WiseMo.ini settings

1.0 Background

In order to work around problems, tweak or force uncommon behavior of the Windows Host and Guest programs, certain settings can be specified in the common WiseMo.ini file.

Modifying WiseMo.ini is for advanced use only and should normally only be done after instructions from WiseMo or WiseMo partners.

1.1 Prerequisites

The WiseMo.ini file is used by WiseMo Guest and Host modules running on Windows. This includes the WiseMo ActiveX component and NPAPI component in supported browsers. The Chrome component is not supported.

WiseMo.ini is a plain text file that can be launched just by pressing the "Window Key" + R and then enter "WiseMo.ini" in the Run dialog that appears. Usually, the file is protected by the operating system so it cannot be saved without Administrator privileges. The recommended approach for modifying WiseMo.ini is therefore to find Notepad (search e.g. for Notepad in the start menu) and right click it and select "Run as administrator …". When Notepad is running, click "File > Open" in the menu and browse to "C:\Windows" and open WiseMo.ini. The changes can now be saved via "File > Save".

1.2 Introduction

The WiseMo.ini file is a standard Windows ini-file. It has a number of sections in square brackets, e.g. [DTL]

Each section can have multiple lines with properties. A property has to appear in the correct section otherwise it will be ignored.

If a section doesn't exist, it can simply be added. Be careful not to add a section in the middle of properties for another section. Therefore, add new sections at the bottom of the file.

A property consists of a name and a value. The name and value are delimited by an equal sign (=). The name appears to the left of the equal sign. The name cannot contain the characters equal sign (=) or semicolon (;) as these are reserved characters. The value can contain any character. Semicolons (;) at the beginning of the line indicate a comment. Comment lines are ignored. Leading and trailing spaces of name and value are ignored.

A property has a default value that will be used if the property isn't defined in theWiseMo.ini file.

An example is DTLLOGKB in the [DTL] sections:

    [DTL]
    DTLLOGKB=5000

The default value for DTLLOGKB is 500 which will be the value that is used if the DTLLOGKB isn't specified.

The settings in WiseMo.ini usually require that the WiseMo module is restarted to take effect.

2.0 Guest and Host WiseMo.ini settings

Section	Name	Default value	Unit	Description
DTL	DTLLOGKB	500	KB	Size of the WiseMo Support log. WiseMo may instruct you to increase the size to capture additional log history. The size can be decreased to e.g. 100 (i.e. 100 KB) to save memory.
DTL	TimeOutTimes	10	Integer	Number of times a Send operation is attempted. Min value: 0 Max value: 50
DTL	MinTimeOut	1 tick = 0.056s	Tick	Minimum time for receiving an acknowledgement of data packet reception (Tick: 1/18 second). Max value: 180 ticks = 10s
DTL	MaxTimeOut	10 ticks = 0.556s	Tick	Maximum time for receiving an acknowledgement of data packet reception (Tick: 1/18 second). Min value: 10 (=0.556s) or MinTimeOut Max value: 65535 (=3641s)
DTL	CallRetry	10	Integer	Number of times a Call operation is attempted. Each retry lasts CallTimeout/18 seconds. Min value: 1 Max value: 65535
DTL	CallTimeout	3*18 ticks = 3s	Tick	Time out of call operation in ticks (Tick: 1/18 second) Min value: 1 (=0.056s) Max value: 65535 (=3641s)

Section	Name	Default value	Unit	Description
HTTP	ProxyOverrule	(blank)	Text	(At least since since 2013091) DNSnam:port of HTTP Style proxy to use for outgoing HTTP Encapsulated connections to hosts or connection servers. (Only before build 2026067) Applied only to "TCP" connection profiles with the "Encapsulate in HTTP" checked and to "myCloud" profiles when connecting through a HTTP enabled connection server Typical value: squid.example.local:3128 Typical value:proxy.example.local:8080

A comment regarding timeouts and retries: When a network packet is sent, the receiving end sends an acknowledgment reply to confirm successful receipt of the packet. The timeout value specifies the duration from when a packet is sent to when its acknowledgment should be received. This value is dynamic and depends on the connection quality and bandwidth. MinTimeOut and MaxTimeOut define the range for the timeout value.

If the acknowledgment is not received within the specified time limit, the packet is retransmitted by retrying the send operation. If no acknowledgment is received for any sent packets, the connection is deemed lost. The same principle applies to Call operations.

A tick is an internal computer time unit. 1 Tick is 1/18s or 0.0556s.

3.0 Guest WiseMo.ini settings

Section	Name	Default value	Unit	Description
GUEST	CacheSize	20	MB	Size of screen cache.

4.0 Host WiseMo.ini settings

Section	Name	Default value	Unit	Description
HOST	UseWinSysAccountFix	0	BOOL	Set to 1 to work around a rare bug in Windows where the system dialog choosing Windows users and groups fails with an internal error.
HOST	UsingHostID		Text	This is an output only value indicating the Host ID the Host is actually using.
HOST	SkinDeviceID		Text	Force Windows Host to use the defined skin (from v. 18 build 20056)
HOST	Region	1	BOOL	Set to 0 to disable the intelligent detection of screen changes.

Section	Name	Default value	Unit	Description
HOST	ScreenSearchFirstMax ScreenSearchLastMax ScreenSearchMax	125 50 300	Integer Integer Integer	The Host includes a thread that captures and sends screen changes. This thread is controlled by several timing parameters that determine the age of detected changes and the maximum duration to wait for additional changes before flushing the send buffer: * The first detected change must not be older than *ScreenSearchFirstMax* ms (125 ms by default). * The most recent detected change must not be older than *ScreenSearchLastMax* ms (50 ms default). * The loop will search for up to *ScreenSearchMax* ms without detecting changes (300 ms default). These parameters can be configured in the WiseMo.ini file under the [HOST] section, using the following keys (values in milliseconds): [HOST] ScreenSearchFirstMax = 125 ScreenSearchLastMax = 50 ScreenSearchMax = 300 (from build 2025183)
LOG	SEQUENCE	0		The WiseMo log stamp. The number is the sequence number of the log event.