ReadFromLine

Declaration	`unsigned int (_stdcall * ReadFromLine)(HOBJ StID, void * Data, unsigned int MaxData);`

Parameters

StID	Station ID.
Data	Pointer to a buffer, where the received data is to be stored.
MaxData	Size of the buffer *Data*.

Description

The function returns data that were received on Serial, MOXA IP Serial Library, SerialOverUDP Device Redundant or TCP-IP/TCP, line.

Return value

Number of received bytes.

Note: The following applies to TCP-IP/TCP line:

- calling the ReadFromLine function triggers an attempt to establish a connection unless the connection has already been established
- in case of an error (broken or closed TCP connection) the function ReadFromLine returns a value 2^{32}-1, i.e. 4 294 967 295
- subsequent calling of the ReadFromLine or WriteToLine functions will cause an attempt to re-established the connection
- if the connection is established, the requested operation is executed (ReadFromLine- reading data, WriteToLine - writing data)
- if multiple IP addresses (separated by a comma or semicolon) are configured in the line configuration, the KOM process cyclically uses them to establish a connection to these IP addresses

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ⓘ **Related pages:**

D2000 KomAPI - call-back functions