

## DRIVER TYPES

	COMM	RES	CFE	ACE
<b>DOS</b>		4.23-3		
<b>WIN</b>		4.23-4a		
<b>NT</b>		6.01		
<b>Win 2000</b>				
<b>XP</b>				

## SUPPORTED HARDWARE

Brodersen System 2000 Bitbus modules.

## PROTOCOL

Direct Link	
Multi-drop	
Communication Network	X

Intel Bitbus compatible network.

Support for 255 Nodes (Brodersen modules) per network.

The NT version 6.00 driver supports up to 4096 networks.

## SUPPORTED MESSAGES/DATA AREAS

Bit read           DI, DO and ST modules  
 Bit write         DO and ST modules  
 Word read        DI, DO, AI, AO, ZI, ZO, YI, YO and ST modules  
 Word write       DO, AO, ZO, YO and ST modules  
 Long word read   DI, DO, ZI, ZO, YI, YO and ST modules  
 Long word write   DO, ZO, YO and ST modules  
 Status read      All modules.

## DATA TYPES

<b>UNSIGNED</b>	16 Bit Unsigned Integer
<b>LONG</b>	32 Bit Unsigned Integer
<b>DIGITAL</b>	16 Bit Digital Information Stored in 16 Bit Unsigned Integer

## REQUIRED VENDOR SOFTWARE

For DOS and Windows versions: UNICOMIO.EXE version 3.10 or later from Brodersen A/S.

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For Windows NT: Brodersen System 2000 I/O drivers for Windows NT.

## SIGNAL CONDITIONING

NONE	No Signal Conditioning
LIN	16 Bit Binary Scaled to EGU
12BN	12 Bit Binary No Range Check
12AL	12 Bit Binary Range Check
15BN	15 Bit Binary No Range Check
15AL	15 Bit Binary Range Check
3BCD	3 Digit Binary Coded Decimal
4BCD	4 Digit Binary Coded Decimal

## COMMUNICATIONS PERFORMANCE

### GENERAL LIMITATIONS

There is no signal conditioning available on LONG words.

### MANUAL

### DEMO

### COMMENTS

This driver has no poll task and driver image table (DIT). The UNICOMIO.EXE program serves as polling task and DIT. The driver does not need to be configured, because the UNICOMIO.EXE program scans the entire Bitbus network on startup and automatically configures itself. If UNICOMIO.EXE is not loaded properly during startup, the FIX driver will issue an alarm to all typers and stop communicating.

Previously the Brodersen System 2000 were named Unicom Control System, thus the driver acronym UCS.

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