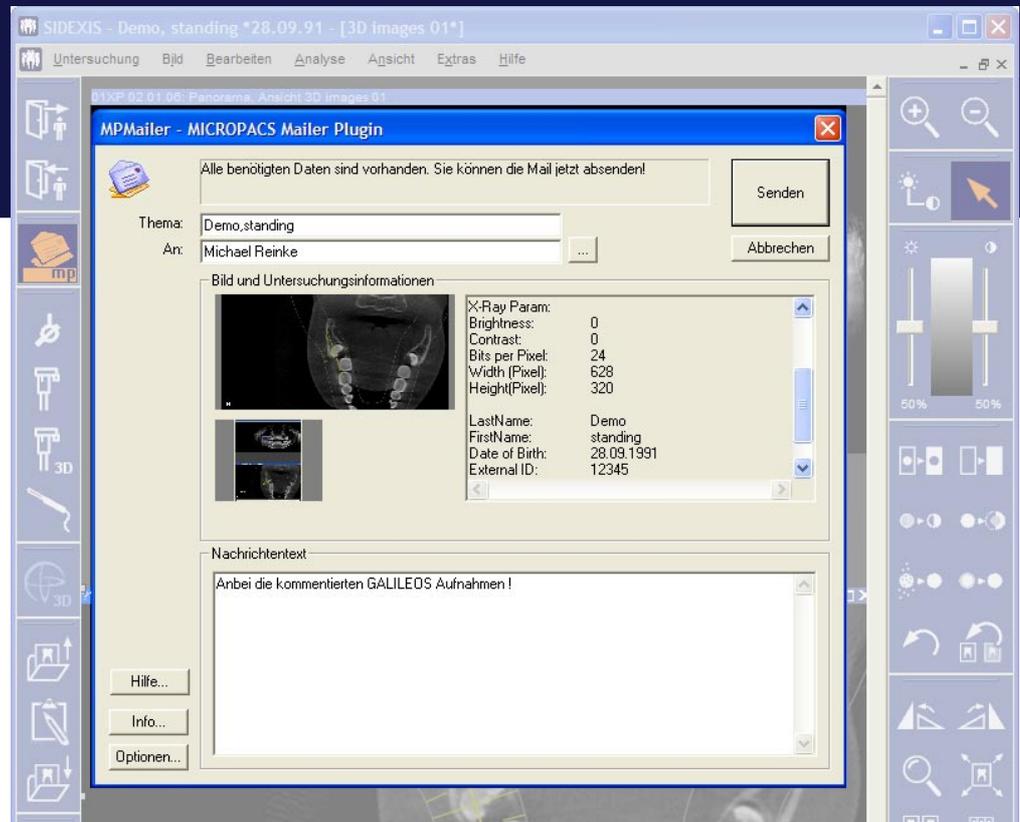# MICROPACS™
MPMailer

FirstClass Communication
for SIDEXIS XG

MPMailer is the first DirectDental compatible communication plugin for SIDEXIS XG.

Using this plugin initial selected images can be sent to a remote communication server without leaving the SIDEXIS NG user interface. The system guarantees the authenticity of the sender, the receiver and the transmitted data.

Besides internet transmission the same software offers image data transmission via ISDN/CAPI or even analog modem as well.
In cases of lost internet connections or high availability requirements MPMailer presents the right option for several communication scenarios.

All done just with a mouse click.

New in Version 1.4

+ support for new GALILEOS images
+ complete examination transfer
+ includes all annotations
+ address book
+ secure AES cryptography

MPMailer is made by:

REINKE
SOFTWARE
ENGINEERING
www.rswe.com

You're looking for an innovative and secure communication solution to network one or more practices? .

MPMailer and the MICROPACS product family permits intra and inter location data exchange with a central communication server. This server (a FirstClass intranet server) is totally owned by You. So You and Your colleagues have the total control about Your data and deside what kind of information is exchanged in Your system.

As central image communication service provider You can offer an easy to use and highly secure client integration.

Central services like X-ray control services, quality image services or groupspecific field studies can be integrated seamlessly into the SIDEXIS XG user interface. Having already a FirstClass infrastructure running, MPMailer is the logical extension to integrate SIDEXIS XG users.

As dental product professional You're looking for support and tools in the field of SIDEXIS XG or FirstClass integration.

RSWE offers a broad range of consulting services and mature tools to get Your products running in these environments very fast and reliable.

Using this longterm knowledge and our custom integration tools we have developed MPMailer, too.

MPMailer functions

DirectDental compatible

MPMailer follows the DirectDental standard 100%. So it fits perfect into existing SIDEXIS XG installations.

Customizable data transfer

Besides the image data itself MPMailer optionally transmits image description metadata like:
- image type and regio
- short description
- used software and hardware
- X-ray parameters
- realized image manipulation steps
- diagnosis

The User always has total control about the amount of transfered data and can switch off single send properties using the options dialog.

Security

All data transmission, via internet, ISDN or modem, is secured using a cryptographic protocol.

This FCP (FirstClass Communication Protocol) safeguards all relevant communication properties. That's the reason why You can find FirstClass server based solutions in many medical and police applications!

FirstClass groupware technology

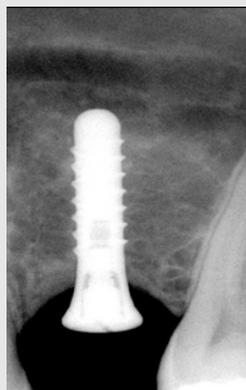Every MPMailer plugin communicates with a remote FirstClass server (an OpenText product).

This mature groupwaretechnology not only offers email and file transfer capabilities, it has a complete scheduling application inside and a full palette of intra and internet functions. A free 5 user system is available for free and let You start Your own system immediately!

JPEG and JPEG2000

Using MPMailer You have the option to transmit selected images as JPEG or

Image retrieval support

Optionally MPMailer can embed all extracted image descriptions as IPTC meta information inside the JPEG or JPEG2000 file. An additional copy into the mail body text is possible, too. This helps serverside fulltext retrieval engines (like the build in FirstClass search engine or high-end solutions like FC MEMEX) to find single images very fast out of huge image databases.
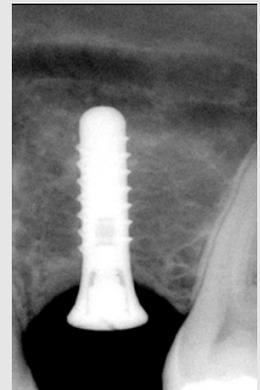
Original TIF
270 kBytes

38 sec transmission time

JPEG
4 kBytes
Compression 67:1
1 sec transmission time

JPEG2000
4 kBytes
Compression 67:1
1sec transmission time

even JPEG2000 files. JPEG2000 as follow up to the JPEG algorithm allows much higher compression rates and a very compelling resulting image quality. JPEG2000 permits the transmission of several panoramic or ceph images over standard ISDN or internet lines at very reasonable transmission times.

More information

Please visit our website to get more detailed information material and references concerning the MPMailer product and RSWE's consulting services.

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