

Abila MIP Mobile



System Requirements

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System Requirements: Abila MIP Mobile

Summary

The following list summarizes the prerequisites for installing the mobile web site. For more information, see the detailed sections of this document.

- The mobile app runs on Android (V2.3 or later) or iOS (V5 or later) devices, including smart phones and tablets.
- You must have Abila MIP, Version 2013.4 or later. The server where Abila MIP is installed must be accessible from the location where you plan to install the Abila MIP Mobile web site.
- The server where you install the web site must run Windows 2008 R2 or Windows 2012, Standard Edition or greater.
- The server where you install the web site must have internet access enabled, and must allow external access to the site through the firewall on port 443.
- The server that hosts the Abila MIP Mobile web site must have the Microsoft .NET framework, Version 4.5, Full Profile. (The installation wizard will prompt you to install .NET 4.5 if it is not installed.)
- You must have a registered domain or subdomain name (URL) to use for the mobile web site. The domain or subdomain name must have a DNS record that resolves to the external IP address of the server where you install the site.
- The server where you install the web site must not be behind a proxy server or load balancer, since that configuration interferes with the installer's ability to verify the DNS registration of the URL.
- The web site must be a secure site (https). You must have a valid security certificate (SSL) from a trusted Certification Authority (CA). You might be able to share a certificate if your primary domain uses a wildcard SSL certificate (*.myname.com). See [Domain Requirements](#) for more information.

Note: Installing the mobile web site requires knowledge of the Microsoft IIS server, domain name services (DNS) registration, and web server security (SSL certificates). In general, the installation should be performed by a system administrator or web site administrator.

Supported Devices

The mobile app can be installed on mobile devices with the following operating systems. Recommended versions might provide a better user experience.

Operating System	Minimum Version	Recommended Version
Android	Version 2.3	Version 4 or later
iOS (iPhone or iPad)	Version 5	Version 6

Abila MIP Server Requirements

The Abila MIP Mobile requires the following configuration for the Abila MIP server.

Requirement	Description
Version	Abila MIP. Version 2013.4 is required for use with the mobile app.
Installation	The Abila MIP database must be accessible to the web site you install for use with the mobile app. See " Web Server Installation Requirements " (page 5) for more information.
Modules	<ul style="list-style-type: none"> The Requisitions feature in the mobile app requires that you have licensed and installed the Electronic Requisitions module. Only active Electronic Requisitions users will be able to use this feature. The Encumbrances module is required to see Encumbrances values in the Available Budget Balances feature.

Web Server Installation Requirements

To connect the mobile app to the Abila MIP server, you must install a web site on-premises. The following sections detail the requirements for the web site installation.

Server Requirements - IIS Components

The following tables show the hardware and software requirements for the Abila MIP Mobile web (IIS) server.

Hardware Requirements

Component	Minimum Requirements
Processor (CPU)	2.0 GHz or faster. Dual Core or greater is preferred. Note: Itanium processor not supported.
Memory (RAM)	2 GB minimum
Network Components	100 MB Network card
Media	Access to the Abila Customer Support Center

Software Requirements

Component	Supported Configuration
Windows Operating System	One of the following: <ul style="list-style-type: none"> Windows Server 2008 R2, Standard edition or greater Windows Server 2012, Standard edition or greater The operating system must be up to date (latest service pack installed).
.NET Framework	Microsoft .NET framework, Version 4.5, Full Profile. (The installation wizard will prompt you to install .NET 4.5 if it is not installed.)
Internet Information Services (IIS)	IIS 7.5 or higher (The installation wizard will prompt you to install IIS 7.5 if it is not already installed.)

Domain Requirements

Before you can install and run the web site for the mobile app, you must obtain a domain or subdomain name (URL) and security certificate (SSL) for the site.

Important! The IP address registered for the domain name of the mobile web site must resolve to the external IP address of the server where you install the site. You must also install the SSL certificate on the server before you run the installation wizard for the mobile web site.

Item	Description
Server Access	<p>The installation wizard verifies the DNS entry for the web site and that the web site is publicly accessible. To accomplish those tasks, the server must be configured as follows:</p> <ul style="list-style-type: none"> • Internet access to the server must be enabled. • Port 443 must be mapped to Local Host Machine at the Firewall level. You can use a Network Address Translation (NAT) relationship for this mapping. • The server must not be configured behind a load balancer or proxy server, which interferes with the ability of the installer to verify the DNS registration of the web site. <p>Example: If the LAN IP address is 10.170.168.78, and the external IP address is 64.88.170.43, a NAT relationship must exist for those IP addresses.</p>
Web address (URL)	You must have a valid, registered domain name (URL) for the mobile site.
Security Certificate	<ul style="list-style-type: none"> • You must obtain a valid security certificate (SSL) for the mobile web site. • You might be able to share a certificate if your organization uses a wildcard SSL certificate (*.myname.com), or you can obtain a new certificate from a Certification Authority (CA). • The security certificate must be installed on the server you plan to use for the mobile web site before you install the mobile web site. The installation wizard attempts to bind the installed web site to the

Item	Description
	<ul style="list-style-type: none">• certificate.• The name of the certificate must comply with the following guidelines:<ul style="list-style-type: none">• The certificate name must exactly match the registered domain or subdomain name for the mobile web site.• If you use a wildcard certificate (*.mydomain.com), the certificate name must match the parent domain name.• The certificate cannot be expired. Make sure to remove any expired certificates for the domain before installing the mobile web site.

