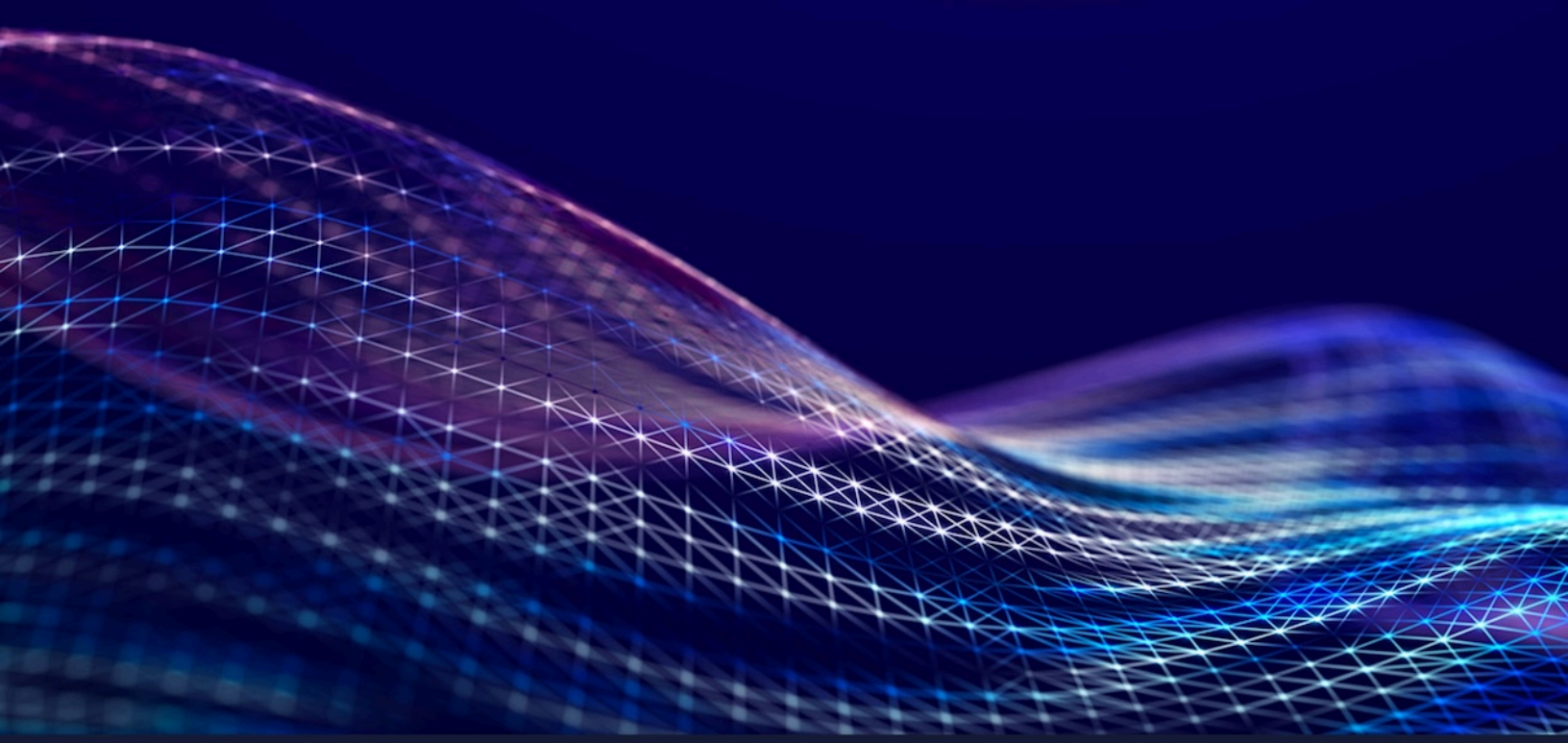

Tungsten AP Essentials
Technical Specifications

Version: 10.6

Date: 2024-10-08

TUNGSTEN AUTOMATION

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Document revision history

Date	Revision	Description
2020-11-09	1.0	Initial version.
2023-06-26	2.0	Updated TLS requirements.
2024-08-22	3.0	Updated links in illustration and product components. Changed document branding to Tungsten Automation.

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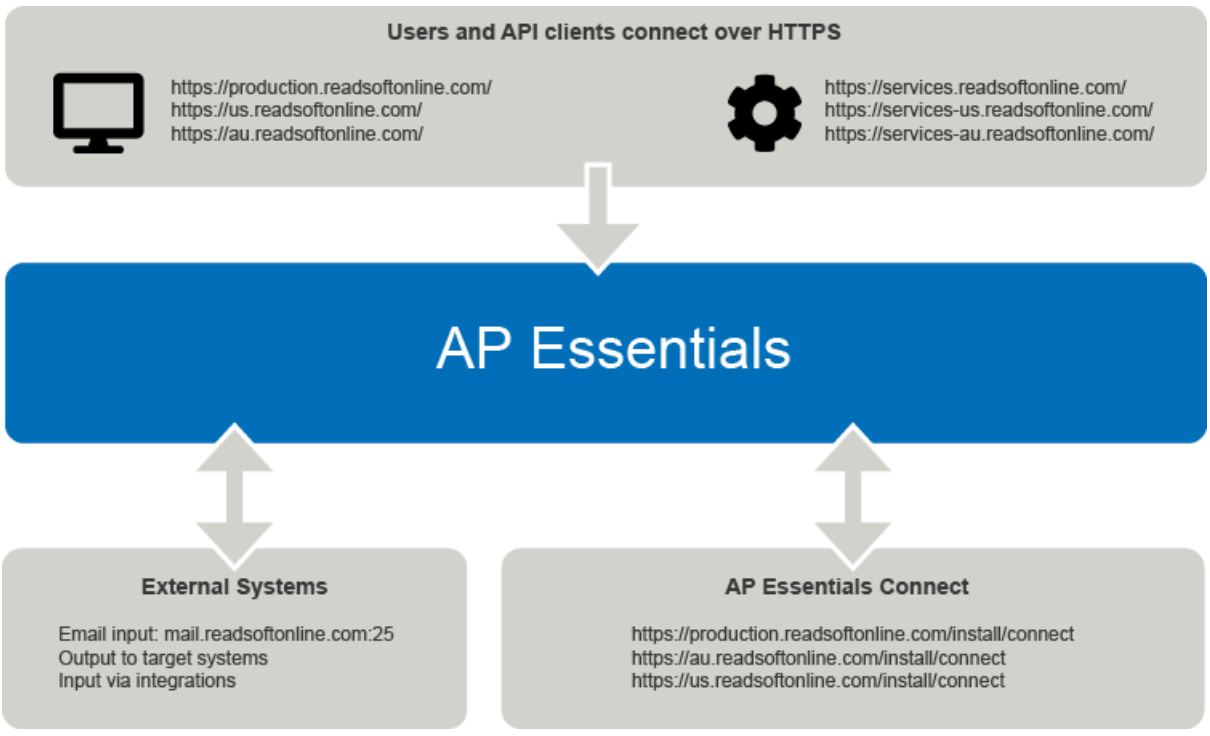
Chapter 1

About Tungsten AP Essentials Technical Specifications

Tungsten AP Essentials is a SaaS solution for automation of invoice processing. The solution is dynamically scalable with easy on-boarding of new customers. The technical specifications in this document are specific to the most recent release (10.6) of AP Essentials, since it is a cloud-based product and updated monthly.

For the latest information, see Tungsten AP Essentials help: https://docs.readsoftonline.com/help/eng/partner/

System architecture



Chapter 2

Product requirements

Product components

Specification	Description
Hardware	Note: Tungsten AP Essentials runs in a web browser and is delivered as software as a service (SaaS). **Minimum requirements for workstations**: • **CPU** - Multicore CPU, 2 cores • **Memory** - 2GB minimum, 4GB recommended • **Screen Resolution** - 1280 x 1024 • **Security and Protocols Supported** • HTTPS • **Web browser** (see below)
AP Essentials Connect	AP Essentials Connect is a Windows application used to transfer data, such as master data and documents for processing, to Tungsten AP Essentials from a local Windows machine. For more information about AP Essentials Connect, see: https://docs.readsoftonline.com/help/eng/partner/integration/connect/t_online_connect.html AP Essentials Connect supports these operating systems: • Windows 11 • Windows 10 • Windows 8.1 • Windows Server 2016 • Windows Server 2012 and Windows Server 2012 R2 AP Essentials Connect requires: • Microsoft .NET Framework 4 • An HTTPS connection that uses port 443

Specification	Description

Accessibility	**Internet connection**:
	2 Mbit internet connection is recommended.
	User authentication methods supported:
	• Username and password
	• Single Sign On
	  • SAML 2.0
	  • OpenID Connect

Browser	All browsers must have JavaScript enabled and support TLS 1.2 (Transport Layer Security). For more information, see: https://docs.readsoftonline.com/help/eng/partner/reference/c_system_requirements.html **Windows**: Latest version and latest version -1 for Chrome, Edge, Firefox. **Mac OS**: Latest version and latest version -1 for Chrome, Firefox, Safari.
Mobile Operating Systems	N/A Mobile Approval runs as web application in browser on mobile devices. https://docs.readsoftonline.com/help/eng/partner/office/c_mobile_office.html
Server Operating Systems	Windows servers not supported. Security restrictions on Windows servers prevents loading core components.
Compatible Tungsten Automation Software	E-Invoice Connect
UI Languages supported	Chinese (simplified) English (American, Australian, British, Irish) Danish Dutch Finnish French German Norwegian Portuguese (Brazil) Spanish Swedish Note: Help is provided in English only.
Invoice languages supported	See: https://docs.readsoftonline.com/help/eng/partner/services/c_extraction_services.html