



**The OPC logger ActiveX
PRINTED MANUAL**

OPC logger ActiveX

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1 Introduction

1.1

OPC logger ActiveX
Data Logger

ActiveX component,
OPC

Advanced OPC

Advanced OPC Data

Logger.

OPC logger ActiveX:

32-bit ActiveX
(Visual C++, Delphi, Microsoft Office
.NET).

Visual Basic

ActiveX
(.NET).

-

ActiveX Automation

Windows

Visual Basic.

Advanced OPC Data Logger,

Advanced OPC Data Logger

Advanced OPC Data Logger

Advanced OPC Data Logger

OPC

Microsoft Excel c

Visual Basic.

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

: <http://www.aggsoft.ru/opc-logger-activex.htm>.

1.2

shareware-

Internet,

2

1.3

OPC logger ActiveX	support@aggsoft.ru
	support@aggsoft.ru
	sales@aggsoft.ru

1.4

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1. "OPC logger ActiveX"

2.

```

3.          "OPC logger ActiveX"
4.
5.          "OPC logger ActiveX"
           sales@aggsoft.ru
6. "OPC logger ActiveX"
           "OPC logger ActiveX"
7. "OPC logger ActiveX"          "AS IS".
8.
9.          "OPC logger ActiveX"
10.         -
           "OPC logger ActiveX"
           "OPC logger ActiveX".

```

1.5

- Windows 95 (comctrl.dll,);
- Windows 95 OSR2;
- Windows 98;
- Windows Me.

- Windows NT4 (SP4).
- Windows 2000 Professional;
- Windows 2000 Server;
- Windows XP x86 x64;
- Windows 2003 Server x86 x64;
- Windows Vista () x86 x64.

Internet Explorer 5.0

ActiveX

Advanced OPC Data Logger

1.6

Advanced OPC Data Logger.

, "OPC logger ActiveX"
OPC Data Logger"

"/Programs Files/Advanced

"OPC logger ActiveX"
!register.bat

2

opclogger.

API

opclogger

- [_____](#) 

2.1

logger ActiveX.
ActiveX.

COM

OPC
OPC logger

- [ITLoggerControlAX](#) 
- [ITLoggerControlAXEvents](#) 

2.1.1 ITLoggerControlAX

OPC logger ActiveX Object.

ITLoggerControlAX

	RegisterDataNotify 6	
	GetConfigurations 6	: COM1+CRLF+COM2+CRLF CR+LF.
	GetConfigID 7	(ID)
	Send 8	OPC
	StartPause 9	/ OPC
	SetLicenseKey 9	
	SetOption 10	
	GetOption 11	
	SaveApplyOptions 12	

:

```

:      opclogger.h
:      opclogger.lib

```


2.1.1.1 ITLoggerControlAX::RegisterDataNotify

[C++]

```
long RegisterDataNotify(
    long ConfigID
    long NotifyType
);
```

[Visual Basic]

```
object.RegisterDataNotify(
    ConfigID As Long
    NotifyType As Long
) As Long
```

ConfigID

[in]

(ID)

[GetConfigID](#)

NotifyType

[in]

(RAW)

; 1 -

: 0 -

; 2 -

:

:

opclogger.h
opclogger.lib

:

:

[ITLoggerControlAX](#)

2.1.1.2 ITLoggerControlAX::GetConfigurations

CR+LF. : COM1+CRLF+COM2+CRLF

[C++]

```
BSTR GetConfigurations();
```

[Visual Basic]

```
object.GetConfigurations() As String
```

:

```
:      :      opclogger.h
:      :      opclogger.lib
```

:

[ITLoggerControlAX](#) 

2.1.1.3 ITLoggerControlAX::GetConfigID

(ID)

[C++]

```
long  GetConfigID(
      BSTR ConfigName
);
```

[Visual Basic]

```
object.GetConfigID(
      ConfigName As String
) As Long
```

ConfigName

[in]

[GetConfigurations](#) 

:

```
:      :      opclogger.h
:      :      opclogger.lib
```

:

[ITLoggerControlAX](#) 

2.1.1.4 ITLoggerControlAX::Send

OPC

[C++]

```
long Send(
    long ConfigID
    long SendType
    long DataType
    BSTR Data
);
```

[Visual Basic]

```
object.Send(
    ConfigID As Long
    SendType As Long
    DataType As Long
    Data As String
) As Long
```

ConfigID

[in] (ID)
[GetConfigID](#) [7]

SendType

[in] : 0 - ; 1 -
 ; 2 - OPC .

DataType

[in] : 0 - ; 1 - ,
 #AA

Data

[in]

:

: opclogger.h
 : opclogger.lib

:

[ITLoggerControlAX](#) [5]

2.1.1.5 ITLoggerControlAX::StartPause

/

OPC

[C++]

```
long StartPause(
    long ConfigID
    long State
);
```

[Visual Basic]

```
object.StartPause(
    ConfigID As Long
    State As Long
) As Long
```

ConfigID

[in]

(ID)

[GetConfigID](#) *State*

[in]

0

). State=0,

(

:

:

opclogger.h
opclogger.lib

:

[ITLoggerControlAX](#) 

2.1.1.6 ITLoggerControlAX::SetLicenseKey

[C++]

```
long SetLicenseKey(
    BSTR Key
);
```

[Visual Basic]

```
object.SetLicenseKey(
    Key As String
) As Long
```

Key
[in] : AAAA-BBBB-CCCC-DDDD
:
: opclogger.h
: opclogger.lib
:
[ITLoggerControlAX](#) ⁵

2.1.1.7 ITLoggerControlAX::SetOption

[C++]

```
long SetOption(
    long ConfigID
    BSTR Option
    VARIANT* Value
);
```

[Visual Basic]

```
object.SetOption(
    ConfigID As Long
    Option As String
    Value As Variant
) As Long
```

ConfigID
[in] (ID) ,
[GetConfigID](#) ⁷.
Option
[in] / Window (
[SaveApplyOptions](#)) ¹².
Value
[in] True False boolean.

```

:
:
:      opclogger.h
:      opclogger.lib

```

[ITLoggerControlAX](#)⁵

2.1.1.8 ITLoggerControlAX::GetOption

[C++]

```

long  GetOption(
    long      ConfigID
    BSTR      Option
    VARIANT** Value
);

```

[Visual Basic]

```

object.GetOption(
    ConfigID As Long
    Option   As String
    Value    As Variant
) As Long

```

ConfigID

[in]

(ID)
[GetConfigID](#)⁷

Option

[in]

/ [SaveApplyOptions](#)¹²

Window (

Value

[out]

True False

boolean.

```

:
:
:      opclogger.h
:      opclogger.lib

```

[ITLoggerControlAX](#)⁵

2.1.1.9 ITLoggerControlAX::SaveApplyOptions

HKEY_LOCAL_MACHINE\SOFTWARE\AGG Software\Advanced OPC Data Logger\
{8BB712F0-490F-499F-B616-3E809FAE4A22}.

HKEY_CURRENT_USER\SOFTWARE\AGG Software\Advanced OPC Data Logger\
{8BB712F0-490F-499F-B616-3E809FAE4A22}

```

        INI (
        INI
        :
        "{8BB712F0-490F-499F-B616-3E809FAE4A22}"

```

[C++]

```

long SaveApplyOptions(
    long ConfigID
    long DoSave
);

```

[Visual Basic]

```

object.SaveApplyOptions(
    ConfigID As Long
    DoSave As Long
) As Long

```

ConfigID

[in] (ID) ,
[GetConfigID](#) [7].

DoSave

[in] > 0, ,

INI .

:

: opclogger.h
: opclogger.lib

:

[ITLoggerControlAX](#) [5]

2.1.2 ITLoggerControlAXEvents

OPC logger ActiveX.

ITLoggerControlAXEvents

	OnData ¹³	Data Logger	Advanced OPC
	OnDataPacket ¹⁴	Logger.	Advanced OPC Data
	OnEvent ¹⁵		

:

```

:      opclogger.h
:      opclogger.lib

```

2.1.2.1 ITLoggerControlAXEvents::OnData

Advanced OPC Data Logger

[C++]

```

HRESULT OnData(
    BYTE DataSent
    BSTR Data
);

```

[Visual Basic]

```

object.OnData(
    DataSent As Byte
    Data      As String
)

```

DataSent
[in] DataSent>0 (Data) , (Data)

Data


```

[in]      .
          :
          :      opclogger.h
          :      opclogger.lib
          :

```

[ITLoggerControlAXEvents](#)^[13]

2.1.2.2 ITLoggerControlAXEvents::OnDataPacket

Advanced OPC Data Logger.

[C++]

```

HRESULT  OnDataPacket(
    BYTE   DataSent
    VARIANT* VarNames
    VARIANT* VarValues
);

```

[Visual Basic]

```

object.OnDataPacket(
    DataSent As Byte
    VarNames As Variant
    VarValues As Variant
)

```

DataSent
[in] DataSent>0 (Data), (Data)

VarNames
[in] , - .

VarValues
[in] , .

```

:
:      opclogger.h
:      opclogger.lib
:

```

[ITLoggerControlAXEvents](#) ¹³

2.1.2.3 ITLoggerControlAXEvents::OnEvent

[C++]

```
HRESULT OnEvent (
    long      Event
    BSTR      EventName
    VARIANT*  ArgNames
    VARIANT*  ArgValues
);
```

[Visual Basic]

```
object.OnEvent(
    Event      As Long
    EventName  As String
    ArgNames   As Variant
    ArgValues  As Variant
)
```

Event

[in]

EventName

[in]

PORT-OPEN.

ArgNames

[in]

' (-) .

ArgValues

[in]

' ,

:

: opclogger.h
: opclogger.lib

:

[ITLoggerControlAXEvents](#) ¹³