



# Softwired iBus InTouch system requirements

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Softwired iBus InTouch [IT] Mobile Device Management system requirements help you understand requirements and recommendations for your iBus InTouch system. Recommendations for RAM and disk space are stated independently from any requirements of the operation system or other applications.

- [iBus InTouch Message Broker](#)
- [iBus InTouch Administrator Console](#)
- [iBus InTouch Database Requirements](#)
- [OMA DM support](#)
- [iBus InTouch Clients](#)

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## Softwired InTouch Message Broker

This setup assumes you are installing your iBus InTouch Message Broker on the same server as the InTouch Executor Service in a TCP/IP network.

The Softwired Bus InTouch Message Broker is designed as a scalable solution for supporting a number of iBus InTouch server-based solutions. It is developed based on the scalable iBus Mobile Platform for the iBus InTouch product. iBus InTouch is an example of a supported solution.

Message Broker is a key component that is bundled with the iBus InTouch product on the product installation image.

### **Recommended Setup for 50 - 2,000 concurrent Client sessions [ \* ]**

|                         |  |
|-------------------------|--|
| <b>Processor</b>        | Any of the following processor types: <ul style="list-style-type: none"><li>• Intel Pentium 4 Processor compatible processors at 2.0 GHz or higher</li><li>• Intel Core Duo, Intel Core Quad, Intel Core 2 Duo or Intel Core 2 Quad compatible processors at 1.8 GHz or higher</li></ul>   |
| <b>Operating System</b> | Any of the following Windows 32-bit operating systems: <ul style="list-style-type: none"><li>• Windows Server 2003 Standard Edition R2</li><li>• Windows Server 2003 Standard Edition with Service Pack 2</li><li>• Windows Server 2003 Standard Edition with Service Pack 1</li><li>• Windows Server 2003 Enterprise Edition R2</li></ul> |



- Windows Server 2003 Enterprise Edition with Service Pack 2
- Windows Server 2003 Enterprise Edition with Service Pack 1

#### **Additional requirements**

- Solaris
- Linux
- Any Java capable OS

**RAM** 2.0 GB or greater

**Database** See iBus InTouch Database Requirements.

**[\*] Component notes** iBus InTouch can support 10,000's to 100,000's concurrent connections but server requirements will vary based on the sizing of the deployment. Please contact Softwired for further details.

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## **iBus InTouch Administrator Console**

This setup assumes you are installing your Administrator Console on a separate PC within the same TCP/IP network.

#### **Recommended Setup**

**Processor** Any of the following processor types:

- Intel Pentium 4 Processor compatible processors at 2.0 GHz or higher
- Intel Core Duo, Intel Core Quad, Intel Core 2 Duo or Intel Core 2 Quad compatible processors at 1.8 GHz or higher

**Operating System** Any of the following Windows 32-bit operating systems:

- Windows Server 2003 Standard Edition R2
- Windows Server 2003 Standard Edition with Service Pack 2
- Windows Server 2003 Standard Edition with Service Pack 1
- Windows Server 2003 Enterprise Edition R2
- Windows Server 2003 Enterprise Edition with Service Pack 2
- Windows Server 2003 Enterprise Edition with Service Pack 1
- Windows Server 2003 Web Edition with Service Pack 1
- Windows XP
- Windows Vista
- Linux



|                   |   |
|-------------------|---|
| <b>RAM</b>        | 512 MB                                  |
| <b>Disk space</b> | 100 MB                                  |
| <b>Database</b>   | See iBus InTouch Database Requirements. |

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## iBus InTouch Database Requirements

iBus InTouch supports the following databases in a production environment:

- Microsoft SQL Server 2005 SP2
  - Microsoft SQL Server 2005 SP1
  - Microsoft SQL Server 2000 SP4
  - Oracle Database 10g Release 2
  - Oracle Database 9i [9.2.0.1.0 Release 2]
  - MySql 5.1
  - Other major database suppliers
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## OMA DM support

iBus InTouch supports the OMA DM specifications via a proxy server on the client, therefore no separate OMA DM server per iBus InTouch installation is required as a part of InTouch.

- Softwired's iBus InTouch Mobile Device management client supports OMA DM standard versions 1.1.2, 1.2, and 1.2.1 when enabled by the OS manufacturer

**Protocol support**      HTTP, HTTPS, TCP, UDP

**Platform features**

- Byte-level differencing
- Groups dynamic
- Monitor, schedule
- Device monitoring
- OTA deployment
- Outbound notification, SMS
- Outbound notification, TCP/IP
- Message Broker
- Remote Configuration [client and application]
- Remote wipe
- SMS Integration

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## iBus InTouch Clients

### **Windows Mobile Professional Client (excluding Windows CE) – Requirements for basic Client**

The iBus InTouch Windows Mobile Professional Client type also includes subtype Windows CE.

|                             |   |
|-----------------------------|---|
| <b>Operating System</b>     | <ul style="list-style-type: none"><li>• Windows Mobile 6.5 Professional</li><li>• Windows Mobile 6.1 Professional</li><li>• Windows Mobile 6.0 Professional</li><li>• Windows Mobile 6.0 Standard</li><li>• Windows Mobile 5.0</li><li>• Windows Mobile 5.0 Phone Edition</li><li>• Windows Mobile 2003</li><li>• Windows Mobile 2003 Phone Edition</li><li>• Windows Mobile 2003 SE</li><li>• Windows Mobile 2003 SE Phone Edition</li></ul> |
| <b>Synchronization</b>      | iBus Mobile 6.8.2   |
|                             | <b>Optional</b> <ul style="list-style-type: none"><li>• ActiveSync 3.8 and later</li><li>• Mobile Device Center 6.1</li></ul>   |
| <b>Protocol support</b>     | HTTP, HTTPS, TCP, UDP   |
| <b>Platform features</b>    | <ul style="list-style-type: none"><li>• Byte-level differencing</li><li>• Groups dynamic</li><li>• Monitor, schedule</li><li>• Device monitoring</li><li>• OTA deployment</li><li>• Outbound notification, SMS</li><li>• Outbound notification, TCP/IP</li><li>• Message Broker</li><li>• Remote Configuration [client and application]</li><li>• Remote wipe</li><li>• SMS Integration</li></ul>   |
| <b>iBus InTouch add-ons</b> | <ul style="list-style-type: none"><li>• SMS to JMS</li><li>• Email to JMS</li></ul>   |



## **Windows CE (Windows Mobile Professional Client subtype) – Requirements for basic Client**

This device type is a subset of the iBus InTouch Windows Mobile Professional Client type.

|                          |   |
|--------------------------|---|
| <b>Processor</b>         | ARM Thumb, XScale, StrongARM  |
| <b>Operating System</b>  | <ul style="list-style-type: none"><li>• Windows CE 4.0</li><li>• Windows CE 4.1</li><li>• Windows CE 4.2</li><li>• Windows CE 5.0</li></ul>   |
| <b>Synchronization</b>   | iBus Mobile 6.8.2   |
|                          | <b>Optional</b> <ul style="list-style-type: none"><li>• ActiveSync 3.8 and later</li><li>• Mobile Device Center 6.1</li></ul>   |
| <b>Protocol support</b>  | HTTP, HTTPS, TCP, UDP   |
| <b>Platform features</b> | <ul style="list-style-type: none"><li>• Byte-level differencing (Clients with StrongArm processors)</li><li>• Groups dynamic</li><li>• Monitor, schedule</li><li>• Device monitoring</li><li>• OTA deployment</li><li>• Outbound notification, SMS</li><li>• Outbound notification, TCP/IP</li><li>• Message Broker</li><li>• Remote Configuration [client and application]</li><li>• Remote wipe</li><li>• SMS Integration</li></ul> |

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**Android Operating System 1.0 and 1.5 support as above**