

Bailey 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: Bailey

Implementation DLL: T.ProtocolDriver.Bailey

Protocol: Proprietary

Interface: Serial

Description: Bailey driver implements communication with INFI 90 Distributed Control Systems via Serial communication. It operates as a Master on serial networks. In this driver is enabled only the pooling commands.

Supported Types:

Type	Read	Write	Description
AIL	✓	✓	Analog
DD	✓	✓	Device Driver
DI	✓	✓	Digital
MSDD	✓	✓	Multistate Device Driver
RCM	✓	✓	Remote Control Memory
RMCB	✓	✓	Remote Motor Control
RMSC	✓	✓	Remote Manual Set Constant
STN	✓	✓	Control Station
TEXT	✓	✓	Text Selector
BLK	✓	✓	Block Any Function Code

Section 2 – Channel Configuration

Settings

Set the fields according to device serial port configuration.

Section 3 – Node Configuration

Station Configuration

The syntax for the Bailey Station field is:

<Ring>.<Node>.<Module>

e.g: 1.35.2

Where:

<Ring> indicates the Ring where the block is.

<Node> indicates the Node where the block is.

<Module> indicates the Module where the block is.

Section 4 – Point Address Configuration

The syntax for the Bailey communication point is:

<Block>:<Type>:<Value>

Where :

<Block> indicates the Block that wants to communicate.

<Type> indicates the Function Code type, the valid values are:

Type	Description
AIL	Analog
DD	Device Driver
DI	Digital
MSDD	Multistate Device Driver
RCM	Remote Control Memory
RMCB	Remote Motor Control
RMSC	Remote Manual Set Constant
STN	Control Station
TEXT	Text Selector
BLK	Block Any Function Code

<Value> this indicates each item to be read or writing.

e.g.:

- 1363:DD:Outuput
- 1632:STN:Spec4

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 codes are protocol error codes.

Revision History

Revision	Description	Date
A	Initial Revision	November, 2016