



Serial Printer Logger

1		1
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2	2
2		4
1	4
2	5
3	5
4	6
3		6
1	6
2	6
4		7
1	7
2	8
3	10
4	11
5	11
5		12
1	12
	(COM)	12
2	16
	TCP/IP	16
3	24
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	26
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4	-	28
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5 41

6 43

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Windows 2000 47

..... 47

Windows Vista 50

..... 51

6 RS-232 0

1 RS-232 0

2 DB9 (9 pin) RS-232 0

3 DB25 (25 pin) RS-232 0

4 RS-232 0

5 RS-232 0

7 ? 52

1 52

1

1.1 Serial Printer Logger

Serial Printer Logger

Adobe PDF MS Word.

ESC/P,

PDF RTF

. Serial Printer Logger
RS232, RS485 Ethernet.

Serial Printer Logger:

-
- ESC/P ESC/P,
- bitmap;
-
-
- Microsoft Word (RTF) Adobe PDF;
-
-
- Windows 2000+, x86 x64.

Serial Printer Logger

Windows 2000+,

Serial Printer Logger

!

Serial Printer Logger -
(PC),

-
-
-

: <https://www.aggsoft.ru/>

: <https://www.aggsoft.ru/serial-printer-logger.htm>

1.2

ASCII - ASCII -

Windows
ASCII. ASCII *.TXT (,
README.TXT).

Binary File - , ASCII (0 255).

Bytes () - , , .

Bit () - : 0 1. 8
8 () .

Baud Rate - , BPS (,) ,

600 , 2400 bps () ,

Cable () - ,

COM port - .

4 , IBM IBM-
COM1, COM2, COM3 COM4.

Client/Server (/) - , (, , . .)
() .

Data bits - () , .

DNS (Domain Name System) - DNS
(TCP/IP) . DNS

() IP
198.63.211.24.

Flow control -

" "

()

Handshaking -

Internet () - TCP/IP

IP, Internet Protocol () - Internet Protocol,
TCP/IP,

'xx.xx.xx.xx'.

IP (Internet Protocol) - TCP/IP.

IP , IP , IP

: 198.63.211.24.

LAN (Local Area Network) -

NIC, Network Interface Card () -

nuBus,) (, 10baseFL). (PCI, turbochannel,

PC () - Personal Computer ().

Ports () -

Protocol () -

RS232, RS423, RS422 RS485 - Electronics Industry Association (EIA)

RS232, RS423, RS422, RS485,

EIA

"RS"

(recommended standard).

"EIA".

Stop bits () -

1 2.

TCP/IP, Transport Control Protocol / Internet Protocol - TCP IP

TCP/IP
Internet.

(Log file) - (. log) —

2

2.1

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1. Serial Printer Logger -
2. Serial Printer Logger
sales@aggsoft.ru
3. Serial Printer Logger
Serial Printer Logger
4. **Serial Printer Logger** "AS IS".
- 5.
6. Serial Printer Logger
7. -

Serial Printer Logger
Serial Printer Logger.

2.2

shareware-

5

- 21 ;
- ;
- 100 ;

2.3

2.4

Serial Printer Logger	https://www.aggsoft.ru/support/
-----------------------	---

3

3.1

- Windows 2000 SP 4 - Windows 11 (x86 x64,).

' (, '), , COM- , () .

3.2

Serial Printer Logger.

Logger" , Serial Printer Logger "\Programs Files\Serial Printer
Serial Printer Logger

C:\. [8]

1-2-3-4

1.

" " [12] " COM "

2.

().
" " ()
).

3.

[4]

4.

Serial Printer Logger

Serial Printer Logger

4.2

- RS-232 ()
RS-485); "
- " (-),
- ;
- COM - ; ; ;

_____ [12]".

(NIC).

- Serial Printer Logger IP (NIC),
- Serial Printer Logger IP ;
- Serial Printer Logger DHCP, IP ;
- IP 0.0.0.0.

_____ TCP/IP [16]".

_____ [28] _____ [32]

(_____ [7]).

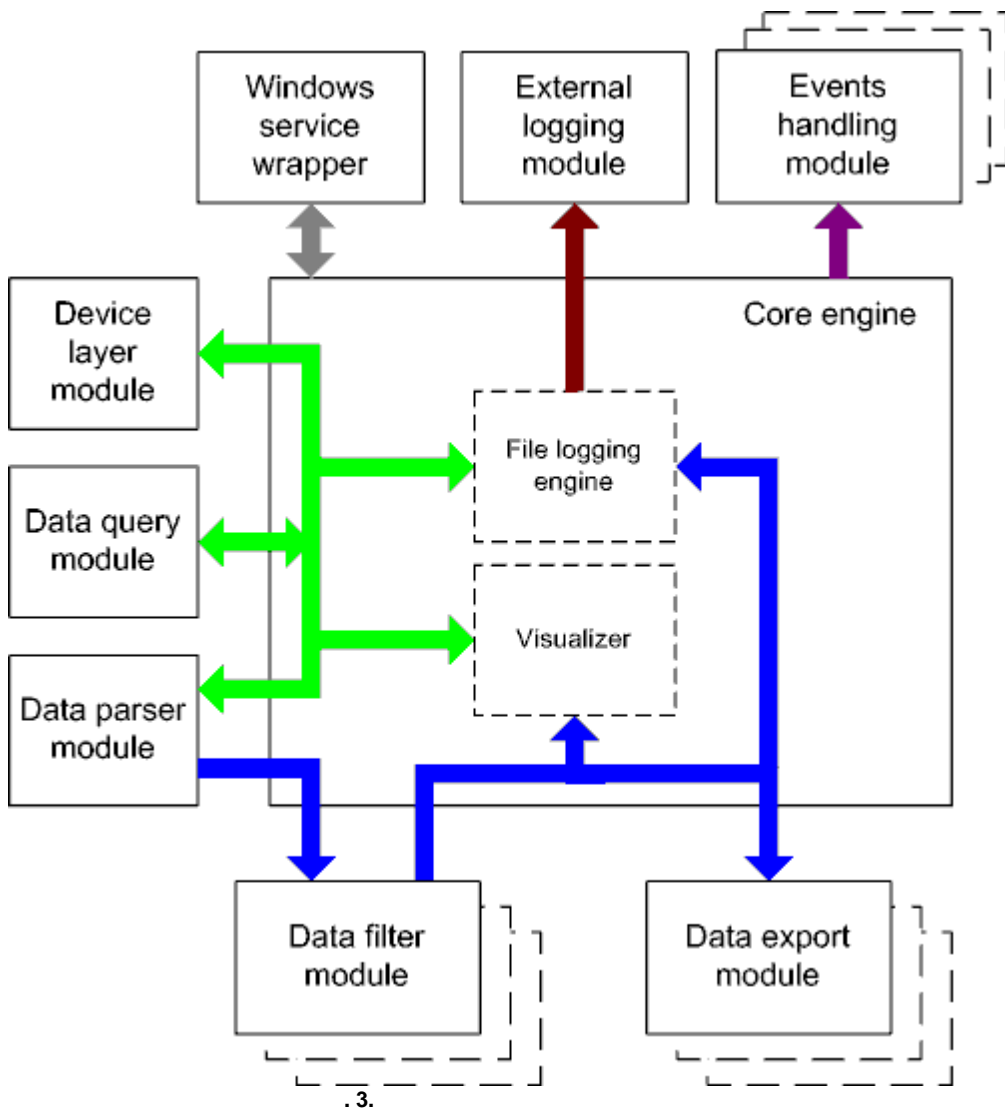
Serial Printer Logger "_____ [24]", _____ [43].

Printer Logger _____ [41] (plug-ins),

"_____ [41]".

_____ [46] (_____ [7]), _____

4.3



- - ()
- - ()

- Core engine -
- Device layer module -
- Data query module -
- Data parser module -
- Data filter module -
- Data export module -
- Visualizer -
- File logging engine -
- Windows service wrapper -
- External logging module -
- Events handling module -

4.4

Windows. / COM-

4.5

1.

2.

1.

2.

regedit.exe

Windows x64

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\AGG Software\Serial Printer Logger

Windows x32

HKEY_LOCAL_MACHINE\SOFTWARE\AGG Software\Serial Printer Logger

3.

Ctrl+S -

Ctrl+D -

Ctrl+P -

Ctrl+L -

log- ;

Ctrl+R -
Ctrl+E -
Ctrl+M -

Windows;

4.

5.

INI

6.

10

5

5.1

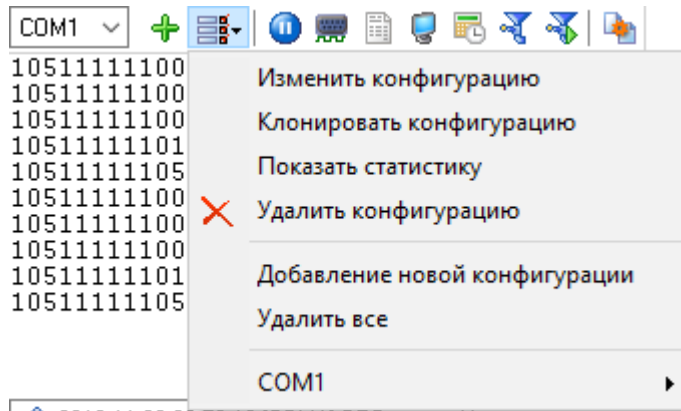
5.1.1

(COM)

(. 4)

(. 4).
COM

" (. 4).



.4.

COM-

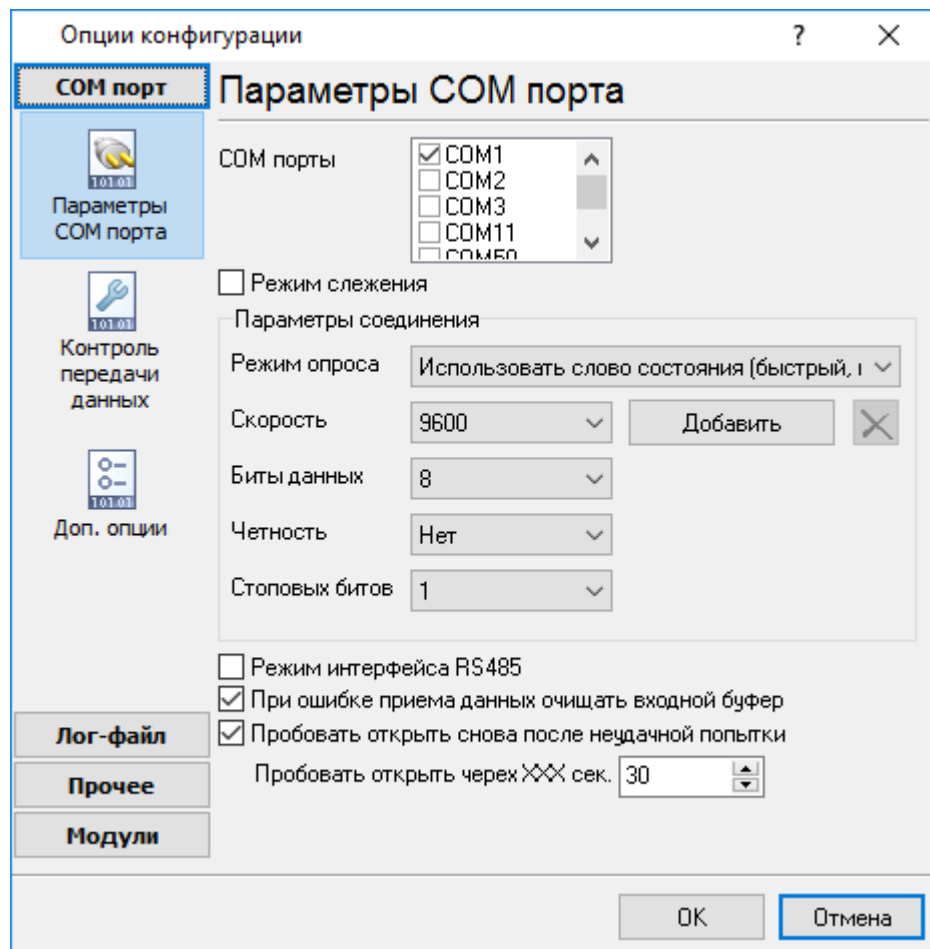
COM-

COM-

(. .)

"

" (. 4).



.5. COM-

RS 485 -

RTS.

RS232-RS485.

"

" "

" (.6)

RS232.

"

"

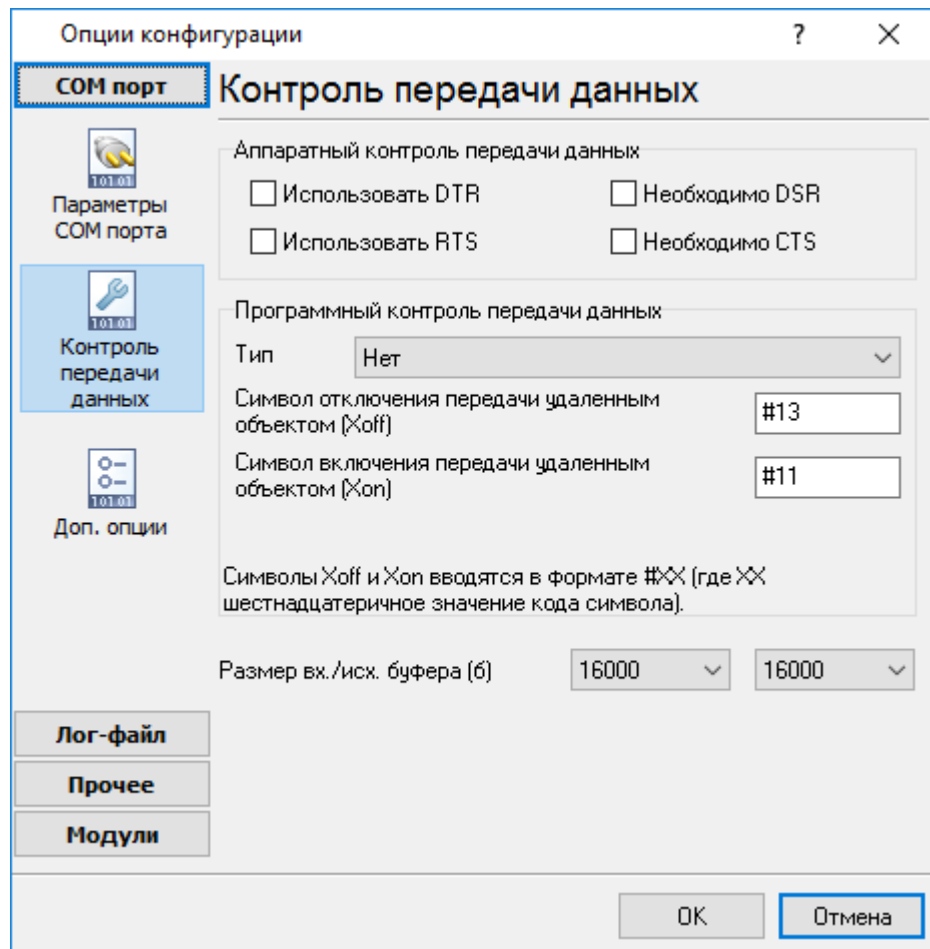
"

RTS"

"

DTR",

" CTS" " DSR",
.
,
,
RS232.
RTS CTS
DTR DSR
,
.
" " " " "
" "
Xon - , .
Xoff - , .
Xon Xoff
10% 90%
,
.



.6

/ . COM

Serial Printer Logger

Serial Printer Logger

UART (UART receiver parity error) -

UART (UART receiver overrun),
UART (UART receiver framing error) -

CTS (transmit timeout waiting for CTS),
DSR (transmit timeout waiting for DSR),
RLSD (transmit timeout waiting for RLSD) -

(transmit queue is full) - Serial Printer Logger

break (break condition received) - BREAK

Windows NT

" - " 121

5.2

5.2.1 TCP/IP

UDP TCP

(User Datagram Protocol). TCP

TCP (Transport Control Protocol) UDP

IP. TCP

TCP

, TCP

, UDP

UDP

UDP
TCP, UDP

IP

TCP, UDP

Messaging, UDP IP. Instant

Serial Printer Logger

TCP/IP

(TCP/IP) Serial Printer Logger

1. IP TCP/IP, Serial Printer Logger (www.yourserver.com) "Plant1", IP IP ;

2. IP Serial Printer Logger (NIC), IP Serial Printer Logger

Microsoft Windows, TCP/ IP IP

Serial Printer Logger "OK" TCP/IP.

Logger IP Serial Printer

Serial Printer Logger

(. . . 7).

(. . . 7) (. 7).

" IP"

TCP/IP

" (. 7).

0.0.0.0:7777

- 1051111110026#0
- 1051111110019#0
- 1051111110033#0
- 1051111110123#0
- 1051111110521#0
- 1051111110026#0
- 1051111110019#0
- 1051111110033#0
- 1051111110123#0
- 1051111110521#0

- Изменить конфигурацию
- Клонировать конфигурацию
- Показать статистику
- Удалить конфигурацию
- Добавление новой конфигурации
- Удалить все

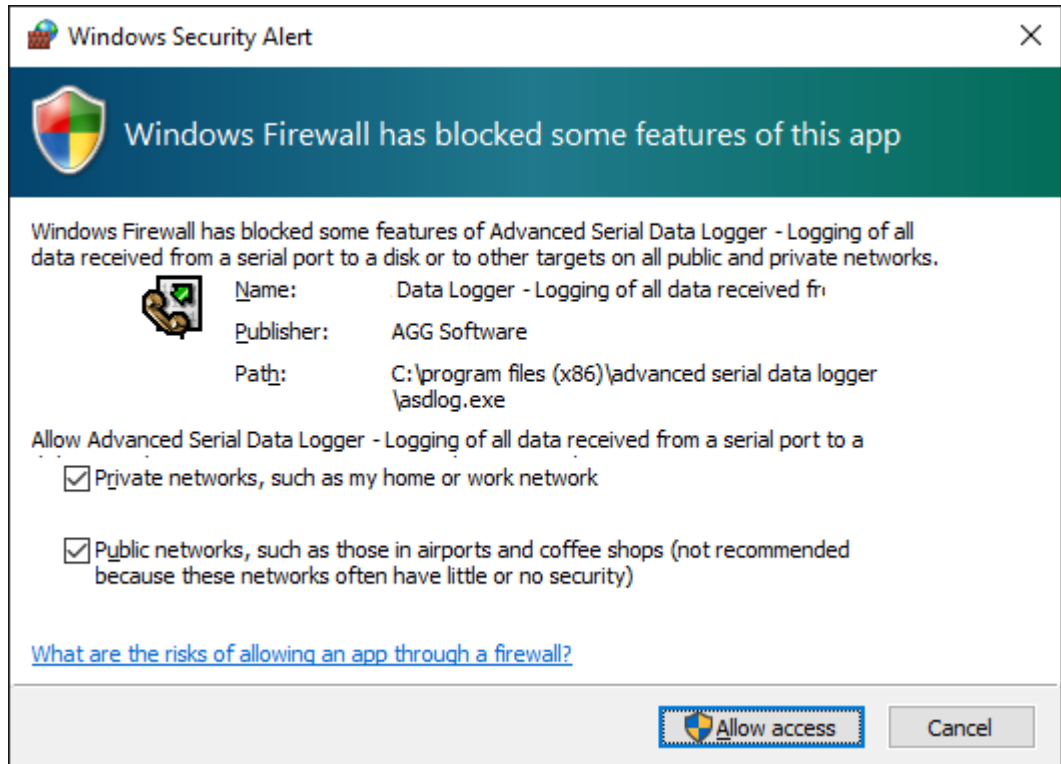
0.0.0.0:7777

TCP/IP: IP

IP

IP

(Security Alert).



. 9.

-
-
-

10).

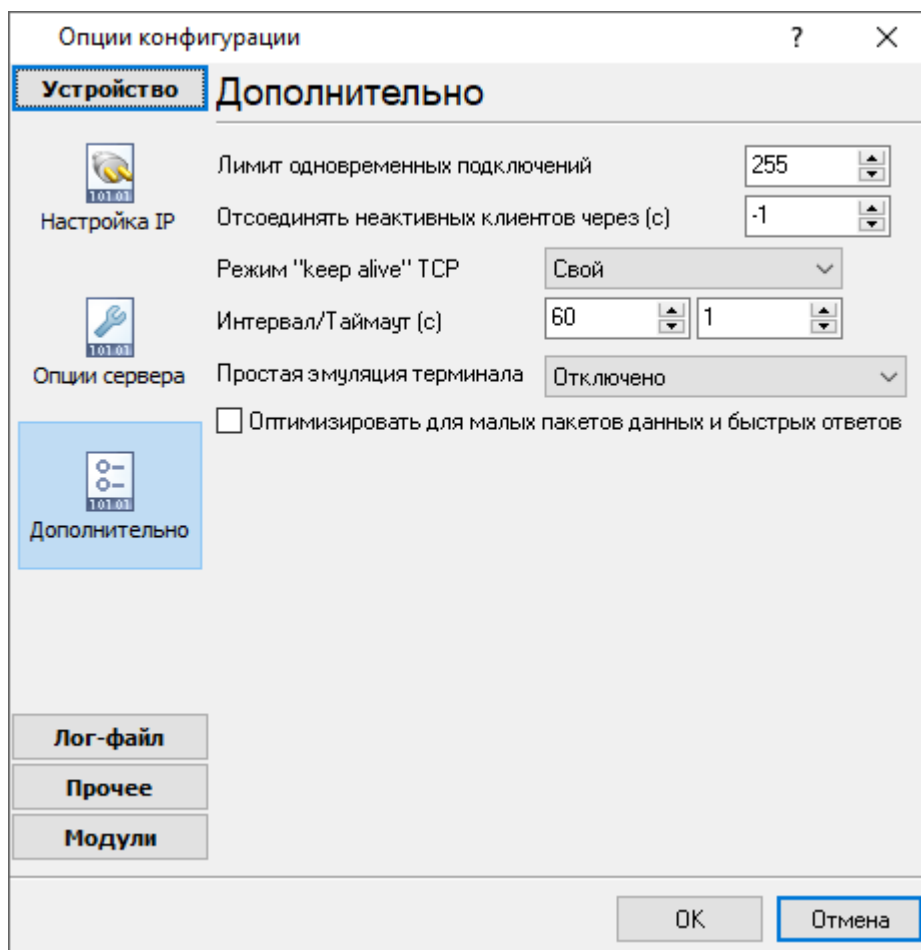
TCP/IP

1500

"TCP/IP" :

() -

"-1",



. 10.

TCP/IP

keep-alive TCP () -

keep-alive,

Windows.

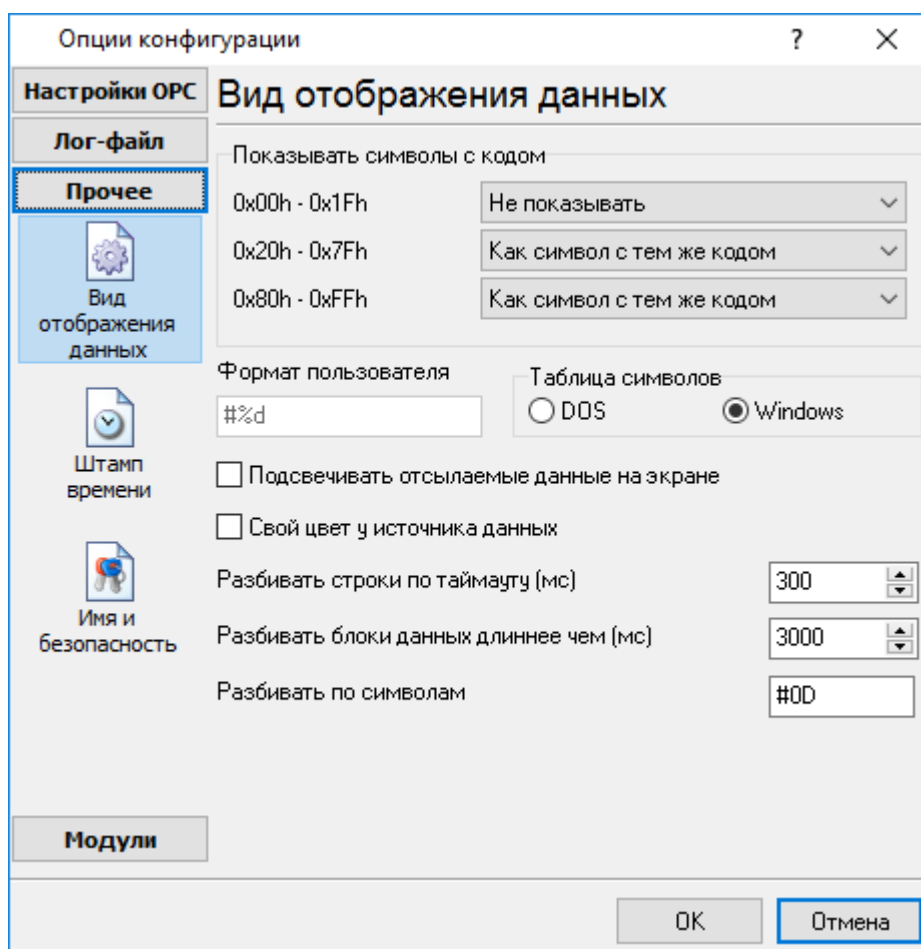
1. - .
2. - KeepAliveTime
KeepAliveInterval, :

[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Tcpip\Parameters]
 KeepAliveTime (, 32) =
 KeepAliveInterval (, 32) =

3. - 60/1 (60 ,
1).
:
keep-alive .

5.3

5.3.1



. 11.

" (. 11)

Hex-

%d

, %x -

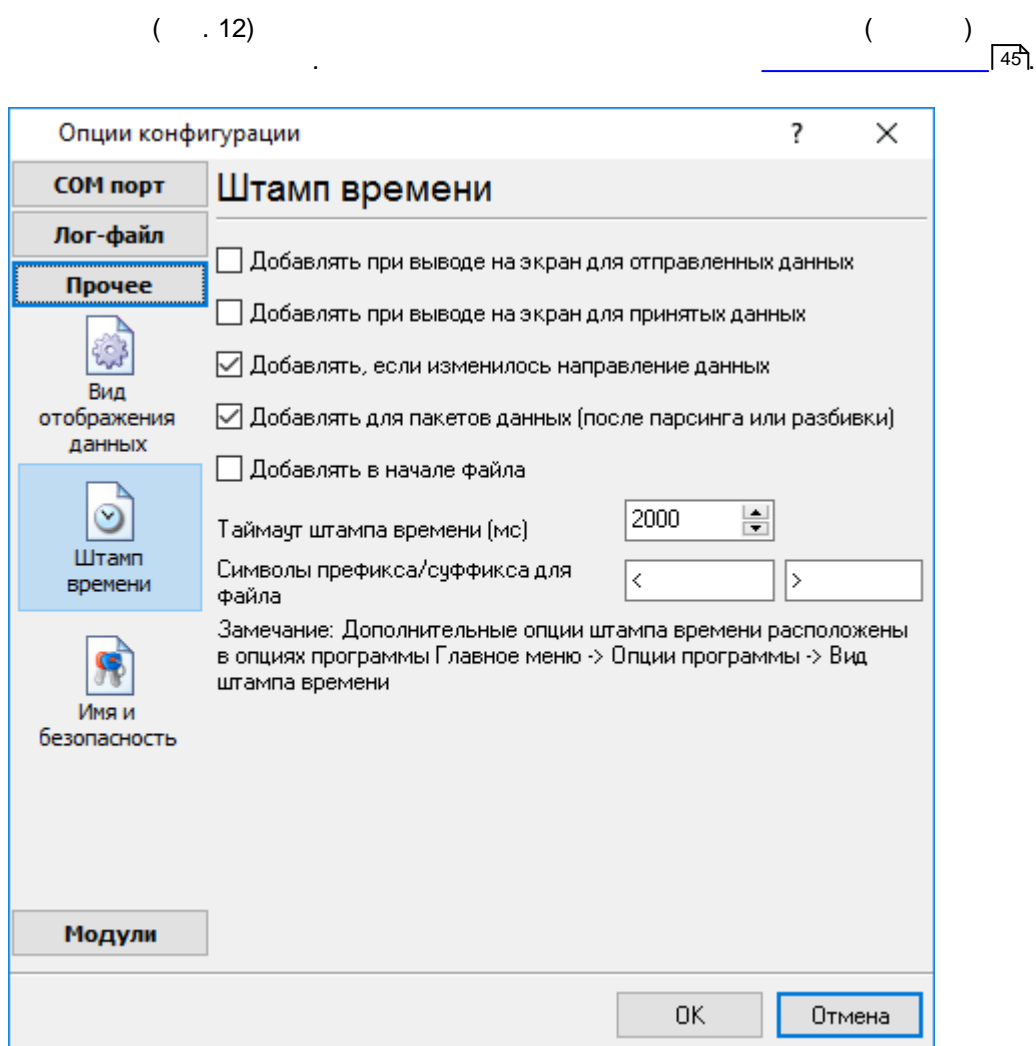
(OEM).

: Windows DOS

0,

0,

5.3.2



. 12.

()

(/).

_____ 45
: >#0D#0A

5.3.3

(. 13)

"

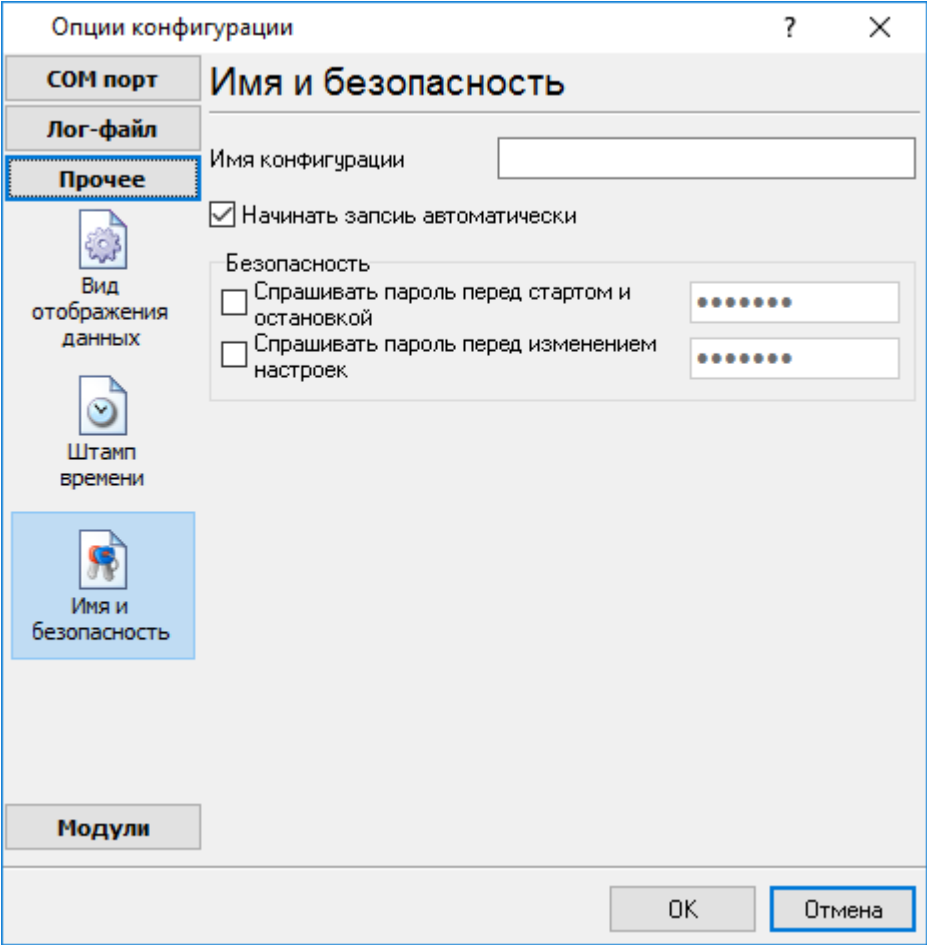
"

_____ 51

"

/

"

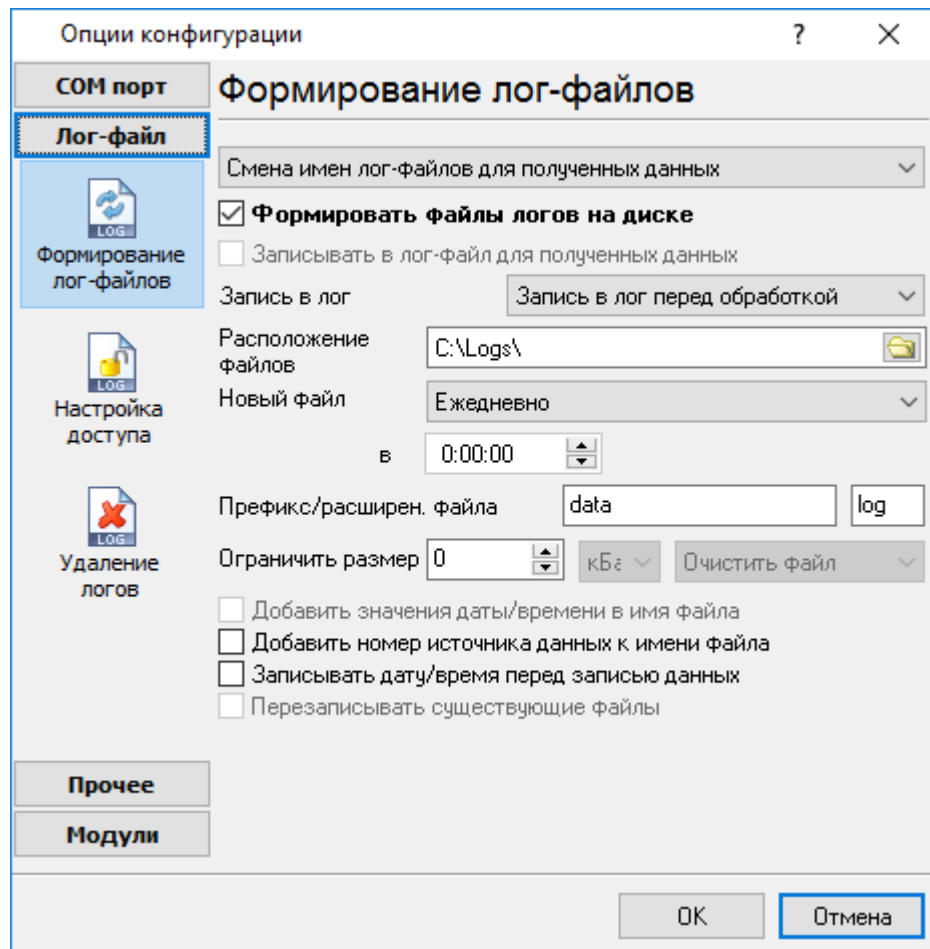


. 13.

5.4 -

5.4.1 -

(). (. 14).



. 14.

"OK".

Serial Printer Logger

"sample",

"log ",


```

"sampleYYYYMMDD.log". 21-
2003 - "sample20030321.log".
• ( ).
, , , .
" " :
1. - , .
DDMMYYYY, DD - , MM -
YYYY - ;
2. - . MMYYYY;
3. - YYYYMMDD;
4. - .
sample00000001.log. -
5. ;
6. - . WWYYYY, WW -
, YYYY -
7. ;
8. - . HHDDMMYYYY;
9. - -
, .
"Schedule & Hotkeys",
:
D - , (1 - 31);
DD - , (01 - 31);
DDD - ( - ) ,
;
DDDD - ( - )
, ;
M - , (1 - 12);
MM - , (01 - 12);
MMM - ( - ) ,
;

```

```

MMMM - ( - )
;
YY - (00 - 99);
YYYY - (0000 - 9999);
H - (0 - 23);
HH - (00 - 23);
N - (0 - 59);
NN - (00 - 59);
S - (0 - 59);
SS - (00-59).
W - ISO ( - ).
WW - ( - ).

```

```

YYYY/"MM"/"DD - 2023/01/01
YYYY/"MM"/"DD"THH:NN:SS - 2023/01/01THH:NN:SS

```

```

CLIENTID - ( - ).
CLIENTNAME - ( - ).

```

```

: "sample_log", "txt".
: = sample_log_, = txt ( !).
HHDDMMYYYY.

```

4 7 /

```

sample20030321.log. , COM1-

```

/

4 7.

```

" ".
1. - !

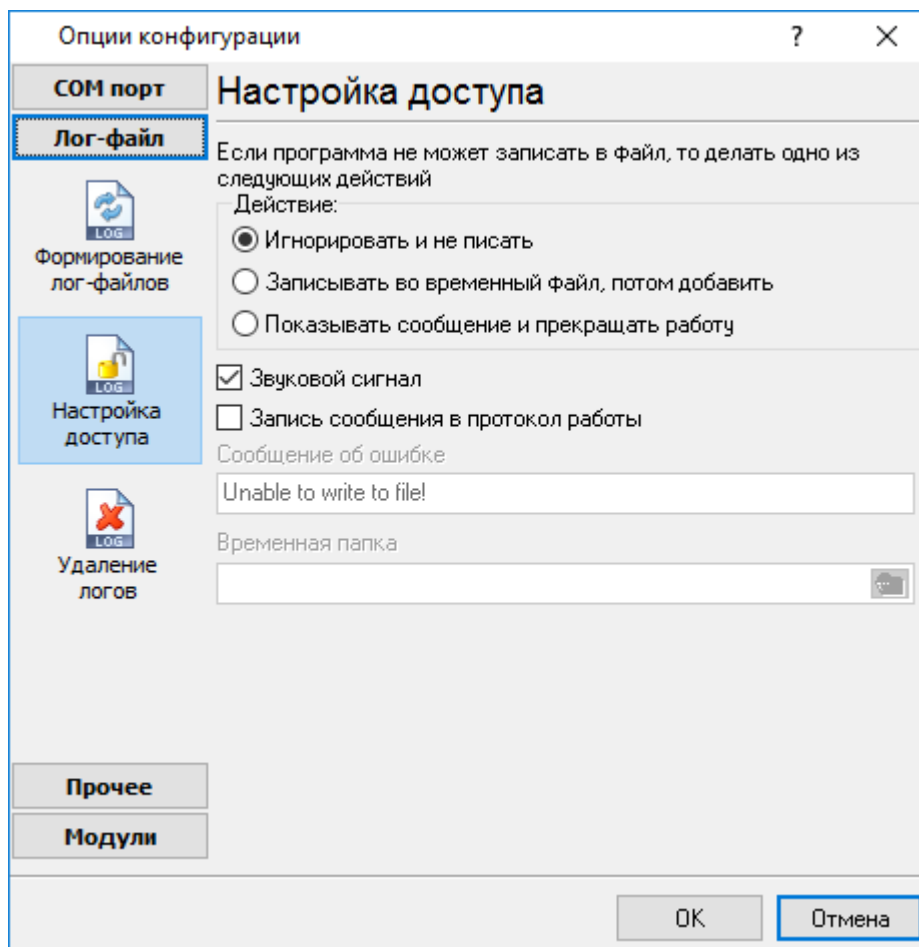
```

2. -
3. () -
4. ().

5.4.2

Office (, Microsoft Word),
Logger

Microsoft
Serial Printer



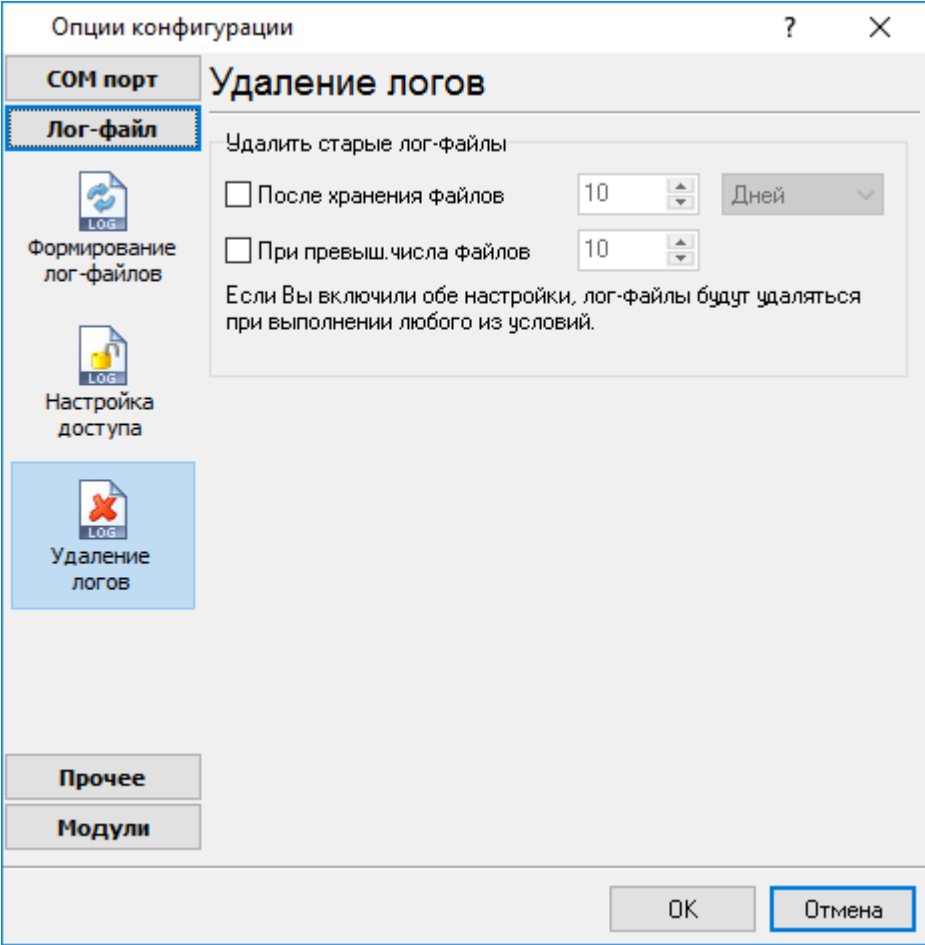
. 15.

Serial Printer Logger (.
15), :

- ; - ,
- , , - ,
- ; -

5.4.3

(. 16).



. 16.

5.4.4 PDF/RTF
5.4.4.1

"PDF logging" "RTF logging"
Adobe PDF Microsoft Word RTF.

ESC/P ESC/P EPSON
ESC/P, ESC/P 2, EPSON
ESC/P
PDF/RTF

PDF/RTF logging

: Windows 2000 SP4

32-x 64-x

5 MB

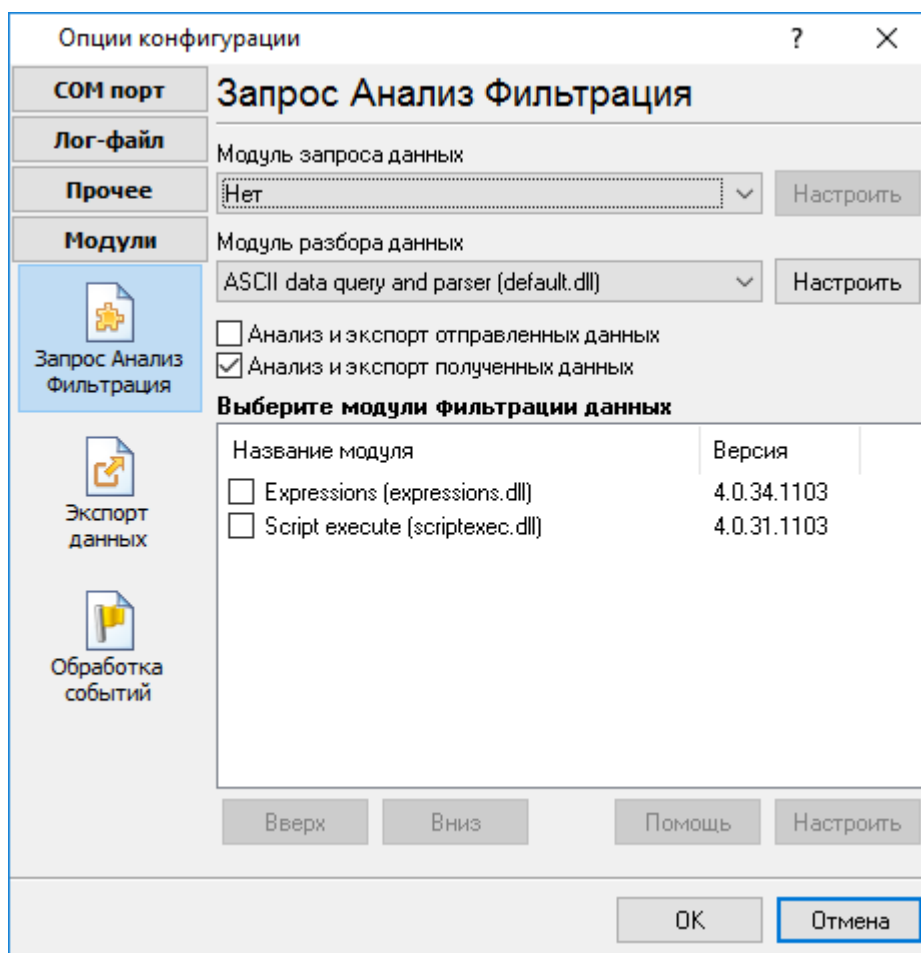
(), Advanced Serial Data Logger.

5.4.4.3

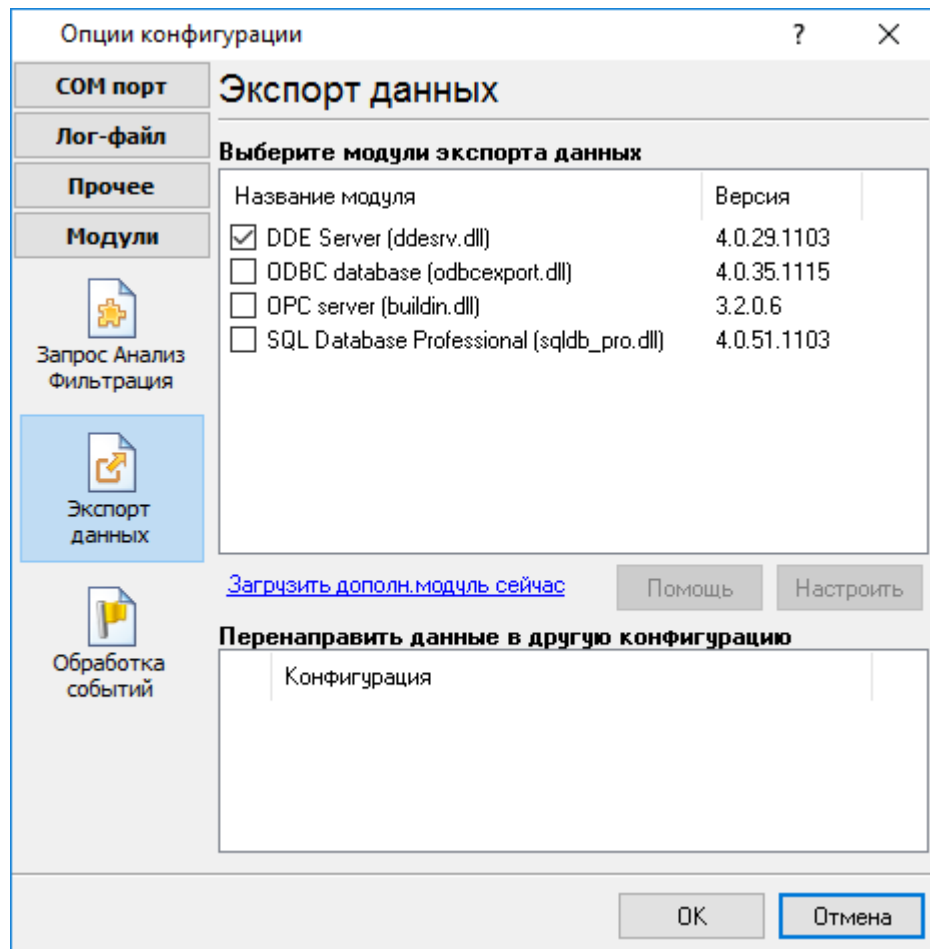
PDF/RTF logging

1. (, Advanced Serial Data Logger), ;
2. ;
3. ,
4. Windows;
5. " " ;
" " ;

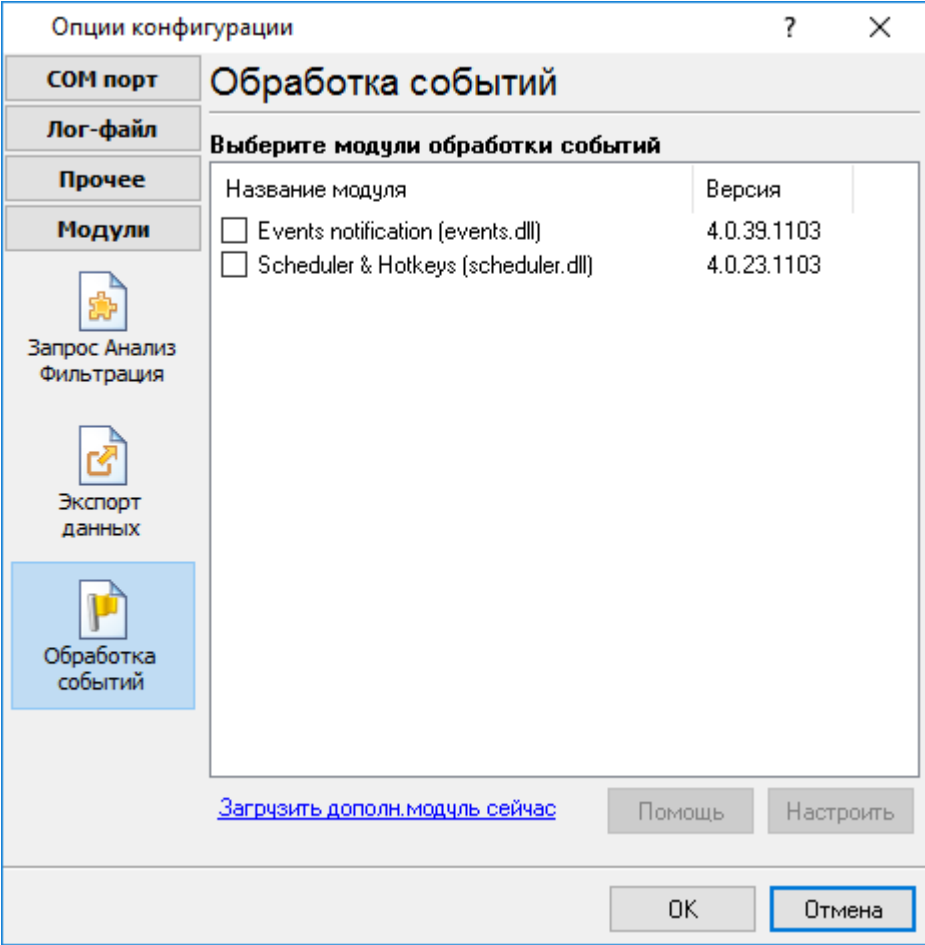
. 17-18.



. 17.



. 18.



. 19.

5.4.4.4

Plug-in -

Advanced Serial Data Logger

(.1):

- ESC/P - ,
- LQ - (). LQ. LQ ;
- / ; , ;
- - , , ;
- Courier. , Fixedsys, Courier; ESC/P",
- - , ESC/P ;
- - ; ,
- , ESC/P; ,
- - ,
- - (<TAB> ASCII) ESC/P.

Параметры документа

- Добавлять перевод строки после возврата каретки
- Добавлять возврат каретки после перевода строки
- Декодировать управляющие коды ESC/P
 - Режим LQ
 - Новый файл при команде Прогон Страницы
 - Новый файл при команде Извлечение Страницы

Параметры бумаги Letter 8 1/2 x 11 in

Размер бумаги (мм) Ш 210 В 295

Ориентация страницы Портретная

Тип шрифта и размер MS Sans Serif 8

Набор символов ANSI Embedded font

Цвет шрифта/страницы [Черный] [Белый]

Стиль шрифта

- Жирный
- Наклонный
- Перенос слов

Размер табуляции 4 [Инициал-ть]

Время ожидания

- Закреть файл (мс) 3000 [Закреть файл]
- Сбросить (мс) 5000 [Сбросить]

.1

()

() -

() -

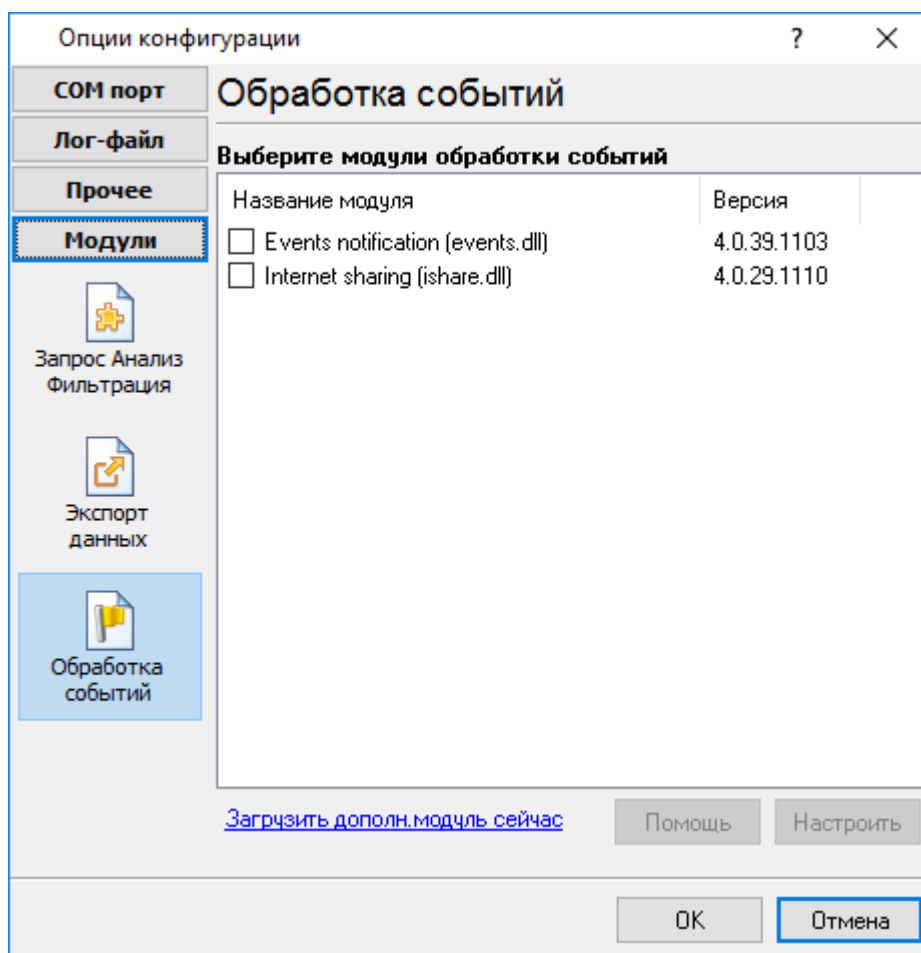
ESC/P.

5.5

5.5.1

Serial Printer Logger

- (, ,) - ()
- , - ;
- (. 5.1.3) - , Excel ;
Serial Printer Logger. , " - " "

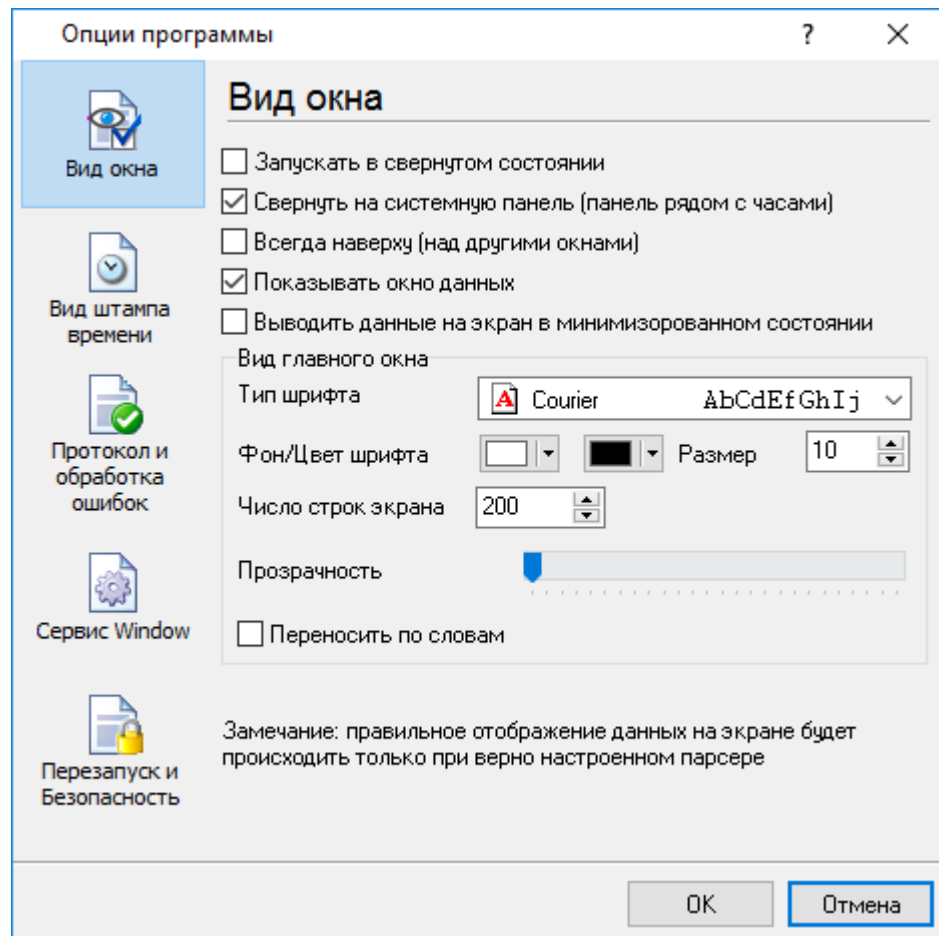


. 21.

"OK".

5.6

5.6.1

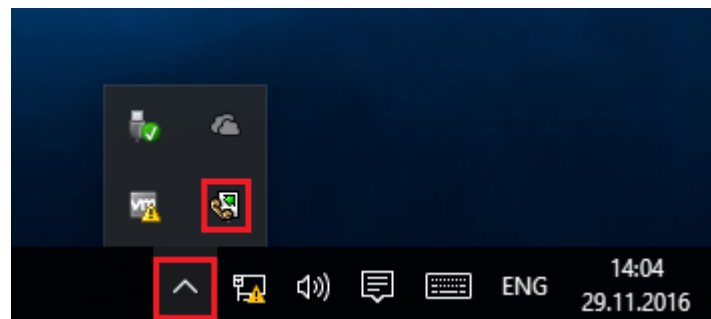


. 22.

" (. 22) :

- Serial Printer Logger

(. 23) ;



. 23.

-

(. 23) -

Serial Printer Logger

;

-

;

-

/

.

.

-

,

;

-

(

,

,

);

-

.

;

- Windows 2000

.

-

,

-

.

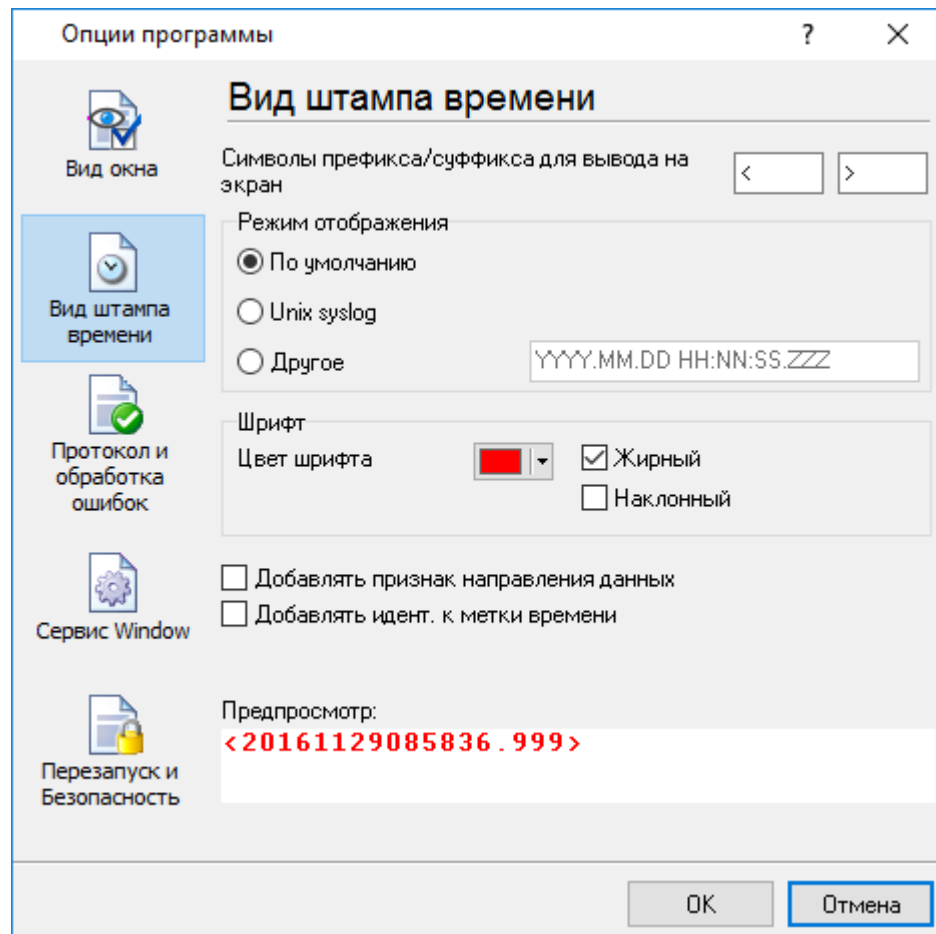
-

,

.

5.6.2

(. 24)



. 24.

26)

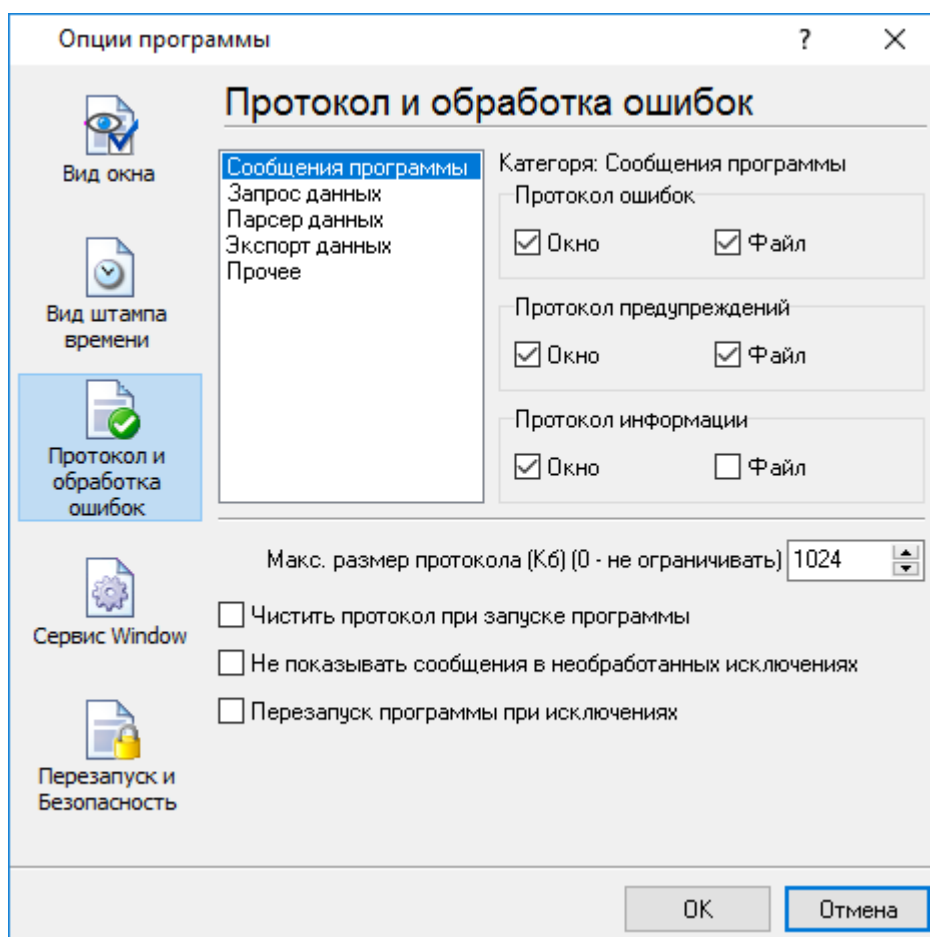
TX

RX

, COM1.

5.6.3

.log.



.25.

Serial Printer Logger

3-

-
-
-

- ; - ,
- - , ;
- - , ;
- - , ;

Serial Printer Logger

5.6.4
5.6.4.1

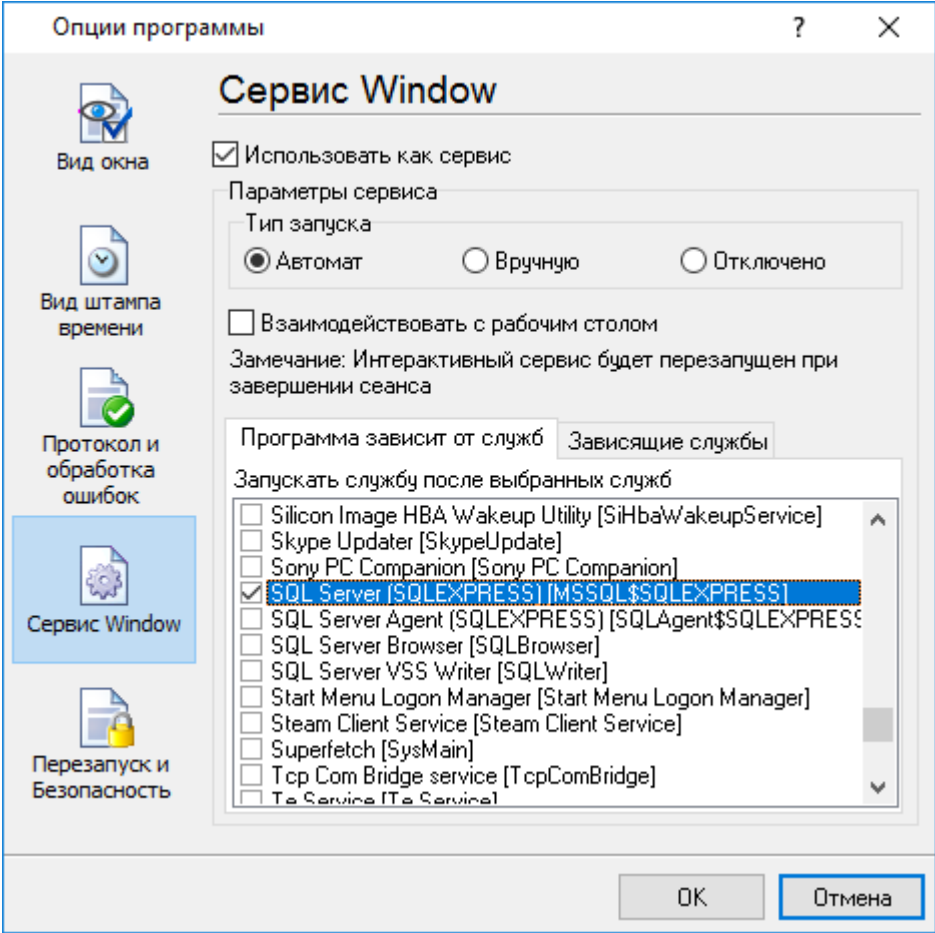
Windows 2000

() Windows :

- (Windows 2000);
- - ();
- ;
- ;

Windows Vista (elevated)

Windows" (. 26).



. 26.

1. - Windows
 2. - ; " " ;
 3. - " (. 27).
- " , . . Windows

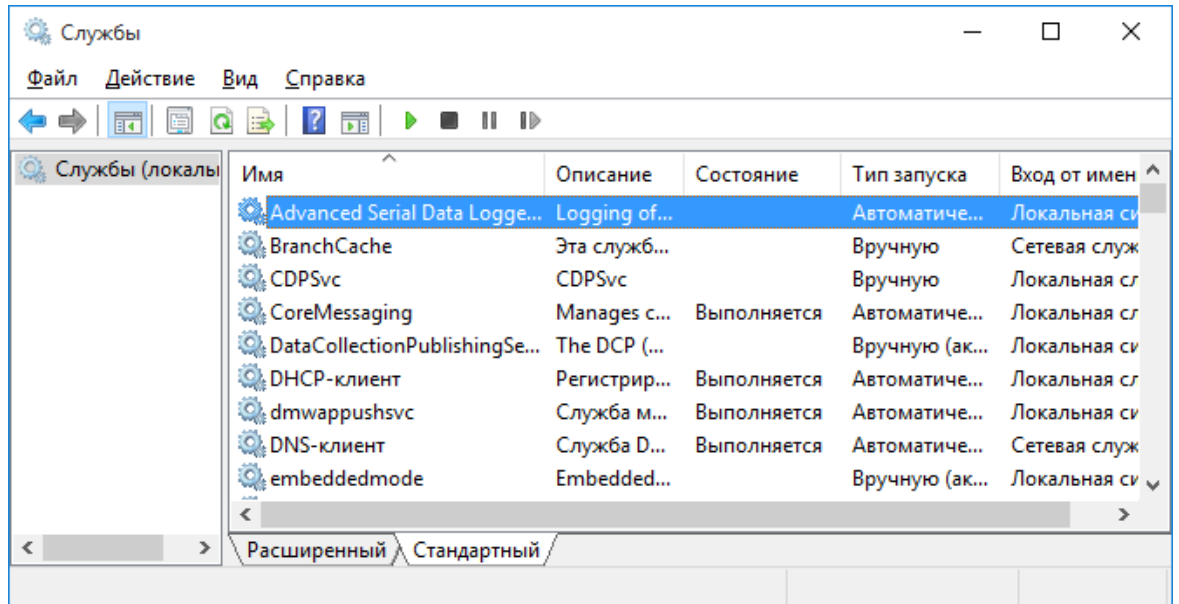
50) Windows Vista



. 27.

Serial Printer Logger, " ' (. 26)

' " " ' (. 28).

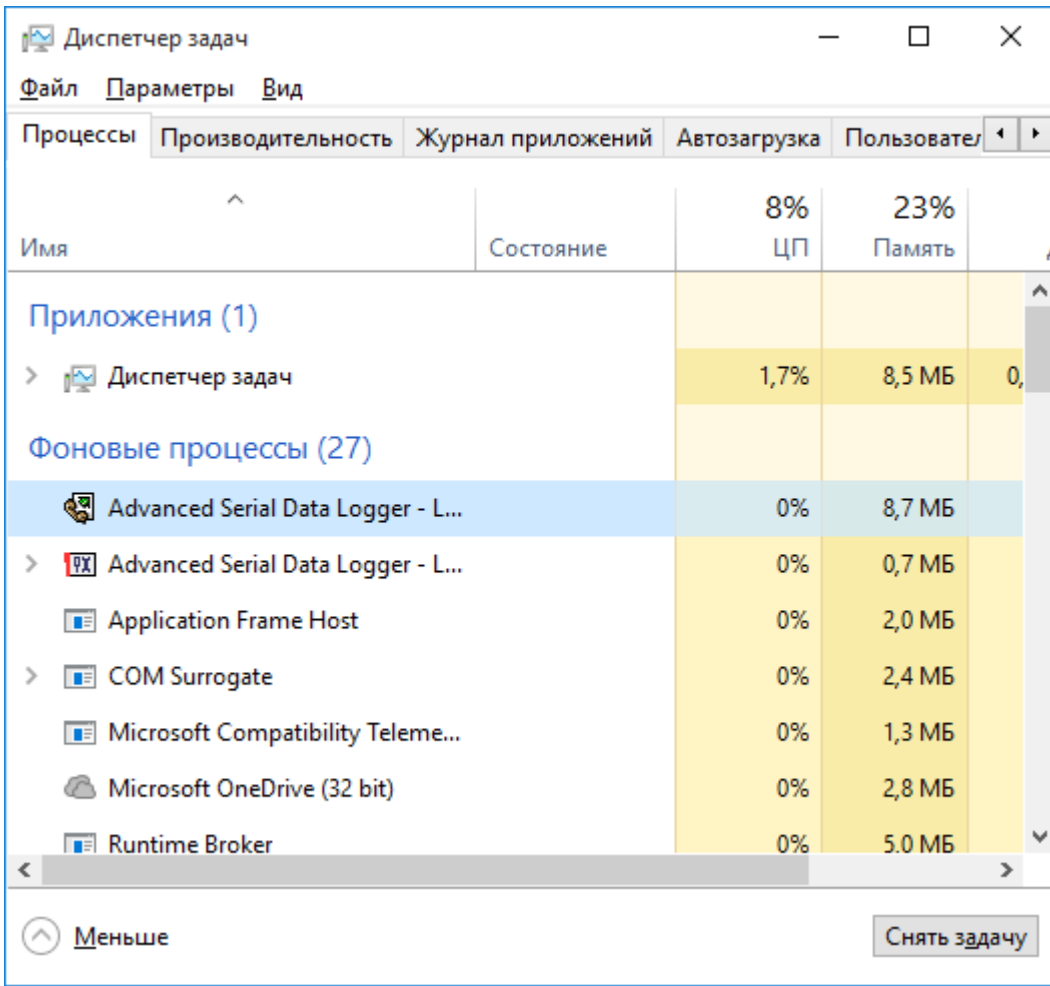


. 28.

(Windows 2000)

sprnlogger.exe (. 29).

2 - sprnloggersrv.exe
Serial Printer Logger
Serial Printer Logger,
svany.exe



. 29.

sprnloggersrv.exe

- /? -
- /I -
- /A -
- /D -
- /R -

5.6.4.2

Windows Vista

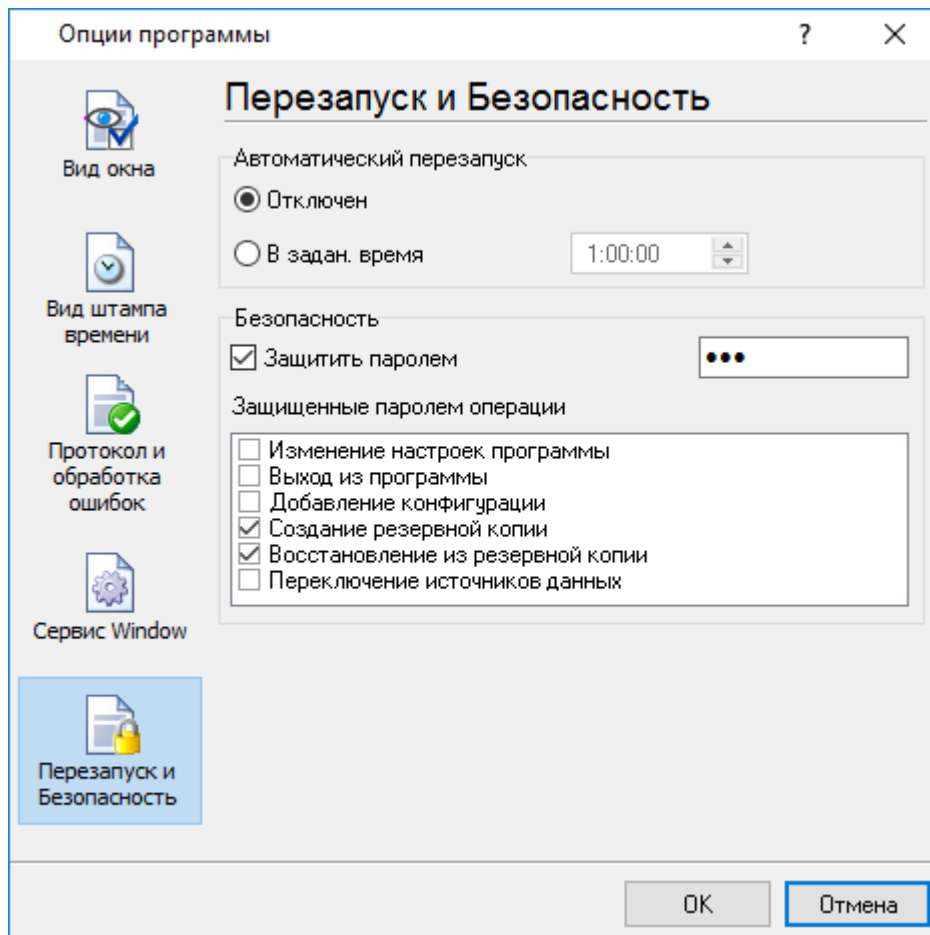
Windows Vista

Windows.

- : Interactive Services Detection
 - : UIODetect
 - : UIODetect.exe
 - :
 - : %windir%\system32\UIODetect.exe
 - :
1. Home Basic:
 2. Home Premium:
 3. Business:
 4. Enterprise:
 5. Ultimate:

5.6.5

(. 30).



. 30.

" "

7

?

7.1

SoftIce

support@aggsoft.ru