Tungsten Unified Client for Ricoh
Technical Specifications

2025.2

TUNGSTEN
AUTOMATION

Revision history

Date	Revision	Description
June 7, 2021	1.0	Initial version
December 11, 2023	1.1	Update for version 1.3.0
August 9, 2024	1.2	Update company name
April 22, 2025	1.3	Update for version 2025.2

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About the Tungsten Unified Client for Ricoh

The Tungsten Unified Client for Ricoh adds print and capture capabilities to Ricoh devices through AutoStore, Equitrac, and Output Manager while still using device-specific features.

Specific hardware and software compatibility requirements are outlined in this document. You must meet these requirements to support the Unified Client for Ricoh. These requirements specifically list the needs of the Unified Client for Ricoh and do not include any additional requirements for other components you might use in your system.

Product requirements

Product components

Specification	Description
Supported devices	The Unified Client will function with the Ricoh MFP and SFP devices that support Ricoh's Smart Operation Panel (SOP) from version 2.5 onwards with screen sizes of 10-inch and 7-inch. ℹ️ IPv6 addresses can only function on Ricoh devices that have SOP G2.5 (or higher). For device specific information, verify the model list at the MFD and Productivity Supported Devices web page. The Unified Client for Ricoh supports multifunction printer (MFP) and single-function printer (SFP) devices. MFP devices support print, scan, and copy functions. SFP only supports printing. See MFD and Productivity Supported Devices for an updated list of specific models.
Device firmware versions	Smart Operation Panel (SOP) from version 2.5
Required third-party technologies	None
Compatible third-party technologies	None
Required Tungsten software	• Device Registration Service (DRS)
Compatible Tungsten software	• ControlSuite 1.2 or later • AutoStore 8.2 or later • Equitrac 6.2 or later • Output Manager 5.2 or later • Business Connect 8.2 or later • Device Registration Server (DRS) 8.5 or later ℹ️ IPv6 functionality is only available with ControlSuite 1.2 with fix pack 2 or later.

Specification	Description
Supported languages	English Catalan Czech Dutch Danish French Finnish German Hungarian Italian Japanese Korean Norwegian Polish Portuguese Russian Simplified Chinese Spanish Swedish Thai Traditional Chinese Turkish ⓘ AutoStore and Output Manager may not support all of the languages listed above. When a language is not supported then the language displayed will be English.

Supported card readers

The Unified Client for Ricoh supports the following card readers.

Tungsten card readers

- Tungsten Micro Card Reader
- Tungsten Equitrac ID Card Reader

The Unified Client for Ricoh has also been tested with the following card readers.

Third-party card readers

- Baltech Micro2
- Baltech Micro
- Baltech ID Card Readers USB Gen 2 Business Connect compatible
- Elatec TWN3 KBD [09D8:0310]
- Elatec TWN4 KBD [09D8:0410]
- RFIDeas pcProx RDR-7L81xKU KBD [0C27:3BFA]
- RFIDeas pcProx RDR-80581xKU KBD [0C27:3BFA]
- RFIDeas RDR-6381xPU
- RFIDeas RDR-7581xPU

- RFIDeas RDR-6081xPU
- RFIDeas RDR-805R1xKU [0C27:3BFA]
- RFIDeas RDR-805R1xKU-G3 [0C27:3BFA]
- RFIDeas RDR-80541xKU-RSOP [0C27:3BFA]
- RFIDeas RDR-30MR1xKU-MXS [0C27:3BFA]
- RFIDeas RDR-805R1xKU [0C27:3BFA]
- HID Omnikey 5427 (AU-205H)
- Inepro SCR 708 [1DA6/0110]
- Inepro Spider [1DA6/0110]

ⓘ When a third-party card reader is used, then a third-party card reader license is required. Since January 2023, third-party card readers are provided free of charge for ControlSuite. Please ensure that licenses are available for the amount of card readers being used within the ControlSuite deployment.