

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 <i>Data</i> .

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 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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