



Tungsten AP Agility Technical Specifications

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TUNGSTEN
AUTOMATION

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Document revision history

Date	Revision	Description
15 December, 2024	1.0	Initial Version released with Tungsten AP Agility 2025.1.
26 February, 2025	1.1	Added support for additional Microsoft SQL Server version.

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Preface

Tungsten AP Agility is a solution built on the Tungsten TotalAgility platform. The technical specifications in this document are specific to Tungsten AP Agility 2025.1.

Tungsten AP Agility 2025.1 requires at least Tungsten TotalAgility version 7.10.0.12, or 7.11.0.5, 8.0.0.0, or 8.1.0.0. As a result, it is recommended to read the Tungsten TotalAgility Technical Specifications as well.

Analytics for Tungsten AP Agility is provided alongside Tungsten AP Agility 2025.1. This is a separate download and is built on Tungsten Automation Insight 6.5. Refer to the Tungsten Automation Insight 6.5 Technical Specifications for more information.

Chapter 1


System architecture

Tungsten AP Agility uses the same system architecture as Tungsten TotalAgility. For more information, refer to the Tungsten TotalAgility Technical Specifications.

Chapter 2

Product requirements

Tungsten AP Agility has the following requirements.

Specification	Description
Hardware	<p>Tungsten AP Agility does not require specific hardware. The hardware specifications of the corresponding Tungsten TotalAgility platform apply.</p> <p>Tungsten Insight database server (required if setting up Analytics for Tungsten AP Agility 2025.1):</p> <ul style="list-style-type: none">• Production system of 8 CPU + 32 GB RAM• QA and Dev: Basic 4 CPU +16 GB RAM <p>Disk space requirements for Tungsten Insight database server:</p> <ul style="list-style-type: none">• 1 GB per 100,000 invoices. <p>Tungsten Insight databases can be co-located on any other server as long as the recommended resources are available at all times.</p>
Screen Resolution	<p>It is recommended that Validation activity users are provided with 2 screens, one for displaying the fields and one for displaying the document.</p> <p>The screen for the fields requires a minimum resolution of 1280x800 pixels (WXGA)</p>
Accessibility	<p>Tungsten AP Agility does not require a specific bandwidth. The bandwidth requirements of the corresponding Tungsten TotalAgility platform apply.</p>
Browser	<p>Supported browsers:</p> <ul style="list-style-type: none">• Microsoft Edge 79 or later• Google Chrome 76 or later• Mozilla Firefox 71 or later <div><p> The PIX Correction activity user interface is not supported by Microsoft Edge, only in Chrome and Firefox.</p></div>
Client Operating Systems	<p>See the Tungsten TotalAgility Technical Specifications</p>
Server Operating Systems	<p>See the Tungsten TotalAgility Technical Specifications</p>
Web Servers/Web Application Servers	<p>Microsoft IIS 8.0 or higher</p>

Specification	Description
DBMS	<p>For Tungsten AP Agility configuration and master data:</p> <ul style="list-style-type: none"> • Microsoft SQL Server 2016, 2017, 2019, and 2022 • Microsoft Azure SQL • Amazon RDS SQL Server <p>Document Export to database using OLEDB is supported for:</p> <ul style="list-style-type: none"> • Microsoft SQL Server 2016, 2017, and 2019 • Oracle 11 and Oracle 12
Required 3rd Party Technologies	<p>Microsoft Visual C++ 2019 Redistributable x86 or later. SAP (needed if integration with SAP is required only)*</p> <ul style="list-style-type: none"> • SAP Connector for Microsoft .NET 3.0.18.0 for Windows 64-bit (x64) - Compiled with .NET Framework 4.0 <p>* Not supported when Tungsten TotalAgility/Tungsten AP Agility is hosted on Microsoft Azure (aka "AP Agility Cloud") or in Tungsten TotalAgility OPMT.</p>
Compatible 3rd Party Technologies	<p>SAP</p> <ul style="list-style-type: none"> • SAP ECC 6.0 or higher (Unicode variants only)* • SAP S/4HANA Cloud ES (requires the installation of the Tungsten AP Agility ERP Connector for S/4HANA Cloud ES) • SAP S/4HANA Cloud EX or SAP S/4HANA On-Premise (requires the installation of the Tungsten AP Agility ERP Connector for SAP S/4HANA Cloud EX or SAP S/4HANA On-Premise) <p>Oracle</p> <ul style="list-style-type: none"> • Oracle EBS* (only in conjunction with MarkView, and therefore the Oracle EBS versions that are supported by Tungsten Automation MarkView. See "Compatible Tungsten Automation Software"). • Oracle Financials Cloud (requires the installation of the Tungsten AP Agility ERP Connector for Oracle Financials Cloud). <p>Oracle PeopleSoft</p> <ul style="list-style-type: none"> • Oracle PeopleSoft 9.2 or higher (requires the installation of the Tungsten AP Agility ERP Connector for PeopleSoft) <p>* Not supported when Tungsten TotalAgility/Tungsten AP Agility are hosted on Microsoft Azure (aka "AP Agility Cloud") or in Tungsten TotalAgility OPMT.</p>
Required Tungsten Automation Software	<p>Tungsten TotalAgility 7.10.0.12 or higher Tungsten TotalAgility 7.11.0.5 or higher. Tungsten TotalAgility 8.0.0.0 or higher* Tungsten TotalAgility 8.1.0.0 or higher Analytics for Tungsten AP Agility 2025.1 requires Tungsten Insight 6.5.0 or higher * To process Portuguese invoices with QR codes you need Tungsten TotalAgility 8.0.0.0 or higher</p>

Specification	Description										
Compatible Tungsten Automation Software	<p>ReadSoft Process Director 7.8 or higher*</p> <p>Tungsten Automation MarkView for Oracle EBS 10.4 or higher* (MarkView 9.1.0.0.FIX8626 is always required for Tungsten AP Agility no matter which version of MarkView you are using.</p> <p>Tungsten Automation Invoice Portal</p> <p>* Not supported when Tungsten TotalAgility/Tungsten AP Agility is hosted on Microsoft Azure (aka "AP Agility Cloud") or in Tungsten TotalAgility OPMT.</p>										
Languages supported for the user interface and help	English, French, German, Spanish and Portuguese.										
Languages supported for invoices	<p>Arabic*, Bulgarian, Simplified Chinese (VAT forms only), Czech, English, Estonian, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai and Turkish.</p> <p>* Invoices in the Arabic language are supported with the following exceptions:</p> <ul style="list-style-type: none">• Eastern Arabic numbers are not supported. <table><tr><td>•</td><td>١</td><td>٢</td><td>٣</td><td>٤</td><td>٥</td><td>٦</td><td>٧</td><td>٨</td><td>٩</td></tr></table> <ul style="list-style-type: none">• Non-amount header fields may require additional keywords or online learning to improve accuracy.	•	١	٢	٣	٤	٥	٦	٧	٨	٩
•	١	٢	٣	٤	٥	٦	٧	٨	٩		
Supported Countries	Australia, Austria, Belgium, Brazil, Bulgaria, Canada, Chile, China, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, India, Ireland, Italy, Japan, Korea, Latvia, Lithuania, Mexico, Netherlands, Norway, Poland, Portugal, Russia, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Thailand, Turkey, UAE, UK, and USA.										
File types supported for invoices	<p>JPG, TIFF, PDF, and PNG</p> <ul style="list-style-type: none">• All subtypes of these that Tungsten TotalAgility supports are also supported by Tungsten AP Agility <p>XML (through PIX)</p> <p>Various electronic formats through Tungsten Automation Invoice Portal</p>										