2009

Network "Contact allergies through occupational substances" - KAB Network

- Development of the Winalldat KAB software on behalf of the professional associations of Germany
- Data management and documentation software for the KAB network
- New conception of the program interface (GUI)
- Administration of anamnesis and test data
- Management of product and ingredients (substance editor)
- Printout of the test protocol etc.
- Overview diagram data structure
- Release beta version 0.99.1 on 30.06.2008
- Release RC/Final 1.06.0 on 30.06.2009
- Software development
- Project duration: 01.05.2008 - 30.06.2009

Completed support activities

- Dessau, Dresden Friedrichstadt, Essen, Göttingen, Leipzig, Münster, Barcelona
- Essen, Münster: Reinstallation, network installation 1.52.1
- Göttingen: Integration of the Winalldat PC systems into the domain of the UMG
- Dessau: New installation of the Winalldat IVDK version 1.52.1
- Dresden Friedrichstadt, Leipzig: Repair installation Winalldat IVDK Version 1.52.1
- Falkenstein: New installation of the Winalldat IVDK version 1.52.1
- Sofia/Bulgaria New installation of the English Winalldat ESSCA version 1.52
- Barcelona/Spain: Report generation/patient list with anamnesis items => Study
- Project duration: 01.06. - 15.10.2009

New IVDK domains www.ivdk.org, ftp.ivdk.org, winalldat.ivdk.org and video.ivdk.org