

## WITS Level 0 Passive Communication Driver

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

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## Section 1 – Summary Information

**Communication Driver Name:** WITS0 Passive

**Implementation DLL:** T.ProtocolDriver, WITS0Passive.dll

**Protocol:** WITS Level 0 Passive

**Interface:** TCP/IP, UDP or RS232

**Description:** WITS0 Passive communication driver implements communication with server running WITS Level 0 communication. This driver runs only in listening information from the server.

**PLC types supported:** WITS servers outputting Level 0 data streams

**Multi-threading:** user defined

**Max number of nodes:** user defined

**PC Hardware requirements:** Standard PC Ethernet interface board

**Supported Operands:** Any tag defined on target system

## Section 2 – Channel Configuration

### Settings

- **AcceptUnsolited Messages:** Must be checked to enable this driver
- **Listening Port:** Listening port the TCP or UDP messages

## Section 3 – Node Configuration

The address is necessary, as this driver works in listening mode only. When connecting to multiple devices, multiple channels shall be defined.

## Section 4 – Point Configuration – Address field

The syntax for the communication point is:

RecordID:ItemID

Where, RecordID and ItemID ranges from 01 to 99, according WITS Level 0 record definition.

## Section 5 – Troubleshoot

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

- Trace window
- Property Watch
- Module Information

The above tools indicate if the operations have succeeded or have failed where the status 0 (zero) means success. Negative values are internal error codes and positive values are protocol error codes.

## Revision History

Revision	Description	Date
A	Initial Revision	October, 2014