



Tungsten Capture Technical Specifications

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TUNGSTEN
AUTOMATION

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Document revision history

Date	Description
December 2024	Initial version
March 2025	Added support for Microsoft Windows Server 2025 Standard, Datacenter

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Introduction

Tungsten Capture automates and accelerates business processes by capturing all types of paper and electronic documents or forms, and transforming them into accurate and actionable information that is delivered to core business applications, processes and workflows.

The technical specifications in this document are specific to Tungsten Capture 11.2.0. To support your Tungsten Capture system, verify that the requirements listed in this document are met, including the amount of memory and disk space. These requirements apply specifically to Tungsten Capture and do not include any amount of memory or disk space required for the operating system, environment, or other software that may be running on the same server or workstation.

Product requirements

Specification	Description
Client Operating Systems	<ul style="list-style-type: none"> • Microsoft Windows 11 Enterprise, Professional • Microsoft Windows 10 Enterprise, Professional
Server Operating Systems	<ul style="list-style-type: none"> • Microsoft Windows Server 2025 Standard, Datacenter • Microsoft Windows Server 2022 Standard, Datacenter • Microsoft Windows Server 2019 Standard, Datacenter • Microsoft Windows Server 2016 Standard, Datacenter
Web Application Servers	<p>Microsoft Internet Information Services (IIS):</p> <ul style="list-style-type: none"> • IIS 10 <p>IBM WebSphere:</p> <ul style="list-style-type: none"> • WebSphere 9.0.x - Solaris, Windows • WebSphere 8.5.x - Solaris, Windows

Specification	Description
DBMS	<p>Microsoft SQL Server:</p> <ul style="list-style-type: none"> • SQL Server 2022 Express, Standard, Enterprise • SQL Server 2019 Express, Standard, Enterprise • SQL Server 2017 Express, Standard, Enterprise • SQL Server 2016 Express, Standard, Enterprise <p>Oracle:</p> <ul style="list-style-type: none"> • Oracle Database 23c - Windows, IBM AIX, HP-UX, Solaris, and Linux • Oracle Database 21c - Windows, IBM AIX, HP-UX, Solaris, and Linux • Oracle Database 19c - Windows, IBM AIX, HP-UX, Solaris, and Linux • Oracle Database 18c - Windows, IBM AIX, HP-UX, Solaris, and Linux <p>IBM DB2:</p> <ul style="list-style-type: none"> • DB2 11.5 - Windows, IBM AIX, HP-UX, and Linux • DB2 11.1 - Windows, IBM AIX, HP-UX, and Linux • DB2 10.5 - Windows, IBM AIX, HP-UX, and Linux
Required Third-Party Technologies	<p>Microsoft .NET Framework:</p> <ul style="list-style-type: none"> • Microsoft .NET Framework 4.8 (Required) <p>Other Requirements:</p> <ul style="list-style-type: none"> • Microsoft Visual C++ 2022 (32-bit) • Microsoft Visual C++ 2019 (32-bit) • Microsoft Visual C++ 2017 (32-bit)

Specification	Description
	<ul style="list-style-type: none"> • Microsoft Visual C++ 2015 (32-bit) • Visual Basic 6.0 Runtime Redistribution Pack, Service Pack 6 (only required if customizations are present) • Media Feature Pack (only required if using Windows N editions)
Compatible Third-Party Technologies	<p>Virtualization:</p> <ul style="list-style-type: none"> • See the Tungsten Automation Support Statement on Virtual Computing. <p>High Availability:</p> <ul style="list-style-type: none"> • IBM PowerHA 7.2 • Microsoft Cluster Services • Microsoft SQL Server Always On • Oracle Clusterware • Oracle Real Application Clusters • Veritas Storage Foundation 6.x HA for Windows • Veritas Storage Foundation 5.1 HA for Windows <p>Security and Protocols:</p> <ul style="list-style-type: none"> • IP Version 6 • IP Version 4 • IPSEC • Encrypted File System • HTTPS • HTTP/2 • Transparent Data Encryption (TDE) • BitLocker Drive Encryption • SMB 3.x • Transport Security Layer (TLS) 1.3 • Transport Security Layer (TLS) 1.2 <p>Customizations: Export/ Import/ Custom Modules/ OCX Panels:</p> <ul style="list-style-type: none"> • Visual Basic .NET version 2022 • Visual Basic .NET version 2019 • Visual Basic .NET version 2017 • Visual Basic .NET version 2015 • Visual C# .NET version 2022 • Visual C# .NET version 2019 • Visual C# .NET version 2017 • Visual C# .NET version 2015
	<p>Validation and Recognition Scripts:</p> <ul style="list-style-type: none"> • Visual Basic .NET 2022 • Visual Basic .NET 2019 • Visual Basic .NET 2017 • Visual Basic .NET 2015

Specification	Description
	<ul style="list-style-type: none"> • Visual C# .NET version 2022 • Visual C# .NET version 2019 • Visual C# .NET version 2017 • Visual C# .NET version 2015
Tungsten Automation Export Connectors	See the Export Connector Product Documentation page.
Compatible Tungsten Automation Software	<p>Tungsten Transformation:</p> <ul style="list-style-type: none"> • Tungsten Transformation 7.1.x • Tungsten Transformation 7.0.x <p>Tungsten Monitor:</p> <ul style="list-style-type: none"> • Tungsten Monitor 8.3 • Tungsten Monitor 8.2 • Tungsten Monitor 8.1 <p>Tungsten VRS:</p> <ul style="list-style-type: none"> • Tungsten VRS 5.3.0 • Tungsten VRS 5.2.0 <p>Tungsten Front Office Server</p> <ul style="list-style-type: none"> • Tungsten Front Office Server 4.3.x <p>Tungsten Import Connectors:</p> <ul style="list-style-type: none"> • Tungsten Import Connector 2.x (Version 2.9 or higher) <p>Tungsten Automation Communication Server:</p> <ul style="list-style-type: none"> • Tungsten Automation Communication Server 10.5 • Tungsten Automation Communication Server 10.4 <p>Tungsten MarkView:</p> <ul style="list-style-type: none"> • Tungsten MarkView 10.x for Oracle (version 10.2 or higher) <p>Tungsten Mobile Capture:</p> <ul style="list-style-type: none"> • Tungsten Mobile Capture 3.7 <p>Tungsten Analytics for Capture:</p> <ul style="list-style-type: none"> • Tungsten Analytics for Capture 2.1.x
Languages supported	<p>The following Tungsten Capture language packs are available:</p> <ul style="list-style-type: none"> • English • German • Portuguese (Brazil) • Spanish • Italian • French • Japanese • Chinese (simplified) • Polish

Specification	Description
	<ul style="list-style-type: none"><li data-bbox="618 331 740 359">• Russian<li data-bbox="618 365 716 392">• Czech<li data-bbox="618 399 740 426">• Swedish

Hardware requirements

Server requirements

This section lists the requirements for installing Tungsten Capture on a server.

We recommend that you use a dedicated server for Tungsten Capture. In particular, we strongly recommend that you do not use the server computer for scanning or importing documents. Recommended requirements for a Tungsten Capture server system are purposely not listed here, as each implementation varies in capacity, load and processing. We do recommend that you try your Tungsten Capture processing workload in a test environment before moving it into production.

Minimum hardware requirements for a server

Processor:	2.0 GHz Quad Core
System memory:	4 GB or more
Disk space:	7.0 GB if CaptureSV is stored on the installation server 6.8 GB if CaptureSV is stored elsewhere
Display:	1280 x 1024 with 16-bit color, small fonts; 24-bit color is recommended for the best viewing of online Help
USB port:	Tungsten Capture hardware key (for hardware-based licensing)
NIC:	100Mbps

Client and standalone system requirements

This section lists the requirements for installing Tungsten Capture on a client workstation and a standalone system.

Minimum hardware requirements for a client workstation

Processor:	2.0 GHz Dual Core
System memory:	2 GB or more
Disk space:	4.0 GB on the local installation drive, plus 300 MB available where your operating system is installed, for installation files, temporary files, and working space during processing
Display:	1280 x 1024 with 16-bit color, small fonts
USB port:	Enhanced Bar Code Engine hardware key (optional)

NIC	100Mbps
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Recommended hardware requirements for a client workstation

Processor:	2.0 GHz Dual Core For scan stations: 2.0 GHz Quad Core
System memory:	4 GB or more
Disk space:	6.0 GB on the local installation drive, plus 300 MB or more available on your local drive or where your operating system is installed, for installation files, temporary files, and working space during processing
Display:	1280 x 1024 with 24-bit color, small fonts; 24-bit color is recommended for the best viewing of online Help
NIC:	1Gbps

Minimum hardware requirements for a standalone system

Processor:	2.0 GHz Dual Core
System memory:	2 GB or more
Disk space:	Standard database: 7 GB or more on the local installation drive, plus 300 MB or more available on your local drive or where your operating system is installed for installation files, temporary files, and working space during processing Other DBMS: 4 GB or more on the local installation drive, plus 300 MB or more available on your local drive or where your operating system is installed for installation files, temporary files, and working space during processing
Display:	1280 x 1024 with 16-bit color, small fonts; 24-bit color is recommended for the best viewing of online Help
NIC:	100Mbps

Recommended hardware requirements for a standalone system

Processor:	2.0 GHz Quad Core
System memory:	4 GB or more
Disk space:	Standard database: 14 GB or more on the local installation drive, plus 300 MB or more available on your local drive or where your operating system is installed for installation files, temporary files, and working space during processing Other DBMS: 8 GB or more on the local installation drive, plus 300 MB or more available on your local drive or where your operating system is installed for installation files, temporary files, and working space during processing

Display:	1280 x 1024 with 16-bit color, small fonts; 24-bit color is recommended for the best viewing of online Help
NIC	1Gbps