

Kofax TotalAgility Technical Specifications

Version: 8.0.0

Date: 2024-08-14

TUNGSTEN
AUTOMATION
FORMERLY KOFAX

© 2024 Tungsten Automation. All rights reserved.

Tungsten and Tungsten Automation are trademarks of Tungsten Automation Corporation, registered in the U.S. and/or other countries. All other trademarks are the property of their respective owners. No part of this publication may be reproduced, stored, or transmitted in any form without the prior written permission of Tungsten Automation.

Table of Contents

| | |
|--|----|
| Document revision history..... | 4 |
| Preface..... | 5 |
| Product requirements..... | 6 |
| System architecture..... | 6 |
| Process Orchestration server..... | 6 |
| Capture Clients (Browser UI)..... | 6 |
| Transformation Server..... | 7 |
| Transformation Designer..... | 7 |
| Kofax Capture/Kofax Transformation Modules Converter..... | 8 |
| Basic/Mobile forms..... | 9 |
| Capture forms..... | 9 |
| Web Capture Control..... | 10 |
| Designer..... | 10 |
| TotalAgility..... | 11 |
| Web Capture Service (TotalAgility Web Scan) Multiuser support..... | 12 |

Document revision history

| Date | Revision | Description |
|------------------|----------|---|
| February 8, 2024 | 1.0 | Initial version |
| August 14, 2024 | 2.0 | Included details about the requirement of the AVX2 instruction set extension. |

Preface

Kofax TotalAgility is an intelligent automation platform that transforms and simplifies critical business interactions. Use TotalAgility to design, develop, and deploy continually improving business processes that result in better customer engagement, more effective process execution, and increased business agility.

TotalAgility provides multichannel information capture, business process management and adaptive case management and mobile capabilities in a single, integrated product offering.

This document provides technical specifications for the TotalAgility product.

Product requirements

This chapter describes the requirements for Kofax TotalAgility.


System architecture

Refer to the *Kofax TotalAgility Architecture Guide*.

Process Orchestration server

| Specification | Description |
|--------------------------|--|
| Server Operating Systems | Windows Server 2016 and higher |
| 3rd Party requirements | <ul style="list-style-type: none">• Microsoft .NET Framework 4.8• ASP.NET• Internet Information Services (IIS) |

Capture Clients (Browser UI)

| Specification | Description |
|-------------------|---|
| Operating Systems | <ul style="list-style-type: none">• Windows 11• Windows 10 <p>Web Capture Service Scanning requires non-touch enabled device.</p> <p> For operating systems using the Modern Lifecycle Policy, Kofax only supports versions supported by Microsoft.</p> |

Transformation Server

| Specification | Description |
|---|--|
| Server Operating Systems | Windows Server 2016 and higher |
| Required 3rd Party technologies | <ul style="list-style-type: none"> • Microsoft .NET Framework 4.8 • Visual Studio vc++ redistributables <ul style="list-style-type: none"> • vcredist_2019_x86 • vcredist_2019_x64 <p>i Visual Studio vc++ redistributables are automatically installed if not available on the machine.</p> <ul style="list-style-type: none"> • AVX2 support The "Key-Value Pairs Locator" in Transformation Server, Transformation Designer, and Quick Capture requires that CPUs must support the AVX2 instruction set extension (most CPUs since 2013 support this extension). |
| Databases (for extraction and database lookups) | <ul style="list-style-type: none"> • SQL Server 2014 with SP3 or higher • SQL Server 2016 with SP3 or higher • SQL Server 2017 • SQL Server 2019 • SQL Server 2022 • Oracle 19c • Oracle 21c |

Transformation Designer

i Kofax Transformation Modules and Transformation Designer cannot be installed on the same machine.

| Specification | Description |
|---|---|
| Operating Systems | <ul style="list-style-type: none"> Windows 10 (64-bit) Windows 11 (64-bit) Windows Server 2016 and higher |
| Required 3rd Party technologies | <ul style="list-style-type: none"> Microsoft .NET Framework 4.8 Visual Studio vc++ redistributables for VS2019 <ul style="list-style-type: none"> vc redistrib_2019_x86 DirectX 9.0c (used by the benchmark viewer) <div style="border: 1px solid #add8e6; padding: 5px; margin: 5px 0;"> <p>i Visual Studio vc++ redistributables and DirectX 9.0c are automatically installed if not available on the machine.</p> </div> AVX2 support The AVX2 instruction set extension is required for the "Key-Value Pairs Locator" to function in Transformation Designer. |
| Databases (for extraction and database lookups) | <ul style="list-style-type: none"> SQL Server 2014 with SP3 or higher SQL Server 2016 with SP3 or higher SQL Server 2017 SQL Server 2019 SQL Server 2022 Oracle 19c Oracle 21c |

Kofax Capture/Kofax Transformation Modules Converter

| Specification | Description |
|---------------------------------------|---|
| Compatible Kofax Software | <ul style="list-style-type: none"> Kofax Capture 11.1 Kofax Transformation Modules 7.0 |
| Coexistence with other Kofax products | Kofax Transformation Modules and the Transformation components of Kofax RPA (Thin Client Server, Document Transformation Server, Project Builder) cannot be installed on the same machine as the Transformation components of Kofax TotalAgility (Transformation Server, Transformation Designer) |

Basic/Mobile forms


i Capture enabled forms for Scan, Document review, Validation, and Verification are excluded.

| Specification | Description |
|---------------|--|
| Browsers | <ul style="list-style-type: none"> • Google Chrome • Mozilla Firefox • Safari • Microsoft Edge <p>i</p> <ul style="list-style-type: none"> • The specified browsers and the mobile equivalents are supported, specifically the latest and the second last versions. • Windows phone is not supported. |


Capture forms

| Specification | Description |
|---------------|--|
| Browsers | <ul style="list-style-type: none"> • Microsoft Edge • Google Chrome • Mozilla Firefox <p>i</p> <ul style="list-style-type: none"> • Only vendor supported versions of a browser are supported, specifically the latest and the second last versions. Mobile browsers are not supported. • To view PDF files a PDF plug-in must be installed. This can be the PDF plug-in built into the browser. |
| Scanners | TotalAgility provides general support for all TWAIN capable document scanners. In addition, TotalAgility supports all Kofax VRS Elite compatible scanners by scanning through Kofax VRS Elite TWAIN-on-Top scan source. |

Web Capture Control

| Specification | Description |
|---------------|---|
| Browsers | <ul style="list-style-type: none">• Microsoft Edge• Google Chrome• Mozilla Firefox <p> Only vendor supported versions of a browser are supported. Mobile browsers are not supported.</p> |
| Scanners | See Capture forms . |

Designer

| Specification | Description |
|---------------|---|
| Browsers | <ul style="list-style-type: none">• Microsoft Edge• Google Chrome• Mozilla Firefox <p> Only vendor supported versions of a browser are supported. Mobile browsers are not supported.</p> |

TotalAgility

| Specification | Description |
|-----------------------------|--|
| DBMS | <ul style="list-style-type: none"> Microsoft SQL Server 2014 and higher <p>i Failover clustering and Transparent Data Encryption (TDE) are supported.</p> <ul style="list-style-type: none"> Microsoft Azure SQL (On-premise and On-premise multi-tenant deployments) Amazon RDS SQL Server (On-premise and On-premise multi-tenant deployments) Azure SQL Managed Instance database (On-premise and On-premise multi-tenant deployments) |
| Compatible Kofax Software | <ul style="list-style-type: none"> Kofax VRS Elite 5.2 and higher (for use with the "Twain-on-Top" interface for scanning) Kofax Mobile SDK 2.0 and higher Kofax Search and Matching Server 6.9 Kofax RPA 11.4 and higher Kofax Insight 5.1 and higher Kofax Communications Manager 5.1.1 and higher Kofax SignDoc 2.2.1.1 and higher Kofax Monitor 8.0 and higher Kofax ControlSuite 1.1 and higher (for use with the ControlSuite integration node) <p>i For Kofax Export Connector, refer to the <i>Export Connector Technical Specifications</i> document.</p> |
| Security | SSL |
| Fax Servers | <ul style="list-style-type: none"> Kofax Communication Server 10.4 and higher OpenText RightFax version 16.x and higher Biscom FAXCOM® Server 5.X and higher |
| Line of Business Connectors | <ul style="list-style-type: none"> Microsoft SharePoint 2016 (Including SharePoint Online) and higher Dynamics CRM 2015 and higher Microsoft Dynamics 365 (CRM) and higher (On-premise only) Exchange Server 2016 and higher OpenText Content Manager 9.3 and higher (previously Micro Focus) CMIS 1.0 and higher Microsoft 365 - Exchange Online |

| Specification | Description |
|---------------------|---|
| MFP | Refer to the <i>MFP Support Matrix</i> document. |
| Languages supported | <ul style="list-style-type: none">• English• French• German• Brazilian Portuguese• Italian• Spanish• Japanese |
| SDK | Using the Microsoft.NET SDK requires Visual Studio 2013 or higher. The SOAP or JSON SDK endpoints do not require any specific version of Visual Studio or other development environment. |

Web Capture Service (TotalAgility Web Scan) Multiuser support

When deploying Web Capture Service in multiuser environments (Microsoft Terminal Server and Citrix), multiple users work with Web Capture Service simultaneously from different Windows logon sessions. The following technologies are required to support such an environment:

- Citrix XenApp 6.5 and higher (now Citrix Virtual Apps)
- Citrix XenDesktop 6.5 and higher (now Citrix Virtual Desktops)
- Citrix Receiver 4.3.100 and higher (now Citrix Workspace)
- Windows Remote Desktop Services

Citrix support for scanning requires the Citrix TWAIN redirection to be enabled.