

TRemoteClient Communication Driver

This document has the specific information related to this driver configuration. For a generic explanation on Device Module, Channels, Nodes and Points configuration, please refer to the reference guide.

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Section 1 – Summary Information

Communication Driver Name: TRemoteClient

Implementation DLL: T.ProtocolDriver. TRemoteClient.dll

Protocol: Proprietary

Interface: TCPIP / WCF

PC Hardware requirements: Ethernet board

ProtocolOptions

TagHistorian: Defines if the historical data will be recovered from remote server.

TagProperties: Defines the other tag properties beyond Value, Quality and Timestamp.

Section2 – Nodes Configuration

Station Configuration

Stations syntax: < Host > ; < Port > ; [UserName]; [UserPassword]; [WindowsAuthentication]

Where :

< Host > = IP Address of Server system

< Port > = TCP/IP port of Server system

[UserName] = user name with ClientStart permission in Server system. Optional parameter. Default value is the startup user.

[UserPassword] = password for the user. Optional parameter. Default value is the startup user.

[TRemoteClient: Created "WindowsAuthentication" option

E.g.: 192.168.1.1; 3101

Section 3 – Points Configuration

Address

The syntax for the TRemoteClient communication points are:

- <ServerTagName>

<ServerTagName>: Tag Name in Server system.

E.g.: Tag.TagName

Section 4 – Troubleshoot

The status of the driver execution can be observed through the diagnostic tools, which are:

- Trace window
- Property Watch
- Module Information

Status value of 0 (zero) means communication success. Negative values indicate internal driver error and positive values means protocol error codes.

Revision History

Revision	Description	Date
A	Initial Revision	May 2013
B	Created Windows Authentication option	Dec 2014
C	Updated info about ProtocolOptions	May 2019