Overview of MIME types

The TightGate-Schleuse offers the possibility to regulate the file exchange between TightGate-Pro and the workstation PCs. The file transfer is used for this purpose. However, to prevent unregulated file exchange, you can specify which types of files (MIME types) may be transferred at TightGate-Pro. The following overview shows which setting options are available for file transfer and which MIME types can be used.

Hint

The MIME type consists of the specification of a media type and a subtype, separated by a slash. E.g. text/html or image/jpeg.

Selection methods

The selection methods are not MIME types themselves, they are merely used to make a quick preselection.

Selection	Description
ALL	All MIME types are selected. The preallocation for the special types is not changed **unpack** and **no-macros**.
NONE	All MIME types are deselected. The default setting for the special types is not changed **unpack** and **no-macros**.
COPY	Copies the selection of MIME types from file download for the file upload.

Special types

Selection	Description
unpack	If **unpack** is selected, archives are checked individually. The archive file is only sent to the user if all MIME types in the archive are permitted. As soon as a MIME type in the archive is not permitted for the user, the transfer is cancelled. The transfer log then shows which MIME type is not permitted. This principle works cumulatively. This means that all MIME types from all transfer groups in which the user ID is a member are permitted and not just the MIME types from the transfer group in which unpack is permitted. **Caution:** If unpack is selected, no archives should be selected as MIME types, as otherwise the content check will fail and the archives will be transferred directly without being checked.
no-macros	Is **no-macros** is selected, all permitted Office documents are checked for the presence of macros. If a macro is detected, the transfer is prevented by the lock. The check is only carried out for Office documents of type Office 2007 (docx, xlsx and pptx) and for all OpenDocument formats. **Caution:** The old Windows Office formats (doc, xls and ppt) are not checked

Media types and MIME types

The MIME type consists of the specification of a media type and a subtype, separated by a slash. E.g. text/html or image/jpeg. Entire media types or individual subtypes can be selected.

Media type	Description
application	Files that are linked to a specific application programme
audio	Audio files
image	Images, graphics, photos
message	Messages
text	Files with ASCII text
video	Video files

The media type determines the type of data structure, i.e. whether the data is stored in binary or ASCII format. The subtype refers to the file formats that are linked to a specific programme or must be executed with special programmes or plug-ins. Subtypes that begin with an "x-" are files that are executed on a server.

MIME type	Description
inode/x-empty	Empty_file
application	All_applications
application/cbor	application/cbor
application/CDFV2	CDFV2
application/CDFV2-encrypted	CDFV2-encrypted
application/CDFV2-quickbooks	CDFV2-quickbooks
application/csv	CSV file
application/dicom	application/dicom
application/epub+zip	Zipped_EPUB
application/gzip	GZIP-packed
application/inf	application/inf
application/jar	Jar archive
application/java-archive	application/java-archive
application/javascript	Javascript
application/json	JSON file
application/mac-binhex40	application/mac-binhex40
application/marc	MARC21
application/msword	MS Word file
application/octet-stream	Unknown_binary file
application/ogg	OGG data
application/pdf	PDF file
application/pgp	PGP data
application/pgp-encrypted	PGP-encrypted_data
application/pgp-keys	PGP-Keys
application/pgp-signature	PGP-Signature
application/pkcs12	PKCS-12 file
application/postscript	Postscript file
application/sereal	application/sereal
application/vnd.android.package-archive	application/vnd.android.package-archive
application/vnd.cups-raster	Cups raster file
application/vnd.debian.binary-package	application/vnd.debian.binary-package
application/vnd.fdf	FDF document
application/vnd.font-fontforge-sfd	Spline-Font-Database
application/vnd.google-earth.kml+xml	OpenGIS KML document
application/vnd.google-earth.kmz	Compressed-Google-KML-Document
application/vnd.hp-HPGL	application/vnd.hp-HPGL
application/vnd.iccprofile	ICC-Profile
application/vnd.lotus-wordpro	Lotus-WordPro
application/vnd.microsoft.portable-executable	microsoft.portable-executable

MIME type	Description
application/vnd.ms-cab-compressed	CAB-Archive
application/vnd.ms-excel	Excel-File
application/vnd.ms-fontobject	MS-Embedded-OpenType
application/vnd.ms-msi	MS installation archive
application/vnd.ms-office	MS Office file
application/vnd.ms-opentype	OpenType font
application/vnd.ms-outlook	Outlook file
application/vnd.ms-powerpoint	Powerpoint file
application/vnd.ms-tnef	TNEF archives
application/vnd.ms-visio.drawing.main+xml	Visio drawing
application/vnd.oasis.opendocument.	All_OpenDocument
application/vnd.oasis.opendocument.chart	OpenDocument_Chart
application/vnd.oasis.opendocument.chart-template	OpenDocument_Chart-Template
application/vnd.oasis.opendocument.database	OpenDocument_Database
application/vnd.oasis.opendocument.formula	OpenDocument_Formula
application/vnd.oasis.opendocument.formula-template	OpenDocument_Formula-Template
application/vnd.oasis.opendocument.graphics	OpenDocument_Graphics
application/vnd.oasis.opendocument.graphics-template	OpenDocument_Graphics-Template
application/vnd.oasis.opendocument.image	OpenDocument_Image
application/vnd.oasis.opendocument.image-template	OpenDocument_Image-Template
application/vnd.oasis.opendocument.presentation	OpenDocument_Presentation
application/vnd.oasis.opendocument.presentation-template	OpenDocument_Presentation-Template
application/vnd.oasis.opendocument.spreadsheet	OpenDocument_Table
application/vnd.oasis.opendocument.spreadsheet-template	OpenDocument_Table-Template
application/vnd.oasis.opendocument.text	OpenDocument_Text
application/vnd.oasis.opendocument.text-master	OpenDocument_Text-Master
application/vnd.oasis.opendocument.text-template	OpenDocument_Text-Template
application/vnd.oasis.opendocument.text-web	OpenDocument_Text-Web
application/vnd.openxmlformats-officedocument.presentationml.presentation	Microsoft_PowerPoint_2007+
application/vnd.openxmlformats-officedocument.spreadsheetml.sheet	Microsoft_Excel_2007+
application/vnd.openxmlformats-officedocument.wordprocessingml.document	Microsoft_Word_2007+
application/vnd.rar	RAR archives
application/vnd.rn-realmedia	RealMedia data stream
application/vnd.sqlite3	SQLite file
application/vnd.symbian.install	application/vnd.symbian.install
application/vnd.tcpdump.pcap	tcpdump capture file
application/warc	WARC archive
application/winhelp	application/winhelp
application/xml-sitemap	XML sitemap
application/xml	XML file
application/x-123	Lotus-1-2-3
application/x-7z-compressed	7z-compressed_file
application/x-abook-addressbook	application/x-abook-addressbook
application/x-adrift	application/x-adrift
application/x-apple-diskimage	Apple_Diskimage
application/x-appleworks	application/x-appleworks
application/x-appleworks3	application/x-appleworks3
application/x-arc	ARC-Archive
application/x-archive	application/x-archive
application/x-arj	ARJ-Archive
application/x-bat	DOS-Batch-File
application/x-bittorrent	Bittorrent file
application/x-blorb	application/x-blorb
application/x-bzip2	BZip2-compressed_file

MIME type	Description
application/x-c32-comboot-syslinux-exec	application/x-c32-comboot-syslinux-exec
application/x-chiasmus-encrypted	application/x-chiasmus-encrypted
application/x-chiasmus-key	application/x-chiasmus-key
application/x-chrome-extension	application/x-chrome-extension
application/x-coff	application/x-coff
application/x-coffexec	application/x-coffexec
application/x-compress	Compress-compressed_file
application/x-coredump	Linux-Elf-Coredump
application/x-cpio	CPIO-Archive
application/x-dbase	DBase file
application/x-dbf	DBF file
application/x-dbm	application/x-dbm
application/x-db-svl-panasonic	application/x-db-svl-panasonic
application/x-dbt	application/x-dbt
application/x-dmp	application/x-dmp
application/x-dosdriver	DOS driver
application/x-dosexec	DOS programme
application/x-dvi	DVI file
application/x-dxf	DXF vector graphic
application/x-eet	application/x-eet
application/x-elc	Emacs-Lisp
application/x-epoc-agenda	Epoc-Agenda
application/x-epoc-app	Epoc-OPL-Programme
application/x-epoc-data	Epoc-Data
application/x-epoc-jotter	Epoc jotter file
application/x-epoc-opl	Epoc-OPL programme
application/x-epoc-opo	Epoc-OPL programme
application/x-epoc-sheet	Epoc sheet file
application/x-epoc-word	Epoc-Word file
application/x-executable	Linux-Elf programme
application/x-font-sfn	X11-SNF-Font
application/x-foobar-exec	application/x-foobar-exec
application/x-freemind	Freemind document
application/x-freeplane	Freeplane document
application/x-gdbm	application/x-gdbm
application/x-gettext-translation	application/x-gettext-translation
application/x-glulx	application/x-glulx
application/x-gnucash	GnuCash file
application/x-gnumeric	Gnumeric-Spreadsheet
application/x-gnupg-keyring	GnuPG-Keyring
application/x-gtar	GNU-Tar
application/x-gzip	GZip-compressed_file
application/x-hdf	Hierarchical Data Format
application/x-hwp	Hangul_(Korean)_Word_Processor_File_2000
application/x-ia-arc	Internet Archive File
application/x-ichitaro4	Ichitaro-Document-v4
application/x-ichitaro5	Ichitaro-Document-v5
application/x-ichitaro6	Ichitaro-Document-v6
application/x-ima	floppy-image
application/x-ios-app	application/x-ios-app
application/x-iso9660-image	ISO9660-CD-Image
application/x-java-applet	application/x-java-applet
application/x-java-jce-keystore	application/x-java-jce-keystore
application/x-java-keystore	Java-KeyStore

MIME type	Description
application/x-java-pack200	Java-Pack-200
application/x-kdelnk	KDE-Link
application/x-lha	LHA-Archive
application/x-lharc	LHArc-Archive
application/x-lrzip	LRZIP-compressed_file
application/x-lz4	application/x-lz4
application/x-lzh-compressed	application/x-lzh-compressed
application/x-lzip	application/x-lzip
application/x-lzma	LZMA-compressed_file
application/x-macbinary	MAC-Binary
application/x-mach-binary	application/x-mach-binary
application/x-mdx	MDX file
application/x-mif	FrameMaker file
application/x-msaccess	MS-Access file
application/x-msdos-program	MSDOS programme
application/x-msdownload	MD download data
application/x-msi	MS installation archive
application/x-ms-ese	application/x-ms-ese
application/x-ms-pdb	application/x-ms-pdb
application/x-ms-reader	Microsoft-Reader-eBook-Data
application/x-ms-sdb	application/x-ms-sdb
application/x-ms-shortcut	application/x-ms-shortcut
application/x-nekovm-bytecode	application/x-nekovm-bytecode
application/x-ntbackup	application/x-ntbackup
application/x-object	Linux elf object file
application/x-ole-storage	OLE-Storage
application/x-panasonic-sqlite3	application/x-panasonic-sqlite3
application/x-panorama-database	application/x-panorama-database
application/x-pem-file	PEM-File
application/x-pgp-keyring	PGP-Keyring
application/x-pie-executable	PIE-Executable
application/x-pnf	Windows_Precompiled_iNF
application/x-putty-private-key	application/x-putty-private-key
application/x-qpress	Qpress_Compressed_Data
application/x-quark-xpress-3	Quark-Xpress-File
application/x-quicktime-player	Quicktime-Player
application/x-rar	RAR-Archive
application/x-rpm	RPM package
application/x-rpt	Crystal-Reports
application/x-sc	SC-Spreadsheet
application/x-scribus	Scribus document
application/x-setupscript	Microsoft-Windows-Autorun-Script
application/x-sh	Shell script
application/x-sharedlib	Linux elf library file
application/x-shockwave-flash	Shockwave-Flash
application/x-snappy-framed	application/x-snappy-framed
application/x-sqlite3	SQlite file
application/x-stuffit	StuffIt archive
application/x-svr4-package	pkg-datastream_(SVR4)
application/x-t3vm-image	application/x-t3vm-image
application/x-tads	application/x-tads
application/x-tar	TAR archive
application/x-terminfo	application/x-terminfo
application/x-tex-tfm	TeX font

MIME type	Description
application/x-tokyocabinet-btree	Tokyocabinet-Btree
application/x-tokyocabinet-fixed	Tokyocabinet-Fixed
application/x-tokyocabinet-hash	Tokyocabinet-Hash
application/x-tokyocabinet-table	Tokyocabinet-Table
application/x-udf-image	UDF-Image
application/x-wine-extension-inf	application/x-wine-extension-inf
application/x-wine-extension-ini	Windows-INI
application/x-winhelp	application/x-winhelp
application/x-winhelp-fts	application/x-winhelp-fts
application/x-xar	application/x-xar
application/x-xpa-compressed	application/x-xpa-compressed
application/x-xz	XZ-compressed_file
application/x-zmachine	application/x-zmachine
application/x-zoo	ZOO-Archive
application/zip	ZIP archive
application/zlib	application/zlib
application/zstd	ZSTD-compressed_file
audio	All_Audio
audio/basic	Basic/mu-law/PCM audio
audio/flac	Flac file
audio/it	audio/it
audio/midi	Midi audio file
audio/mod	audio/mod
audio/mp4	MP4 audio file
audio/mpeg	MPEG-ADTS file
audio/ogg	OGG audio file
audio/s3m	audio/s3m
audio/vnd.dolby.dd-raw	ATSC_A/52
audio/xm	audio/xm
audio/x-adpcm	ISDN_mu-law_compressed_audio
audio/x-aiff	AIFF-Audio
audio/x-ape	Monkey's_Audio_compressed_format
audio/x-dec-basic	Basic-/mu-law-/PCM-Audio
audio/x-hx-aac-adif	MPEG-ADIF
audio/x-hx-aac-adts	MPEG-ADTS
audio/x-m4a	Apple_iTunes_AAC-LC
audio/x-mod	audio/x-mod
audio/x-mp4a-latm	MPEG-4_LOAS
audio/x-musepack	Musepack-Audio
audio/x-pn-realaudio	RealAudio
audio/x-s3m	audio/x-s3m
audio/x-unknown	Unknown-Audio-File
audio/x-vpm-wav-garmin	audio/x-vpm-wav-garmin
audio/x-w64	Wave-64-Audio
audio/x-wav	WAV audio file
audio/x-zipped-it	audio/x-zipped-it
audio/x-zipped-mod	audio/x-zipped-mod
binary	binary-file
chemical	All_Chemicals
chemical/x-pdb	Protein_Data_Bank_data
font/otf	font/otf
font/sfnt	font/sfnt
font/ttf	font/sfnt
font/x-amiga-font	font/x-amiga-font

MIME type	Description
font/x-dos-cpi	font/x-dos-cpi
font/x-drdos-cpi	font/x-drdos-cpi
image	All_images
image/avif	AVIF image
image/bmp	BMP image
image/bpg	image/bpg
image/g3fax	image/g3fax
image/gif	GIF image
image/heic	HEIC image
image/heif	HEIF image
image/jp2	JP2 image
image/jpeg	JPEG image
image/jpm	JPM image
image/jpx	JPK image
image/pcx	PCX image
image/png	PNG image
image/svg	SVG image
image/svg+xml	SVG+XML graphic
image/tiff	TIFF image
image/vnd.adobe.photoshop	Photoshop graphic
image/vnd.djvu	Dejavu graphic
image/vnd.dwg	DWG_AutoDesk_AutoCAD
image/vnd.dxf	DXF graphic
image/vnd.radiance	image/vnd.radiance
image/webp	image/webp
image/x-award-bioslogo	Award-BIOS-Logo
image/x-award-bmp	Award Bitmap
image/x-canon-cr2	Canon-CR2-raw-image
image/x-canon-crw	Canon-CIFF-raw-image
image/x-coreldraw	CorelDraw file
image/x-cpi	CPI-graphic
image/x-cur	image/x-cur
image/x-dpx	DPX graphic
image/x-epoc-mbm	Epoc-MBM graphic
image/x-epoc-sketch	Epoc sketch graphic
image/x-eps	Encapsulated-Postscript
image/x-exr	EXR-Graphic
image/x-garmin-srf	image/x-garmin-srf
image/x-gem	image/x-gem
image/x-icns	image/x-icns
image/x-icon	MS-Windows-Icon
image/x-lss16	SYSLINUX-LSS16-Image
image/x-ms-bmp	MS-Bitmap-Graphic
image/x-niff	image/x-niff
image/x-olympus-orf	Olympus-ORF-raw-image
image/x-paintnet	Paint.NET graphics
image/x-pcx	PCX file
image/x-pfs	image/x-pfs
image/x-pgf	image/x-pgf
image/x-polar-monitor-bitmap	image/x-polar-monitor-bitmap
image/x-portable-bitmap	image/x-portable-bitmap
image/x-portable-greymap	image/x-portable-greymap
image/x-portable-pixmap	image/x-portable-pixmap
image/x-quicktime	Quicktime graphic

MIME type	Description
image/x-tga	image/x-tga
image/x-unknown	unknown_graphic
image/x-x3f	Foveon-X3F-raw-image
image/x-xcf	GIMP-XCF-graphic
image/x-xcursor	Xcursor data
image/x-xpmi	XPM image
image/x-xwindowdump	XWD-X-Window-Dump-image
message	All_messages
message/news	News message
message/rfc822	rfc822-message
model	All_models
model/vrml	VRML file
model/x3d	X3D file
rinex	All_RINEX files
rinex/broadcast	RINEX data:_GEO_SBAS_Broadcast
rinex/clock	RINEX-Data:_Clock
rinex/meteorological	RINEX-Data:_Meteorological
rinex/navigation	RINEX-Data:_Navigation
rinex/observation	RINEX-Data:_Observation
text	All_texts
text/csv	CSV file
text/calendar	vCalendar file
text/html	HTML data
text/inf	Windows setup information
text/PGP	GPG-encrypted data
text/plain	Plain_text
text/rtf	RTF text
text/texmacs	TeXmacs document
text/troff	Troff document
text/vcard	text/vcard
text/vnd.graphviz	Graphviz graphics text
text/xml	XML file
text/x-asm	Assembler source code
text/x-awk	AWK script
text/x-bcpl	BCPL source code
text/x-c	C source code
text/x-c++	C++ source code
text/x-diff	Diff output
text/x-fortran	Fortran source code
text/x-gawk	GNU AWK script
text/x-info	text/x-info
text/x-java	Java source code
text/x-lisp	Lisp/Scheme source code
text/x-lua	Lua script
text/x-m4	M4 macro
text/x-makefile	Makefile script
text/x-msdos-batch	DOS batch file
text/x-nawk	New-AWK script
text/x-pascal	Pascal source code
text/x-perl	Perl script
text/x-php	PHP script
text/x-po	GNU gettext message catalogue
text/x-python	Python script
text/x-ruby	Ruby script

MIME type	Description
text/x-script.python	Python script
text/x-shellscript	Shell script
text/x-tcl	Tcl/Tk script
text/x-tex	TeX source text
text/x-texinfo	text/x-texinfo
text/x-vcard	VCard
text/x-xmcd	XMCD file
video	All_Videos
video/3gpp	MPEG4-3GPP
video/3gpp2	MPEG4-3GPP2
video/h264	H264-Video
video/mj2	JPEG-MJ2-Video
video/mp2p	MP2P-Video
video/mp2t	MP2T-Video
video/mp4	MPEG4-Video
video/mp4v-es	video/mp4v-es
video/mpeg4-generic	MPEG4-generic
video/mpeg	MPEG-Video
video/mpv	MPV-Video
video/ogg	OGG-Video
video/quicktime	Quicktime-Video
video/sgi	SGI-Video
video/unknown	unknown_video
video/vnd.dvb.file	DVB_over_MPEG-2
video/vnd.rn-realvideo	Real-Video
video/webm	WebM-Video
video/x-flc	video/x-flc
video/x-fli	video/x-fli
video/x-flv	video/x-flv
video/x-jng	video/x-jng
video/x-m4v	Apple_Video
video/x-matroska	Matroska-Video
video/x-mng	MNG-Video
video/x-ms-asf	Microsoft-ASF-Video
video/x-msvideo	video/x-msvideo
video/x-sgi-movie	video/x-sgi-movie
video/x-unknown	Unknown_video_format
x-epoc/x-sisx-app	Symbian installation file

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