



## CAD-data exchange

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The CAD-data exchange with external partner companies is always carried out online using ISDN-data tele-transmission (DFUE) on the basis of the standard developed by the Verband der Automobilindustrie e.V. (VDA). The following "VDA-recommendations" are supported by MTU:

VDA4914/2	Odette File Transfer Protocol (OFTP)
VDA4951	Engineering Data Message (ENGDAT)

OFTP specifies a transfer protocol based on a direct computer-to-computer connection, whereas ENGDAT determines the automatic transfer process with use of an electronic delivery note.

A description of the listed VDA-recommendations is available under <http://www.vda.de>, Service chapter.

Our ODETTE contact people are available (see next page) for carrying out the tele-transmission connection (DFUE).

MTU presently support the following data formats to exchange CAD data:

Pro/Engineer Version Wildfire 2, operating system: Windows XP (32+64)

AutoCAD (DWG), Version 2004, operating system: Windows XP

CATIA (EXPORT, ISO8859-1 Code-Page) Version 4.2.4.2, operating system: UNIX (AIX)

STEP-AP214

IGES Version: 3 | 4 | 5.1

AutoCAD (DXF) Version: 12 | 2000 | 2004

**CAD data are subject to the classification, "Confidentiality in Business" ("Geheimschutz in der Wirtschaft").  
The use of email or other INTERNET-based communication means is not allowed for transmission of this data.**



## ODETTE-Communication Parameters

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**Company address** MTU Friedrichshafen  
Maybachplatz 1  
D-88040 Friedrichshafen

**ODETTE-Contact person** Harald Heidak  
Telephone: +49 - (0)7541-903660  
Fax: +49 - (0)7541-90903660  
email: harald.heidak@mtu-online.com

**ODETTE-parameters**

DFUE-abbreviation	DEFNSV0182
SSID, SFID:	O0013001548MTUID000CAD
Password:	Upon request
ISDN-contact No.:	+49 - (0)7541-38430
Transmission Code:	ASCII
Record format:	Not formatted (U)

### MTU-transmission addresses

Without ENGDAT: via the sending filenames: Christian name.Family name@mtu  
For test: Harald.Heidak@mtu  
With ENGDAT: the email address of the receiver must be given in the RDE segment (TAG 3896)  
For test: harald.heidak@mtu-online.com

### DFUE-System

MTU uses "DAX2000" from Hüingsberg AG. Further information on this product is under <http://www.daxware.de>