Instructions for system change from digipaX1 to digipaX2

1 General Notes

1.1 Control-Center

The Control Center is the central configuration management similar to the administrator area in digipaX1. The settings must all be made manually. An import of an old digipax.ini is not possible.

1.2 Worklist

The worklist is already integrated in digipaX2 server setup. Existing worklist servers can be integrated as external ones and continue to be used. However, it is recommended to use only the built-in worklist.

1.3 Router

Existing routers can only be integrated as external archives. However, it is strongly recommended to uninstall existing routers and migrate and adjust the routing rules to a new router.

2 Workflow changeover

2.1 Preparation

2.1.1. Backup

Backup and all relevant data, especially DICOM files.

2.1.2. Configurationen

Note and backup all configuration settings, especially:
- note AE titles and ports
- GDT settings
- X-ray journal
- veterinary settings
- organ tabels (bodies) + tags procedure codes
- settings for patient data

2.1.3. Deinstallationen

If the already existing digipaX1 server is also used as a server for digipaX2, the following steps should be taken first:
- uninstall worklist (first run WLSetup.bat and then choose remove)
- uninstall old image archives and routers or stop services and uninstall services
- uninstall old MySQL server (if it is not to be used any further – not recommended)
- reboot server

2.2 Install digipaX 2 Server

- install as Server/Standalone (if existing MySQL is to be used further, the run digipaX2_installer with parameter „ComponentSelection=true" and deselect MariaDB)

2.3 Image archives (Conquest)

- create new archives with Control Center
- activate and configure automatic X-ray journal entries, if journal for „old" images is desired
- integrate existing DICOM images:
  - Variant1:
    - copy or move images

- run Re-build
- no thumbnails
- no X-ray journal entries
- o Variant2:
  - send images via Xadmin to new Conquest
  - the Service Center automatically generates thumbnails and X-ray journal entries

2.4 Thumbnails and Presentation States

- old thumbnails (bitmaps) can go
- The presentation states can be converted from digipaX1 to digipaX2 and transferred to the new folder structure with Xadmin. Instructions can be found in the relevant Xadmin user's manual (German only).

3 Administration / Configurationen

3.1 GDT

3.1.1.   Action control

The GDT action controls have changed and need to be adjusted accordingly in practice management as well, if used.
WL = Worklist
IMP = Import
CDI = Import Patient CD
SHW = Show (Show images)
EXP = Export
PRN = Print
CDE = Create Patient CD

3.1.2.   Response

The option „Include view position to study description" is moved to a different place. Basically, the GDT connections have to be reconfigured.

3.2 X-ray journal

The format and administration of the X-ray journal changed. Existing X-ray journals can be migrated to the new format. Firstly the tag settings in digipaX2 must be set in the same way as in digipaX1. Then the old journal must be exported as a CSV file in digipaX1 and re-imported in digipaX2. Nevertheless, the old X-ray journal from digipaX1 should be saved. If the old journal was written after the auto image receiving, the new one should be written by the Service Center after image receiving.

3.3 Delete and edit funktion

These functions are now in the Image Management tab and need to be reconfigured. Activation is now done by activating the module in the license for each user separately.
The old delete and edit passwords no longer work. Now the password of the current user or the administrator password is used.

3.4 User texts

The path to files for user texts (lists of doctors, X-ray assistants etc.) is now:
"\\SERVER\dpXSYS\data\{Group-ID}\{User-ID}"
Existing data can be migrated from the Windows user profile.

3.5 Patient CD labels

The patient CD labels are no longer in the program directory but on the server:
"\\SERVER\dpXSYS\cfg\{Group-ID}\labelPrint"
Existing self-created labels can be copied there.

3.6 Filter

The filter settings for the display filters from digipaX1 are not compatible with digipaX2 because improved algorithms are used. All filters must reset individually. However, the settings from digipaX1 can serve as a guide.

3.7 Terminal Server

Operation on Terminal Servers is still possible, but the configuration has changed. The "/ami" start option is no longer available. The configuration must be done again according to the digipaX2 Administrator's Guide.

3.8 Multi Monitor Module

There is no longer a choice of different functions per monitor. A work monitor must be specified on which the digipaX2 main program runs. Only the viewer is displayed on other monitors. For all monitors, the function Image splitting / Hanging protocols can be activated separately, if licensed.

3.9 Veterinary

The levels Series and Image for storing veterinary data are no longer supported (only level patient and study). If necessary, other tags must be defined for such fields.

3.10 Tool Datensicherung (Data Backup)

It's necessary to adjust the directory in search options. This must be set to image path (according the path in server setup) for digipaX2. Do this together with the user when the first data backup is required.

4 Instruction users

4.1 New Feature Drag&Drop

The new function must be explained to the users. This includes being able to drag and drop the images from one component to another. Drag&Drop can be applied to nodes for Patient, Study, Series, or Single Image. The components can be emptied again with the small button. Drag&Drop is also possible with the right mouse button.

4.2 Quick Navigation

Right-clicking on a patient in the patient management opens a navigation menu that can be used to quickly reach the relevant components. The patient's data is passed on. This also works in other parts of the program, e.g. preview trees (subnodes can also be selected here) or file browsers.

4.3 New Component Image Management

The new component combines the functions "Delete images", "Edit image data" and "Import images". The component must be explained to the users. The GDT data comparison as well as the import of patient CDs and the corresponding corrections are performed with this component. This must be shown and explained to the users.

4.4 Image Viewer

In the preview tree there is only the tree view with patient information above. The list view no longer exists. If several patients are loaded in the viewer, the patient information of the active image is displayed.

4.4.1. Annotations and Measurements

Creation of annotations and measurements has changed. Previously, after clicking, the mouse button could be released and clicked from point to point. In the digipaX2 the mouse button must be held down except for the polygon. Polygon and angle are completed with the right mouse button. This must be explained to the users.

4.4.2. New Feature Quick-Tools

The functionality and options must be explained to users. Just like adding the individual icons from the toolbar to the Quick Tools.

4.5 Expert Mode

Various advanced functions in the patient CD and print modules and the advanced patient search in patient management are only available when expert mode is activated. This must be shown to the users.