AIDA® Advanced Reporter
Customized and structured medical diagnostics
AIDA® Advanced Reporter – The medical documentation and interface solution from KARL STORZ provides support in many areas:

Fast documentation that includes the codification of procedures and automatically receives statistical evaluations and data analyses.

- **Standardization**
  Use of ready-made forms for complete documentation.

- **Optimization**
  Alternative for HL7 and DICOM interfaces; the use of software in nearly all disciplines.

- **Flexibility**
  Software can be adapted to individual needs; integration into existing IT infrastructures possible; allows the integration of many medical devices into functional diagnostics and surgery.

- **Scalability**
  Workstations can be expanded at any time thanks to server-client-based software solutions. Other medical equipment can also be included.

- **Availability**
  Access to relevant information at all times and from all workstations.

- **Security**
  Customizable rights model with optional LDAP integration.
A typical example of technical communication in a hospital:

The use of the AIDA® ADVANCED REPORTER provides an intelligent organization of your communication channels:
The 3 most important functionalities at a glance:

**Reports generated with a push of a button**
- Images and findings in one document
- Individual form templates
- Wide range of documentation tools
- Billing and coding
- Link to information systems (e.g. HIS via HL7)
- Device interfaces (e.g., DICOM, XML, ...)

**Media tools**
- Storage, playback and editing of image and video data
- DICOM viewer
- Comparison view of up to 4 media objects from one or more procedures
- PACS connection

**Data evaluation and analysis**
- Periodic assessments for process optimization
- Statistical analyses for quality control
- Cleaning and disinfection protocols (for flexible endoscopes)
Approximately 500 projects worldwide with 340 different interface solutions for systems of 140 manufacturers.

Specifications

Client/Server Architecture
- Data is safely stored in a central location on a server.
- The system enables regular backup routines to be performed.
- Users can access the data from their local clients via an extensive rights and role model (LDAP interface).
- Client updates can be rolled out automatically.

Example for the system layout

<table>
<thead>
<tr>
<th>Server</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Windows Server 2012R2</td>
</tr>
<tr>
<td>CPU</td>
<td>2 GHz (64-bit processor) with 8 cores</td>
</tr>
<tr>
<td>Memory</td>
<td>16 GB</td>
</tr>
<tr>
<td>System partition</td>
<td>100 GB</td>
</tr>
<tr>
<td>Data partition</td>
<td>Depending on the amount and configuration of the connected imaging modalities</td>
</tr>
<tr>
<td>Network bandwidth</td>
<td>10 Gbit/s</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Client</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Windows 7, Windows 8.x, Windows 10</td>
</tr>
<tr>
<td>CPU</td>
<td>2 GHz (64-bit processor)</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB</td>
</tr>
<tr>
<td>System partition</td>
<td>100 GB</td>
</tr>
<tr>
<td>Network bandwidth</td>
<td>1 Gbit/s</td>
</tr>
</tbody>
</table>

We will gladly assist you with the design of a system according to your preferences.