

# mint Lesion™

## TECHNICAL ASPECTS REGARDING INSTALLATION AND INTEGRATION

„mint Lesion™ was implemented easily and completely without problems into our virtualized server infrastructure. Operation and maintenance are being done without noteworthy effort. The option to realize user authentication via LDAP simplifies administration and additionally increases user acceptance“

Armin de Greiff  
University Hospital Essen



**LOW MAINTENANCE**  
**THIN CLIENT ACCESS WITHOUT DEPLOYMENT**

**EASY**  
**SCALABILITY**

**COMPATIBLE WITH SOLUTIONS FOR**  
**VIRTUALIZATION**

**TRIED AND TESTED**  
**SEAMLESS INTEGRATION**

Developed in cooperation with:



**GERMAN**  
**CANCER RESEARCH CENTER**  
**IN THE HELMHOLTZ ASSOCIATION**



mint Lesion™ supports radiologists and clinicians in evaluating a cancer therapy. An optimized workflow ensures efficient work, for example using a quick classification of lesion and their tracking over all examinations.

mint Lesion™ seamlessly integrates into existing system architectures, tried and tested by successful integration in the RIS/PACS environment of numerous manufacturers.

### System overview

- CE-cleared class IIb medical device
- Thin-Client solution based on Windows® Server
- No Installation and maintenance required on workstations, access over Citrix® Online Plugin or Java®

### Hardware: Server for three concurrent users

- Min. Quad-Core Prozessor (~ 3 GHz), 16 GB RAM
- Storage capacity for temporary buffering of image data of patients in oncological therapy
- Windows® Server 2008R2 operating system

### Image communication

- DICOM Query/Retrieve, studies are only temporarily saved, measurements/reports are archived persistently
- Fine-grain configurable Auto-Routing/Auto-Retrieval of DICOM studies

### Report communication

- Transfer reports into RIS and PACS
- Structurized reports in DICOM, HL7, PDF and Office formats
- Transfer text blocks, tables and charts with Drag-n-Drop

### Access and work flow

- Direct invovation from RIS and PACS with handover of patient and reader context
- Standardized diagnosis according to established guidelines, such as TNM Staging and RECIST
- Verification and approval of reports through user roles

*„The implemetation of mint Lesion™ was done in a minimum of time and without any problems. Easy installation steps, smart thinking regarding the interfaces and a competent team of Mint Medical led to a well integrated and excellently working user software.“*

#### Achim Schoofs

German Cancer Research Center  
Heidelberg

*„Effort for support and maintenance from the IT point of view of the hospital are minimal. Possible small problems will be solved by the users themselves together with the Mint Medical Support promptly.“*

#### Peter Jans

University Hospital Zürich

*„The integration of the mint Lesion™ application into our network was uncomplicated. Support was quick, polite and always successful in correcting errors.“*

#### Mike Voß

SLK Clinics Heilbronn

*„The connection to our PACS system proved to be very simple and without problems. Support from Mint Medical is always very friendly, competent and attentive.“*

#### Antonino Citrano

University Hospital Basel