



FORUM from ZEISS
System integration service



We make it visible.

ZEISS FORUM

System integration service

FORUM® from ZEISS enables you to manage your patient and diagnostic data centrally, and to make your assessments based on the overall clinical data. To achieve this goal, ZEISS FORUM first collects your patient's exam results by linking the diagnostic systems and then making the data available to you.

In order to fully harness the benefits of the data management system, the Electronic Medical Records (EMR) program, Hospital Information System (HIS) or Picture Archiving and Communication System (PACS) must be integrated. This way, gaps or breakdowns in communication are avoided and the workflow is optimized. ZEISS offers all measures that are necessary to enable smooth communication between these systems through the ZEISS system integration package.

Aims of system integration

- Connecting diagnostic systems and patient management systems
- Avoiding gaps or breakdowns in the communication between the systems involved
- Optimizing your workflow and minimizing throughput times

Process

Prior to the system integration, it is necessary to determine which systems should be taken into consideration for connection to ZEISS FORUM. This may involve diagnostic systems such as field analyzers or OCTs which are linked for smooth communication between the individual systems via either DICOM or a proprietary interface of the respective manufacturer. If they are available, HIS or PACS may also be connected. The HL7, DICOM, XML interfaces, or other interfaces are available to achieve this. During a joint definition phase, ZEISS will work with you to determine the interplay of your systems in accordance with your needs and your workflows. In the process,

it is important to take both your existing processes and your IT landscape into consideration. ZEISS experts will explain in detail how your processes can be optimally designed and will advise you on possible extensions and licenses. The conclusion of this phase generates a blueprint in which the desired outcome is described in detail.

The next step involves connecting the individual systems to ZEISS FORUM. For EMR, HIS and PACS systems, ZEISS generally contacts the manufacturer directly in order to coordinate the specific requirements. If necessary, after consulting you, we will carry out the necessary adjustments so that the desired steps can be carried out. These preparations include the following measures:

- ZEISS arranges a test session with the systems affected in order to inspect the existing message types and formats
- Adjustments are carried out on both sides (ZEISS FORUM and EMR/HIS/PACS) until the optimal workflow is reached
- An end-to-end test is carried out to determine if the workflow is working correctly and in accordance with your wishes
- All steps and settings are documented carefully in order to ensure traceability
- You approve the final solution

ZEISS undertakes the project management of this entire process.



Your benefits

- **Savings potential:** you do not have to provide resources or technical expertise for clarification with system manufacturers
- **Planning security:** we will inform you in advance of the completion time and the costs involved so that you can plan accordingly
- **Process optimization:** your workflow will be optimized within the scope of the integration (shorter throughput times, reduced waiting times, better availability of patient data, increased automation of processes)
- **Risk minimization:** data integrity of patient data is ensured through the optimal connection to the EMR program
- **Efficiency:** the existing functionalities from the connected systems are used as far as possible
- **Investment protection:** existing systems are integrated into the workflow and can therefore continue to be used
- **Transparency:** you will receive extensive documentation on the interfaces used and on settings
- **Support:** subsequent support provided by ZEISS can be ensured without any problems

- **Security:** ZEISS uses a tried and tested method – proven in over 100 integration projects to date
- **Quality:** After the system integration, the detailed diagnostic data and high resolution images will be available at the push of a button

Our expertise

Our IT experts have comprehensive knowledge and many years of experience in the area of system integration.

We will accompany you and your project right from the start with a high level of commitment. In the process, we will cater to your requests, monitor their fulfillment, and guide you to a successful project completion.

Our offer

Following a detailed briefing discussion, we will generate a fixed price offer for your personal system integration, based on your requirements and requests and the existing infrastructure.

If you have any questions, feel free to get in touch with your local ZEISS contact.



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