Operation parameter

The DCS-PlugIn in the Quad-Client opens the "tks-communicator.exe" via an operation parameter setting.
The control of events is realised via UDP-telegrams.
Customers which use a „free visu", can use this mechanism and control the DCS-communicator via the HomeServer.

Parameter request: tks-communictor.exe /U=peter /P=password /I=192.168.10.12 /H=192.168.10.5 /L=DE /D=2 /R=55555 /S=55554 /T=1

Parameter	Signification	Example
/U	Username	/U=peter
/P	Password	/P=password
/I	IP adress of the DCS-IP-Gateway	/I=192.168.10.12
/H	IP adress of the client	/H=192.168.10.5
/L	Language code according to ISO 639-1	/L=DE e.g. EN for Englisch , DA for Danish
/D	Designcode	/D=2 Design 0 = Stand-alone (640×480 with windows frame) Design 1 = 4:3 design 1024×786 Design 2 = Control9 800×480 (landscape) Design 3 = Control9 480×800 (portrait) Design 4 = Control19 1366×786 (landscape)
/R	Receive port of the DCS-communicator for the UPD-control telegrams of the HomeServer	/R=55555
/S	Transmit port of the DCS-communicator for the UPD-control telegrams to the HomeServer (Broadcast)	/S=55554
/T	Hide taskbar at visibility of the DCS-Communicator	/T=1 0 = Taskbar keeps unmodified 1 = Taskbar is faded out at SHOW, is shown again at HIDE

UDP-telegrams destinated to the Client PC
HomeServer → DCS-communicator PC

Command	Direction	Signification
„SHOW"	HS → DCS-C	DCS-C pops up into foreground
„HIDE"	HS → DCS-C	DCS-C disappears into background
„SIZE |www|hhh"	HS → DCS-C	Size of the DCS-C is adjusted Design 1 = 507, 274 Design 2 = 800, 360 Design 3 = 480,318 Design 4 = 680, 276
„MOVE |xxx|yyy"	HS → DCS-C	Position of the DCS-C is set
„MuteOn"	HS → TKS-C	TKS-C Mute activated
„MuteOff"	HS → TKS-C	TKS-C Mute deactivated

UDP-telegrams from DCS-communicator PC → all (Broadcast)

	Each command gets a feedback with the IP address, which is given to the DCS-C at starting via the parameter /H.	
„ACK 192.168.10.5"	DCS-C → HS (Broadcast)	DCS-C transmits this at each UDP-request
„INVITE 192.168.10.5"	DCS-C → HS (Broadcast)	Incoming call
„BYE 192.168.10.5"	DCS-C → HS (Broadcast)	At determination of a call
„TKS-C_reg 192.168.10.5"	DCS-C → HS (Broadcast)	DCS-C has registrated successfully at the DCS-IP-gateway
„ERROR_LOGIN 192.168.10.5"	DCS-C → HS (Broadcast)	DCS-C can't register with the registration data User and/or password wrong
„ERROR_LICENCE 192.168.10.5"	DCS-C → HS (Broadcast)	DCS-C can't register because of license model overflow
„ERROR_TIMEOUT 192.168.10.5"	DCS-C → HS (Broadcast)	DCS-C can't reach the DCS-IP-gateway