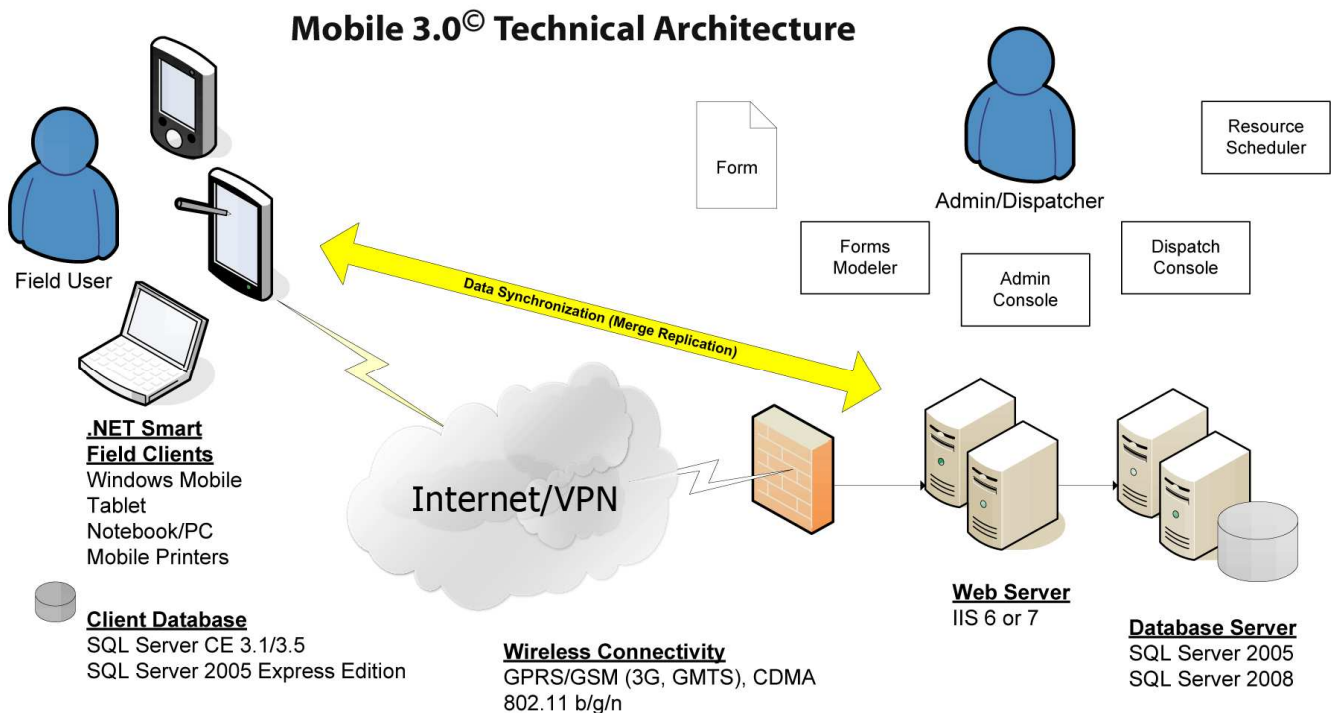


Introduction

The Mobile 3.0[©] solution platform consists of the following main components:



The technical requirements to successfully deploy Mobile 3.0[©] depend on your choice of field device(s), the number of field users who will be replicating data with the back-end server(s), and the location of your administrative console users in relation to the database server.

Since an abundance of new operating systems have been released lately, ASURiO is providing you with a list of operating systems that DO NOT support ASURiO software:

- Mac OS
- Windows Phone
- Versions of Windows prior to XP (3.1, 95, 98, ME, etc.) and all 64-bit versions of Windows
- Linux
- Android
- Symbian (Nokia)
- iOS (iPhone/iPad)
- Blackberry OS
- webOS (Palm, recently purchased by HP)

Field Device Options and Requirements

Option 1: Windows Mobile Field Devices

Hardware Requirements (e.g., Motorola/Symbol, Intermec, Honeywell, Psion, TekLogix, Opticon, DataLogix, etc.)

OS	Windows Mobile 5 or later device with touch-screen.
Processor Family	ARM-compatible CPU (recommend XScale 400MHz or better)
Program Memory	64MB or better recommended
Storage Memory	64MB or better recommended
Storage Card	Fast Storage Card (e.g., Sandisk Ultra) 1-2GB in size is required
Power	Extended Life Battery recommended
Other	GPS requires either an integrated GPS receiver or a Bluetooth-connected GPS device (recommended). GPS receivers with the SIRFStar III chipset recommended. Barcode scanning requires integrated or Bluetooth-connected scanner/imager. Photos of deficiencies require integrated camera or 2-D imager. Field printing supports print to PDF or print to Bluetooth-enabled printer, such as Pentax PocketJet, HP, Epson, Canon, MTE, etc.

Software Requirements (e.g., Motorola/Symbol, Intermec, Honeywell, Psion, TekLogix, Opticon, DataLogix, etc.)

1. Microsoft .NET Compact Framework 2.0 SP2
2. Microsoft SQL Server 2005 Compact Edition 3.1
3. Microsoft SQL Server Compact Edition Client Tools for Replication
4. **Mobile 3.0[©]** Application

Option 2: Windows Tablet PC or Laptop/Notebook Computer

Hardware Requirements (e.g., Panasonic Toughbook, Motion Computing, xTablet, XPlore Technologies, Notebooks in Otterbox enclosure, etc.) *Some software/hardware combinations may not be available. Please call for details.

OS	Windows XP Service Pack 2 or 3
Processor Family	32-bit x86 at 2GHz or better
Memory	1GB RAM or better
Disk Space	6GB Disk Space
Touch Screen/Signature Pad	Required for signature capture only
Barcode Scanner	

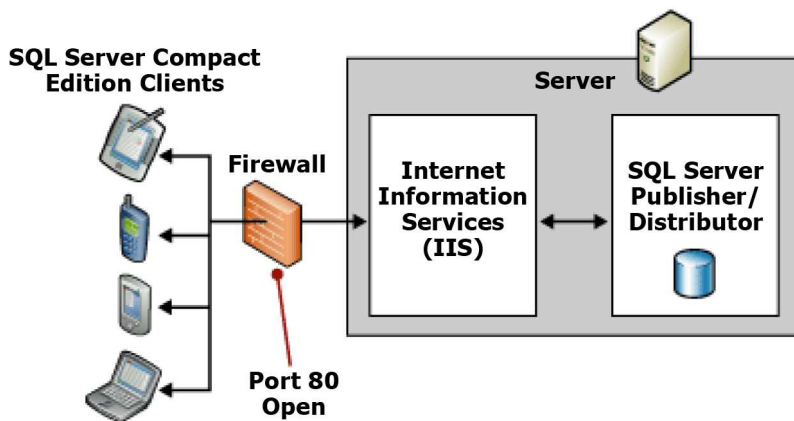
Software Requirements

1. Microsoft .NET Framework 3.5
2. *Mobile 3.0*[©] Application

Server-Side Requirements

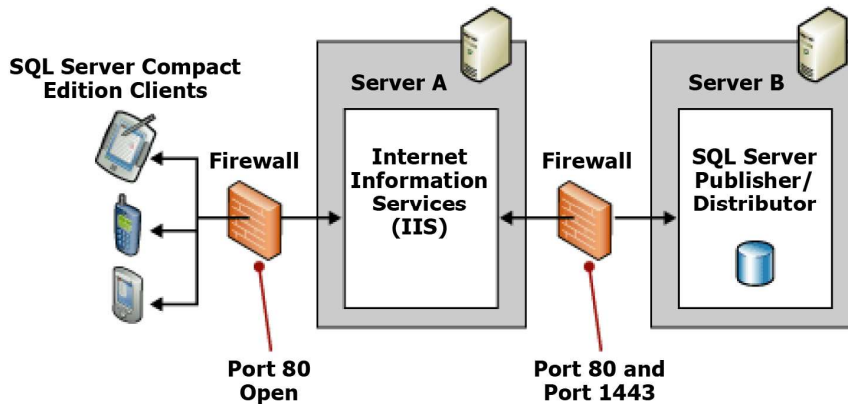
Based on the number of field users who will be replicating data with the servers, the following configurations are recommended:

Option 1: Single Server (Approximately 50 Field Devices)



- Operating System: 32-bit Windows Server 2003 or 32-bit Windows Server 2003 Small Business Edition
- Web Server: Internet Information Server (IIS) 6 or 7
- Database Server: SQL Server 2005 Standard Edition or later
- .NET Framework 2.0 Service Pack 1 or later
- SQL Server 2005 Compact Edition Server Tools for Replication
- CPU: Minimum Dual Core 2GHz or better; Quad Core Xeon recommended
- Memory: Minimum 2GB RAM; 4GB RAM recommended
- Disk: 1 physical disk for IIS and the Windows OS, 1 physical disk for SQL Server Data, 1 physical disk for SQL Server log files. Fast SAS disks of at least 72GB recommended

Option 2: Separate IIS and Database Servers (Approximately 250 Field Devices)



IIS Server

- Operating System: 32-bit Windows Server 2003 or 32-bit Windows Server 2003 Small Business Edition
- Web Server: Internet Information Server (IIS) 6 or 7
- .NET Framework 2.0 Service Pack 1 or later
- SQL Server 2005 Compact Edition Server Tools for Replication
- SQL Server 2005 Client Tools
- CPU: Minimum Dual Core 2GHz or better; Quad Core Xeon recommended
- Memory: Minimum 2GB RAM; 4GB RAM recommended
- Disk: 1 physical disk for the Windows OS, 1 physical disk for IIS Virtual Directories. Fast SAS disks of at least 72GB recommended

Database Server

- Operating System: 32-bit Windows Server 2003 or 32-bit Windows Server 2003 Small Business Edition
- Database Server: SQL Server 2005 Standard Edition or better
- .NET Framework 2.0 Service Pack 1 or later
- CPU: Minimum Dual Core 2GHz or better; Quad Core Xeon recommended
- Memory: 4GB RAM
- Disk: 1 physical disk for the Windows OS, 1 physical disk for SQL Server Data, 1 physical disk for SQL Server log files. Fast SAS disks of at least 72GB at 10,000 to 15,000 RPM recommended

Option 3: Enterprise Technology (250 to 10,000 Field Devices)

Contact ASURiO Technical Support Center for assistance in designing an enterprise deployment topology that fits your enterprise infrastructure.

Remote Access to Mobile 3.0[©] Administrative/Dispatch Console

The Mobile 3.0[©] Administrative/Dispatch Console is a Microsoft .NET Windows Forms application that runs best when on the same network with the database server. In a LAN environment, this console may be installed on any Windows Desktop PC in your infrastructure that is on the same network as your database servers.

The requirements for these Windows Desktop PCs are identical to the requirements for

“Option 2: Windows Tablet PC or Laptop/Notebook Computer” described previously in this document.

In a situation where your administrators or dispatchers are located remotely, such as spread across district or branch offices, we recommend the use of Terminal Services or other remote access products such as Citrix to expose the console to these users. The requirements for a terminal server that can serve up to 50 console users are as follows:

- Operating System: 32-bit Windows Server 2003 or 32-bit Windows Server 2003 Small Business Edition configured as a Terminal Server
- .NET Framework 2.0 Service Pack 1 or later
- CPU: Minimum Dual Core 2GHz or better; Quad Core Xeon recommended
- Memory: 4GB RAM recommended
- Disk: 1 physical disk for the Windows OS, 1 or more physical disks for user data and rendered reports. Fast SAS disks of at least 72GB recommended
- Terminal Server Client Access Licenses (1 per admin console user)
- Ability to authenticate a terminal server user from the terminal server to the database server using Windows Integrated Authentication
- Microsoft InfoPath 2007 for report rendering
- Microsoft Excel 2007 for Firepump Graphing
- Adobe Acrobat or other PDF writer for rendering reports to PDF format