



Requirements

To improve a media organization's mid- and long-term planning, Interplay® now offers a set of monitoring and reporting functionality. The monitoring functionality enables administrators to monitor what is going on in the system, such as the number of users logged into the system, number of running ingest processes, status of ingest, import or export workflows and orders. The reporting tool creates graphical reports and allows the export of reports to Microsoft Excel. Administrators can run reports to monitor the performance of Interplay across the entire workflow, including number of objects entered into the system, number of transcoding processes or imports made, and which video material has been re-used by whom, and how often. This information can be used for long-term usage analysis, resource planning, billing process and identification of improvement potential.

Interplay provides several solutions to fulfill nearly any monitoring or reporting requirement:

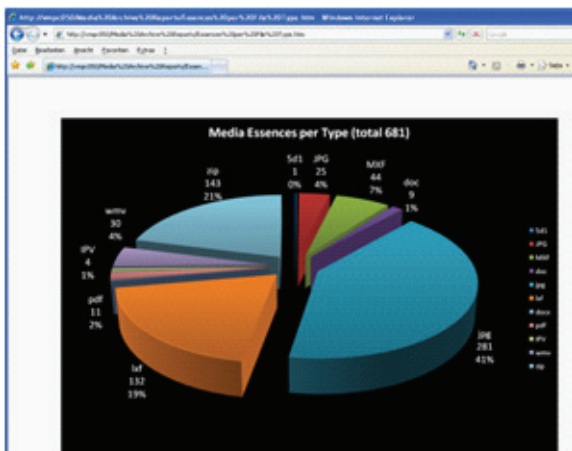
Monitoring Tools

The Interplay system provides a number of convenient, web based monitoring tools, including:

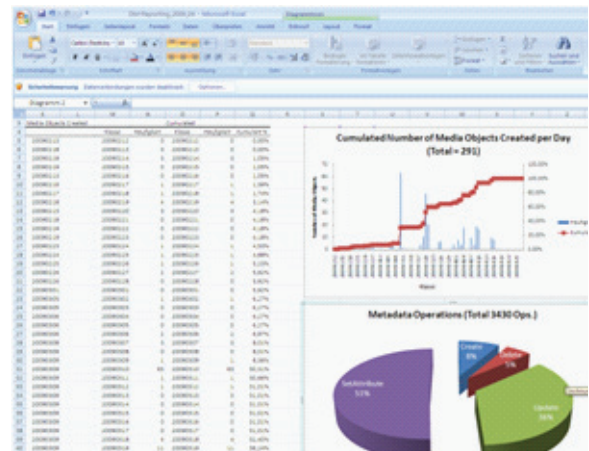
- Service Manager: shows the status of all web services, enables start and stop services as well as access to all log files
- Workflow Monitor: shows the status of all system workflows, including workflows that have run in the past
- Order Monitor: shows all orders that are currently processed and have been processed in the past
- Transfer Monitor: shows all processes that transfer essences between servers and storage systems
- Video Analysis Monitor: shows all video analysis processes running in the system
- User Manager: used for user administration and provides information about all active system sessions

Log and Protocol Files

For error analysis each Interplay web Service writes and manages an individual rolling log file. All log files are written in English and have the same easy-to-read structure. All log files are centrally accessible to administrators on any desktop or hand-held device with access to Service Manager, our web-based system monitoring and administration application. The log level is configurable separately for each web service. Interplay can automatically clean-up log file directories based on business rules. Selected services also write protocol files.



Viewing Interplay MAM Reports with Web Browser



Report Generation and In-depth Analysis with Microsoft Excel

Reporting and Report Visualization

For detailed analysis, all important changes to essences as well as metadata are reported separately in reporting database tables. These database tables contain the date, time stamp, name of user, action performed (create, modify, update or delete) and identifier of the respective object. Reporting of previous versions of a media object is also supported.

For detailed analysis or graphical representations, the customer can use standard off-the-shelf products such as Microsoft Excel® or Crystal Reports® to read the data of these tables, as well as process and display them as web pages. Since all important information is kept in the database, reporting tools can also use these tables to generate reports from all other parts of the Interplay system.

Monitoring and Reporting

Interplay Media Asset Manager

Building Integrated Solutions

Through its service-oriented architecture, Interplay can be integrated easily with third party systems. This is also true for monitoring and reporting. Since most of the third party system can be controlled via Interplay Order and Workflow Management, these systems can also be monitored by the order and workflow monitor. If third party systems such as transcoding engines report a progress percentage, Interplay can display this in the monitor tool or Media Asset Manager Desktop.

Supported Platforms

These monitoring and reporting capabilities require Microsoft Windows 2003 Server Service Pack 1 for the Interplay server components. To store and share excel reports Microsoft .NET 3.0 and SharePoint Services 3.0 are required on at least one server.

The web based monitoring tools can be used with Microsoft's Internet Explorer Version 6.5 or 7 running under Microsoft Windows XP Service packs 2 or 3 or Windows Vista. Reports can be viewed with Internet Explorer 7 under Windows or Safari 3.x under Mac OSX. Report analysis and generation requires Microsoft Excel 2007.

For more information visit www.avid.com/interplay

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