PROFIBUS

1. Bus Analyzer FMS/DP

Bus Analyzer FMS/DP

PROFIBUS

12Mbit/s

PROFIBUS

Bus Analyzer FMS/DP

. Bus - Data

Analyzer FMS/DP

, Bus Analyzer FMS/DP

, , UART

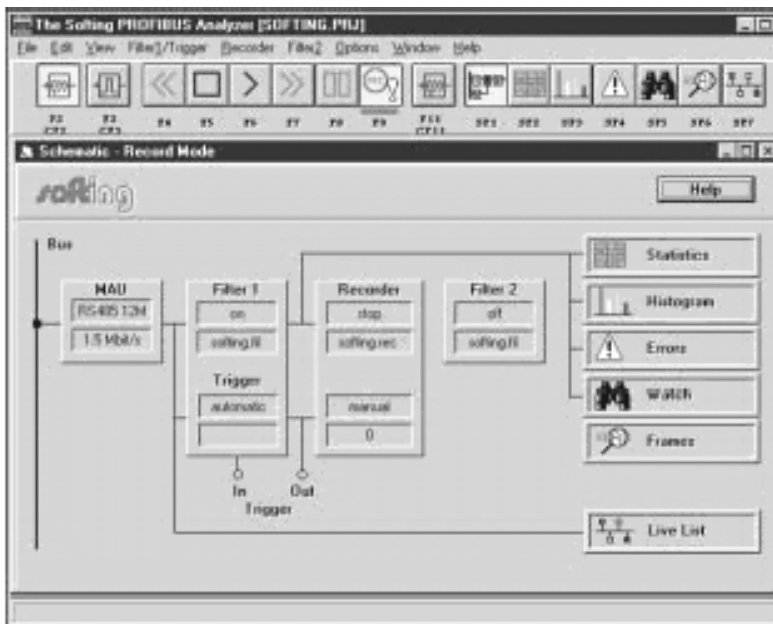Softing Bus Analyzer FMS/DP

- PROFIBUS Trigger

- (.

)

16

Trigger

,

TTL

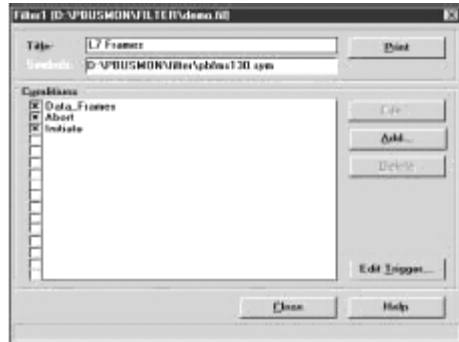**PROFIBUS Analyzer FMS/DP Schematic Window**

1. PROFIBUS Analyzer FMS/DP Schematic Window

Data
Analyzer

.

Bus Analyzer FMS/DP

.

-

.

Data

, Data **HISTOGRA-
M, STATISTICS, ERRORS, WATCH**

LIVE LIST .

Data

,

.

-

Bus Analyzer FMS/DP

. Bus Analyzer FMS/DP

Layer
(FMS, LLI, FDL, DP, HEX)

,

.

FILTER

,

16

. ,

, CONDITION

.

TRIGGER

Trigger

. Trigger

16 State Machine

. State Machine

.
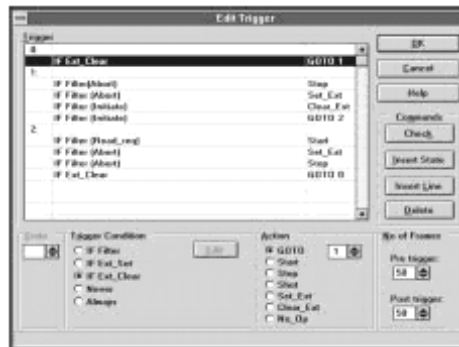
Trigger CONDITION

.

CONDITION

Trigger 　　　　　　　　　　.
16
,

　　　　　　　　　　. 　　　Data 　　　Data

Trigering 　　　　　.

Data
Bus Analyzer FMS/DP 　　　　　Data
　　　　　　　　　　　　.

-HISTOGRAM

-STATISTICS

-ERRORS
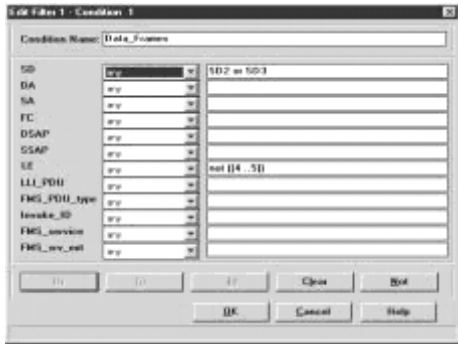
-WATCH
　　　　　PROFIBUS FMS

WATCH 　　　　　Data MS-
Windows DDE

　　　.

Bus Analyzer FMS/DP

　　　.

16 　　harf 　　ISA
, MAU

. MAU
PROFIBUS - SUB9
PROFIBUS RS-485 　　　　　,
CN2
TTL 　　　.

FDL(Fieldbus Data LInk Layer), LLI(Lower
Layer Interface), FMS(Fieldbus Message
Specification), DP(Decentralized
Periphery) Hexa
Data

, ASCII
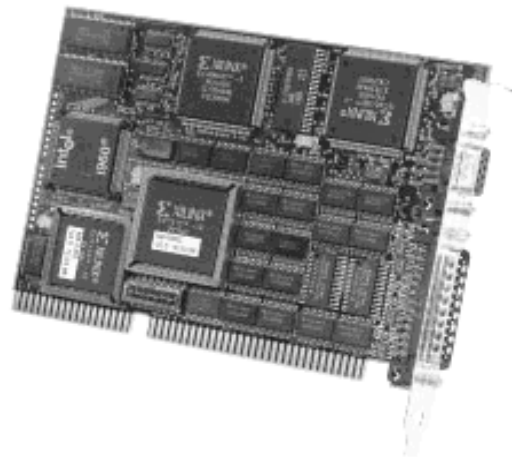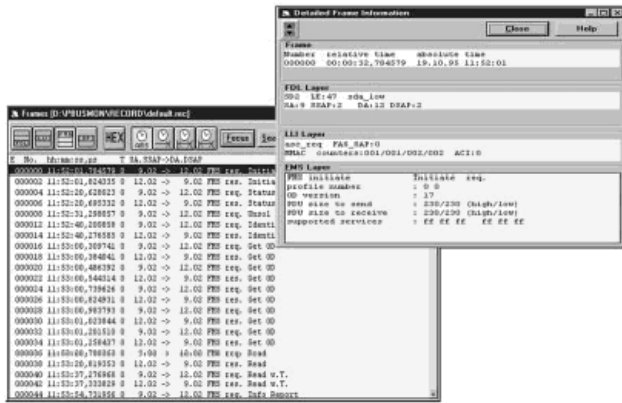
- IBM PC/AT
- CPU 80486
- 66MHz
- RAM 8MB
- SVGA
-
- MS-Windows 3.1
- MS-DOS 6x

- PROFI-MON-HW-12:
    PC/AT
- PROFI-MON-WIN:

    (   )

UNIT	PC , AT
CPU	
	INTEL i9605
PC	3, 5, 10, 11, 12, 13
	RS-485
	D-SUB 9
	EN 50 170 part2
	I/O
	.
	5V (±5%), 1.0 (2A max)
	0˜ 55
	-20 - 70
Baudrate	9.6, 19.2, 93.75, 187.5, 500 Kbit/s 1.5, 3, 6, 12 Mbit/s
PROFIBUS	FMS , DP CLASS 1 CLASS 2, FDL ,

2. PROFIboard

PROFIBUS Interface for PC/AT's

PROFIBUS

        . EN 50 170 part2
    PROFIBUS ,

PROFIBUS   2
        PROFIBUS-FMS(Fieldbus Message
Specification)   PROFIBUS-DP(Decentralized
Periphery)   . PROFIBUS-FMS
                        , PROFIBUS-DP
                        .

PROFIboard   PC   Based

PROFIBUS   .

                    Softing   PROFIboard
                                 .

- FMS
- DP   class1   class2
-                         (FDL)

PROFIboard   EN 50 170 part2
               1   , 2   , 7
PROFIBUS   .
ASIC(ASPC2TM, SPC3TM)
               ,   12Mbaud
                         .
PROFIboard
RS-485   , D-SUB 9
                  PROFIBUS
          SAB-C165
                              .

              64K
RAM   PROFIBUS   ,
              PC   16K
                         .

      Windows NT   , MS-DOS,
Windows 16   DDL
         .

            Softing   PROFIBUS
SCADA(Supervisory and Data Acquisition)
  , MMI(Man-Machine Interface)   ,
         ,

                    DDE

	ISA PC , AT	
CPU		Siemens SAB-C165
	512Kbyte , 512Kbyte SRAM, 16Kbyte RAM	
PC	5, 10, 11, 12, 15	
PROFIBUS ASIC	Siemens ASPC2 & SPC3	
		RS-485
	D-SUB 9	
	EN 50 170 part2	
	I/O . .	
	+5V (±5%). 700mA	
	0~55	
	-20 ~ 70	
Baudrate	9.6Kbit/s ~ 12M bit/s	
PROFIBUS	FMS & , DP Class1 & 2, FDL ,	

-IBM PC/AT

PROFIboard

．   PCMCIA

                                                            PROFIBUS   PCMCIA

1 : PROFI-DMK-NT   PROFIBUS

- POFIBUS

　(PAPI)   PAPI   ( )   ．

-   Softing   PROFIcard

- Windows NT   ．

2 : PROFI-DMK-3   - FMS

- Windows(16   )   MS-DOS PROFIBUS   - DP   Class1   Class2

　 DDL   PROFIBUS   -   (FDL)

　　　　　(PAPI)

-   PROFIcard   EN 50 170 part2

- PAPI   ( )   　 FMS   DP   PROFIBUS

                                                                         ．   D-

3 : Windows(16   )   Windows NT   SUB 9   ．

DDE   SAB-C165

- FMS

- DP   Class1   PROFIBUS

- S5-95U, S7-300   ,   ASIC ASPC2   2   (:

)   12Mbit/s

                                                                         ．

3. PROFIcard   PROFIcard

                                                                         RS-485

PROFIBUS interface for PCMCIA   D-SUB 9   ．

                                                                  16K

                                                     RAM(DPRAM)

                                                ．

                                                       PROFIBUS   FMS/DP   Protocol
Software   DP Configurator
                                                ．