Setting in E.WIN.ini / Edotpro.Ini:

Revised: 19.11.2019

_____

The following settings use the convention of 1 as ON and 0 as OFF

[Comm Setting]	
CommPort=1 BaudRate=2400 InterfaceType=EL70	The Comm Port will be automatically scanned and set by E.WIN with license. The comm. port number that can be detected by E.WIN is up to 32. If you are using E.WIN without license (which can only support up to 4 doors), you may need to set the comm. port manually by keying in the serial port number that connected to the controllers. BaudRate is the communication speed between PC and controllers. Thus, the baud rate in E.WIN must be same as that set in the controllers. Otherwise, PC and controller will be failed to communicate. For old model of controller, such as EL1300, EL2205 are using baud rate 2400. For new model of controller, such as EL360, EL370, EL1330, EL1370 and EL2308, the default baud rate is 9600. InterfaceType is the type of communicator using to transfer data between E.WIN and controller in bus 1. If you are using EL70X, set InterfaceType=EL70 If you are using EL38, set InterfaceType=EL38

OnLine=1	Set OnLine=1 to allow online scanning of transaction. This will allow transaction immediately retrieved to E.WIN so that it will not be accumulated. It is advisable to always set to 1 as controller has limited space for storing transactions. Once the transaction is exceed the storage limit, it old transaction will be overwritten and cause "missing of transaction".
OnLinePrinting=0	Online Printing
BuzzerOnAlarm=0	Sound the buzzer if alarm transaction
MultiCommSupport=0 CommPortList=27010203	Set MultiCommSupport=1 if you have more than 1 bus (16 units) of controllers. Since each bus is on a separate serial port, you can specify what comm. port is meant for which bus e.g. Set CommPortList=27010203 means bus 1 is on COM27, bus 2 on COM1, bus 3 on COM2, bus 4 on COM3.

CommTimeOut10ms=200	Duration E.Win waits before declare as No Response from a controller. It is in unit of 10 miliseconds, 200 means 2 seconds. This is meant for older model of EL1300 where it takes longer time to response.
IPPort=4001	IP port used in TCP/IP communication from E.WIN to the access controller based on LAN. This is the global setting for all the controllers linked through LAN (Local Area Network)
LANMode=0 LANCommand=0	Set LANMode=1 to turn on Encrypted Mode communication from PC to IP based access controllers. LANCommand=1 allows Bulk commands to be sent. Typically, this mode speeds up card installation process In Bulk mode, 1000 cards can be installed in 1 minute instead of few minutes. NOTE: These 2 commands apply only to EL1330 ver 1.1.x and above.
DeviceDownCount=1	Number of try to get transactions from a controller before declares as 'Controller Down'.
UseThisCommOnly=1	Only port specified in CommPort=COMx will be checked for license key.
UseEKey=1	Detect new license key (the one with 16 or 64 memory slots instead of DIP switches)
EnforceIPReconnect=1	Reinitiate every IP connection, for a more robust con but slower connection.
ScanResumeSec=60	If polling is turned off and idling for N seconds, resume polling the controllers. Minimum 60 seconds.

Map Setting	
MaxMapPause=2	Map switching rate in seconds
BMPOnly=1	BMP files only, set to 0 for other File format, e.g. JPG and etc.
ShowDeviceTag=1	Display device tag below the controller icon
Access Report	
TransSelect=111111111111111111111111111111	
	Selected Report transactions (maintained by E.Win, do not change)
EsofproTrans=0	Esofpro Compatible format
Comma Delimited=0	Export transactions in comma delimited format
TimeClock=1	Prepare clock data for Chronos
OnTimePath=c:\progra~1\chronos\	Time Attendance directory
DirectPrint=1	Set to 1 for dot matrix printer while using on-line printing feature.

	Set to 0 means requesting E.WIN to print on the page by page basis.
TemporaryCard=0	Allow temporary card
System Status	
Query=1	Query for device status, e.g. Door Open.
DiskSpaceWarning=10	Display warning message if hard disk free space < n Megabytes
EL1200QA=1	Enable small data packet when polling EL1200. This will override 'Query=?' setting.
Options	
CondIOEnabled=0	Enable conditional I/O in E.WIN Designer.
CondSMS=1	Enable SMS sending based on cond. I/O. This is a web based option, no GPRS modem is required.
CondEmail=1	Enabled Email sending based on cond. I/O. The mail is sent through web based mail server, no local mail server configuration is needed.
SecComm=1	Enable Secure Mode for EL2306 Secured Communication.
BulkCmd=1	Enable to allow speedy sending of cards to some specific model of controllers.
VIPList=010405	VIPList is to priotize polling rate for some of the controllers. Once listed, the controller will be polled alternately, i.e. X,A,X,B,X,C,… Originally created for serial communication, every 2 digits meant for logical_point for a controller. Later, it was expanded to cover IP linked controllers: e.g. VIPList=M 03128100001155 08128100007214 For Controller IP 128.100.1.155 Unit 3, and controller IP 128.100.7.214 Unit 8
TMSControllers=01110	Based on binary pattern to set selected controllers for attendance purpose (Chronos/E.time/TimePro) e.g. 01110 means controller logical_point #2,#3,#4 will be included in attendance processing.
ZoomLatestPhoto=3	1 is default, width=100, if set to 3, the photo will be stretched to 3 time larger.
ZoomFrame=1	Due to screen limitation, max only 2 zoom frame possible.
HolidaySet=1	For those company that has branches in other states, such as Kelantan, where the holidays observed is different, then you need holidayset=1.
CarParkCounter=YYNNN	To count total number of car enter/exit a car park based on valid entry/exit from the controller.

	Y=selected as car park controller. Every entry increase counter 1, while exit decrease 1.
UseDomainName=1	Enable this flag if the remote controller is port-forwarded through Dynamic DNS. e.g. ctrl.dyndns.org:22300 instead of the standard IP linked 128.100.9.123:4001
CondCards=1	Conditional I/O – with card check. e.g. if Valid entry from card 123456, turn on Output #3.
StartExpiryEnforce=1	Once on, cards will be installed or removed at midnight based on starting_date and expiry_date specified in the card holder screen.
LatestPhotoEnable=1	Enable triggering of photo for latest transaction. Such as valid entry, valid exit, invalid entry, wrong pin, wrong time zone and duress alarm.
RetainOnlineScr=1	Retain transaction on online transaction screen for next launch.
TreeView=0	Show tree view panel at the left side of online transaction screen.
POllDelay=2	PollDelay obsolete – phased out.
polldelaySec=0	Allow less frequent controller polling. This is for situation where only 1 controller is used, and PC polls the controller so fast that card reading becomes a problem for the controller. More for older model of EL1300.
HolidayIgnoreYear=1	Set to 1 means requesting E.WIN to download date of holidays by month and day irrespective of year, to the controllers.

International=0 LanguageFile=chi_gb.txt LanguageID=0	Set international to 1 to enable language display other than English LanguageFile specifies which text file to be read as translated text. LanguageID is meant for controlling text display. 1 for Chinese GB (Mainland China) 2 for Chinese BIG5 (HK & Taiwan) 3 for Malay 4 for Thai User is advised not to edit these settings directly, but set it through the E.Win Preferences screen.
DailyUpdateControllerTime=1	Set to 1 to ask E.WIN to send date/time to all controllers during midnight daily. To have that feature, E.WIN will need to be running 24 hours x 7 days.
AutoPreindex=1	Database / index scanning upon startup
IgnoreInOutCode=1	Allow you to use in reader for both in / out time clocking
OnlineTransparency=225	Set the transparency level of online transaction window. Bigger value means less transparent
LimitedEdition=1	Without license, E.WIN supports up to maximum of 4

	controllers, with full functionalities.
	Once LimitedEdition=1, you will need to make sure the serial port that you specified under [Comm Setting], CommPort=x is actually the one you linked to the EL70Y or EL70T.
	Under LimitedEdition mode, E.WIN does not perform key detection, thus does not scan through serial port one by one to figure out which port is used.
EWTMS=0	When EWTMS set to 1, the TMS module using in E.WIN is the simplest TMS module.
	If you want to integrate E.WIN with Chronos or E.Time Time Management system, EWTMS must set to "0"

EnableAttendAgent=1 Chronos_Link=1 EWTMSDBPath=C:\progra~1\chronos\database\ TimePro_Link=1	Attendance Agent processes attendance on-the-fly, such that you can view attendance report directly after running Chronos. E.WIN can be integrated with either Chronos or E.Time. To integrate E.WIN with Chronos, add the command Chronos_Link=1, and key in the database directory at EWTMSDBPath. In this case, the Chronos database is located at C:\Program Files\Chronos\Database. To integrate E.WIN with E.Time, add the command ET_Link=1 and EWTMSDBPath should point to E.Time database. Please note that for standard installation, E.Win by default has been pre-configured to work with Chronos, therefore, you do not need to set any of these. While for E.Time integration, there is a tool named ET_Link.Exe that will configure all the settings for you. For TimePro link, there is a tool, tp_link.Exe to set all the needed INI settings, when integrated to WinPro.
AutoInsDelImportedCards=1	This command will enable the auto update of employee database in Chronos / E.Time according to the E.WIN card database. This is to prevent any changes made in card database of E.WIN not synchronize to Chronos / E.Time.
EWTMSAllInOut=1	To push all in and out transaction from E.WIN to Chronos / E.Time instead of only first in and last out transaction.
OTPCutOffTime=0700	Allow proper processing of attendance, especially those across midnight.
Web Server	
WebEnabled=1 IPPort=8080	Set to 1 to enable Tiny Web Server, with the condition that you have E.WIN license added with Web Module.

	By default it is off to avoid conflict with IIS or Apache installed on certain PC.
	If you wish to run E.WIN Web Server on other port, just set IPPort to the value you wish, e.g. IPPort=8080
WebExpiredSec=60	To protect user from accidentally forget to logout E.WIN Tiny Web Server, you can set the WebExpiredSec to automatically logout the user. In this case, 60 seconds idling will cause E.WIN to log the user out.
WebControl=1	Enable commands to be issued from the web browser – it is meant for intranet use only as SSL is not enforced.

[Cards]	
ET636CommPort=22 ET636Reader=1	E.WIN supports USB linked ET636 card reader.
	Set ET636CommPort to the comm. port created by USB linked ET636.
	Set ET636Reader=1 to enable ET636 interface.
CustomizedAccess=1	Allow quick issuing of door-based access instead of using the conventional timer/timezone/accessibility when giving access to a card.
SecondCard=1	For condo environment where typically every tenant carries 2 cards, 1 for lift access, the other for long range car park reader.
GridBackColor=DDEEBB GridFontColor=Black	Change to foreground / background color of data grid in the card holder screen.
	The color code is similar to the one used in HTML,
	i.e. RRGGBB $\rightarrow$ Red,Green,Blue components in hex numbers 00..FF.
MIFAREDupCardDB=1	Enable this to redirect MIFARE duplicate cards as 32-bit number internally used by controller.
	A special version of ET636 is required to read and keep the duplicate MIFARE number.
NoExpMark=1	Do not display '*' in name field for expired cards.
CardBasedBits=1	EL2800 only – support turnstile special commands.

AntiPB=1	EL2800 only – turnstile selective anti-passback.
RejectExitCtrl=Lane1,Lane3	EL2800 only – specify which lanes (controller) to block user from exit.
AutoSQLCardImportInterval=5	For 3rd party interface, where 3rd party software can insert new card info directly into a interface table, in which the records will be imported into WinPro automatically.
10Digits=1	EL2800 only – support 10-digit cards.

[ZKFP]	
SingleInst=1	Enforce single socket connection to F8/F18 controllers. Default parallel sockets failed once more than 40 controllers is added.
Enable=1 ;	Enable F8/F18 support, required zkemkeeper.DLL and group of supporting DLL files.
MasterF8=CTRL001	Master unit is the unit where all the finger templates are registered and downloaded to PC. Based on that, the templates are to be installed to the rest of the controllers.
F18Ext=1	F18 Extension, this is required as there is a change in the inner working of F18 models, which caused new units not compatible with old units. The setting is a work around.
Alg10=0	Finger print Algorithm, either 9 or 10. Typically F18 uses 10, and older model F8 uses 9.
FingerORCard=1	Default has no such option, thus if Finger OR card Option is required, set this flag.
EvenUnitAsExit=1	Set this if F8/F18 are used as Entry/Exit reader output Wiegand signal to standard ELID controller.

BlockIfPoll=1	Set the exit reader unit number as even number (e.g. 6), next to unit number used in entry reader (e.g 5). ZK F18 will be blocked from finger registration when PC is polling F18. Therefore, it is advisable to slow down PC polling if the option is in use. This option will prevent unlikely event of missing data.

[Raw Format]	
	This feature exports In/Out raw data automatically to a pre-defined folder based on format specified in this section.
Enable=1	Turn this feature on
Folder=c:\my_raw	Folder specifies which folder to dump the raw files.
Filename=TMS,yymmdd,dat	Specify prefix and format of the daily filename. e.g. TMS20191113.dat

Fields=DAT,FIL,TIM,FIL,STF	Fields – define fields to be exported
	  DAT = date
	  TIM = time
	  STF = Staff Number
	  CRD = Card number
	  LGP = Logical point
	  DEV = Device Name
	  COD = Transaction Code, e.g. [0][9] or [IN][OUT]
	  SPC = 1 space character
	  FIL = dummy field (filler)

Formats=dd/mm/yyyy,_CM,hh:mm:ss,_CM,N	Format – specify what format to be used
	  dd/mm/yyyy = date format
	  hh:mm = time format
	  CM = Comma (,)
	  N = Alphanumeric

Controllers=0100	e.g. 10/11//2019,10:23:00, ACD4434 Specify which controllers to be exported. Byte position 5 with a '1' refers to controller with logical_point #5 seleted.