

Values (Communication Stations)

Values of communication stations

An object of [Station](#) type can acquire the following values in the D2000 system:

Object value	Description
StON	The station is communicating.
StOFF	The station is not communicating. The communication is disabled by the operator (via control dialogues of the D2000 HI process) or in the station configuration in the D2000 CNF process .
StCOMERR	The occurrence of a "soft" error of communication. This error occurs after an unsuccessful data transmission.
StHARDERR	The occurrence of a "hard" error of communication. This error occurs, if the communication with the station is in the StCOMERR state for a period defined by a Time filter parameter. If the station value is StHARDERR, then all the I/O Tags of the station will pass to undefined state (unless a /KKVOE start parameter is specified).
StSIMUL	Communication with the station is simulated.
StWAIT	The station is in AUTO mode. The communication is stopped. The control object value is TRUE. The requests for output are postponed and they will be executed when the control object value changes to FALSE.

Labels of station values, which are mentioned in the first table column, can be redefined by means of [configuration of system texts](#).

Meaning of individual flags (user attributes) of the values of **Communication station** type objects.

Flag	Meaning
FLA	Backward reading of communication station values (GETOLDVAL action)
FLB	Communication with a station goes via an alternate communication path (MICROTEL 700 protocol only).
FLC	This flag signalizes the non-functional communication on the primary path when using these line categories: • Serial Line Redundant • SerialOverUDP Device Redundant • SerialOverUDP Line Redundant • SerialOverUDP System&Line Redundant (non-functional primary path of A system) • TCP Redundant
FLD	This flag signalizes the non-functional communication on the secondary path when using these line categories: • Serial Line Redundant • SerialOverUDP Device Redundant • SerialOverUDP Line Redundant • SerialOverUDP System&Line Redundant (non-functional secondary path of A system) • TCP Redundant
FLE	This flag signalizes the non-functional communication on the primary path of B system when using the line category SerialOverUDP System&Line Redundant .
FLF	This flag signalizes the non-functional communication on the secondary path of B system when using the line category SerialOverUDP System&Line Redundant .
FLN, FLO, FLP	If the communication with a station goes via an alternate communication path (MICROTEL 700 protocol only), a combination of these flags indicates the number of the alternate communication path: • alternate path 1 - FLN • alternate path 2 - FLO • alternate path 3 - FLN, FLO • alternate path 4 - FLP • alternate path 5 - FLN, FLP • alternate path 6 - FLO, FLP • alternate path 7 - FLN, FLO, FLP • further paths - none of these flags (only FLB)



Related pages:

[Communication stations](#)

[Communication stations - configuration dialog box](#)