

## Minimum System Requirements

( Last update 2015/10/01 )

### For ecTA / ecPayroll window based main program

	Server	Work Station
<b>Operating System</b>	MS Windows Server 2003 / 2003R2 / 2008 / 2008R2 / 2012 / 2012R2	MS Windows XP / Vista / 7 / 8 / 8.1 / 10
<b>Pre-installed Software</b>	MS SQL Server 2005 / 2008 / 2008 R2 / 2012 Standard or Express Edition	MS Excel 2002 / 2003 / 2007 / 2010 / 2013
<b>Minimum Hardware Requirement</b>	<ul style="list-style-type: none"> <li>• Intel Core i3 CPU (or same grade)</li> <li>• 2 GB Ram</li> <li>• 50 GB free hard disk space</li> <li>• Standard keyboard &amp; mouse</li> <li>• LAN (Local Area Network)</li> </ul>	<ul style="list-style-type: none"> <li>• Intel Core 2 Duo CPU (or same grade)</li> <li>• 1 GB Ram</li> <li>• 1 GB free hard disk space</li> <li>• Standard keyboard &amp; mouse</li> <li>• VGA display with 1280 x 768 resolution</li> <li>• LAN (Local Area Network)</li> </ul>
<b>Locale</b>	<ul style="list-style-type: none"> <li>• Short Date format : Any 1 of below               <ul style="list-style-type: none"> <li>• d/M/yyyy</li> <li>• dd/MM/yyyy</li> <li>• yyyy/MM/dd</li> <li>• yyyy/M/d</li> <li>• d-M-yyyy</li> <li>• dd-MM-yyyy</li> <li>• yyyy-MM-dd</li> <li>• yyyy-M-d</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Short Date format : Any 1 of below               <ul style="list-style-type: none"> <li>• d/M/yyyy</li> <li>• dd/MM/yyyy</li> <li>• yyyy/MM/dd</li> <li>• yyyy/M/d</li> <li>• d-M-yyyy</li> <li>• dd-MM-yyyy</li> <li>• yyyy-MM-dd</li> <li>• yyyy-M-d</li> </ul> </li> <li>• Language for non-Unicode programs : Traditional Chinese ( For running system in Chinese only)</li> </ul>

### For E-Leave Management Module / Web Module for Retail Shop

	Server	Work Station
<b>Web Server</b>	MS IIS 6.0 / 7.0 / 7.5 / 8.0 / 8.5	---
<b>.Net Framework</b>	4.0 / 4.5	---
<b>Pre-installed Software</b>	MS Excel 2002 / 2003 / 2007 / 2010 / 2013	---
<b>Web browser</b>	---	MS Internet Explorer 6 / 7 / 8 / 9 / 10 / 11
<b>SMTP Server</b> (For <b>E-Leave</b> only)	Available to send out e-mail from web server (with no password protection)	---
<b>Email Address</b> (For <b>E-Leave</b> only)	Pre-defined sender email address	---

### For E-mail related Modules

	Server	Work Station
<b>SMTP Server</b>	Available to send out e-mail without user authentication	---
<b>Email Address</b>	Pre-defined sender email address	---

### For Remote Site(s) connection

	Headquarters (Server)	Remote Site(s)
<b>Network</b> (For <b>E-Leave / Retail Web</b> )	Broadband internet with <b>fixed IP</b> Port forwarding to Web Server in router OR OR <b>VPN</b> (Virtual Private Network) connected	Broadband internet OR <b>VPN</b> (Virtual Private Network) connected
<b>Network</b> (For <b>time clock device</b> )	Broadband internet OR <b>VPN</b> (Virtual Private Network) connected	Broadband internet with <b>fixed IP</b> Port forwarding to device in router OR <b>VPN</b> (Virtual Private Network) connected