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D.A.V.I.D. Offers an Easy and Secure Solution for Transferring Multimedia Content via the Internet: DigaMailbox IP System—Data Transfer via Internet/IP

The DigaMailbox IP system enables secure transmission of multimedia content via Internet/IP to simplify communication between broadcast centers and external offices, regional studios, or individual correspondents. At the same time, the system addresses our customers' specific security concerns by preventing unauthorized data access or malicious attacks during the transfer process. The system also supports existing firewalls. DigaMailbox IP provides all necessary transfer modules for users wishing to expand their network in order to exchange audio-, video-, and other types of files.

DigaMailbox IP is used to transfer multimedia content plus metadata to a recipient system (broadcast center) via Internet (IP network). Standard protocols such as HTTP and FTP (if required) are used for communication. DigaMailbox IP was developed for users—typically correspondents, production houses etc. — needing an easy-to-use solution for sending audio, image and video files plus associated descriptive information to their broadcaster. Media data is transferred from a client (DigaTrans IP) via temporary storage unit (DigaMailbox Depot) to its actual destination, the broadcasting house (DigaMailbox Import).

A Web service is used for communication with the DigaMailbox Depot, data is transferred via HTTP—or FTP, if applicable.

Basically any type of media files, including all associated metadata, can be easily transferred using drag&drop from the Database Manager or Windows Explorer into the depot. In addition, users can edit or add metadata in the corresponding dialog box.
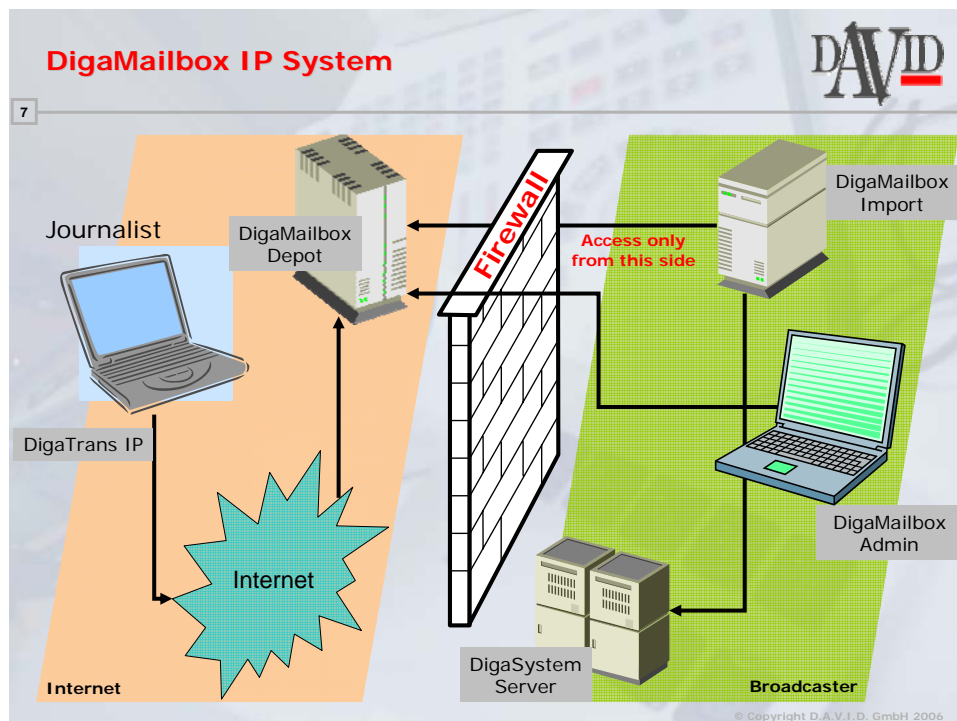
DIGITAL   AUDIO   VIDEO   INTEGRATION   DEVELOPMENT

Then the DigaMailbox Import application installed at the broadcasting house retrieves the media from the DigaMailbox Depot. The transferred files are downloaded immediately upon receipt and imported into DigaSystem at the recipient site.

DigaMailbox Depot ensures a high level of security. Only the Depot is visible on the Internet, while the computers at the broadcast center remain inaccessible. An HTTP or Proxy server, possibly in combination with FTP (to increase transfer speed) is then used as the port. All required is access from within the broadcast center to the Depot, similar to a workstation with Web and FTP access.

DigaMailbox IP System convinces with its easy-to-use client. After first installation of the client no additional system maintenance is necessary. With the alternative browser-based client the system also supports clients without windows.

DigaMailbox IP System – Modules and Functionality

The DigaMailbox IP system comprises the following modules:

On the client side (journalist's computer): DigaTrans IP

On a Web server: DigaMailbox Depot

Running service at the broadcasting house: DigaMailbox Import/Sync

Administrator installation: DigaMailbox Admin

The initial version of DigaMailbox IP allows the transfer of any type of content. Currently, only audio data can be converted on the client side. DigaTrans IP AV (in development) will enable the conversion of video material in addition to audio data on the client side.

Recipients can convert video formats using DigaMailbox IP in combination with the Video Conversion option.

Users can also combine DigaMailbox IP with the Target-Replication option to select other destinations to forward data to, even while media files are in transit.

To enable media transfer outside of a DigaSystem target environment, DigaMailbox IP system can save received material in target directories via DigaMailbox Import. Files may also be downloaded directly from the DigaMailbox Depot using a Web interface.

Interested to learn more about what the DigaMailbox IP system could do for your production environment? We'll gladly provide direct consulting support.

Further information available on request,
or via email office@david-gmbh.de

D.A.V.I.D. GmbH
Ridlerstr. 31b
80339 Munich
Germany
Tel: 089 – 540 139 0
Fax: 089 – 540 139 50