

WriteToLine

Declaration

```
unsigned int (_stdcall * WriteToLine)(H0BJ StID, void * Data, unsigned int Len);
```

Parameters

StID	Communication station ID.
Data	Pointer to a buffer of the data to send.
Len	Number of bytes to send.

Description

The function writes data with specified length into [Serial](#), [MOXA IP Serial Library](#), [SerialOverUDP Device Redundant](#) or [TCP-IP/TCP](#), in case of first two lines with parameters defined according to specified mode of a particular station.

Return value

True / False according to the function success.

Note: The following applies to [TCP-IP/TCP](#) line:

- calling WriteToLine with a zero value of parameter *Len* just causes the TCP connection to be closed (this can be used, for example, in systems with instances of KOM processes or in redundant systems to close a TCP connection if the KOM process is passive or is connected to the SBS kernel)
- calling the WriteToLine function with a non-zero value of parameter *Len* triggers an attempt to establish a connection unless the connection has already been established
- the WriteToLine function returns False if a write error has occurred (e.g., TCP connection was broken)
- subsequent calling of the WriteToLine or [ReadFromLine](#) functions will cause an attempt to re-established the connection
- if the connection is established, the requested operation is executed (WriteToLine - writing data, [ReadFromLine](#)- reading 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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