Components developed by softgate to expand Tungsten Capture and Tungsten Transformation

Although systems are now increasingly converging and technologies such as web services are available, connections between existing systems are still required for communication. In order to interconnect these different systems and to provide an existing capture solution with even more input, softgate has developed a wide range of interfaces, sets of rules, and modules to supplement Tungsten Capture over the course of its long-standing partnership with Tungsten. These components are regularly fine-tuned and, of course, supported in-house. In addition to the existing interfaces and modules, we can of course also meet your individual requirements.

softgate Tungsten Capture Export Connector softgate-archiv
Interface between Tungsten Capture and softgate-archiv

softgate Tungsten Capture Export Connector IKAROS
Tailored to IKAROS users in the debt collection sector
Interface between Tungsten Capture and the IKAROS debt collection solution from Ferber-Software

softgate Tungsten Capture Export Connector OpenText
Interface between Tungsten Capture and the ECM system from OpenText

softgate Tungsten Capture Export Connector ERP
Interface between Tungsten Capture and SAP

softgate Tungsten Capture Export Connector Advanced TXT/CSV
Interface for generating universal data formats for further processing by third-party software

softgate Scan & Barcode Panel
Module for barcode recognition

softgate Tungsten Capture License WatchDog
Module for automatic monitoring of the Tungsten Capture environment

softgate Tungsten Capture Basic set of rules for capturing enforcement notices
Custom set of rules for the debt collection sector

softgate Tungsten Capture Basic set of rules for capturing invoices
Custom set of rules for automatically processing invoices

softgate Tungsten Capture Advanced Email Export Connector
(without support and only possible with supplementary services)
Advanced standard email connector for HTML documents

softgate GmbH

Allee am Roethelheimpark 43

91052 Erlangen, Germany

T: +49 9131 | 81270-60

F: +49 9131 | 81270-99

vertrieb@soft-gate.de

www.soft-gate.de

softgate 07/2024

softgate Tungsten Capture

Export Connector softgate-archiv

Interface between Tungsten Capture and softgate-archiv

The softgate Tungsten Capture Export Connector softgate-archiv was developed for transferring data from Tungsten Capture to softgate-archiv. It allows you to create a simple connection between Tungsten Capture and softgate-archiv. The connector can be used to export documents and metadata from Tungsten Capture directly into document-type and index-field definitions in softgate-archiv, making it easy to assign the data determined by Tungsten Capture to specific index fields. It also defines the subsequent processing of the documents in softgate-archiv, such as direct archiving or temporary intermediate storage in a basket. When using Tungsten Total Agility, we recommend the use of a web service (RESTful API) compatible with softgate-archiv.

Area of application
Interface between Tungsten Capture solution and softgate-archiv

Prerequisites
softgate-archiv version 14 (or higher), the system requirements of Tungsten Capture 11 apply

Licensing
One license per Tungsten Server

softgate Tungsten Capture

Export Connector IKAROS

Tailored to IKAROS users in the debt collection sector

Interface between Tungsten Capture and the
IKAROS debt collection solution from Ferber-Software

Irrespective of the use of a DMS, any information captured from the documents can be transferred to the IKAROS debt collection software. Here, the Export Connector IKAROS directly controls the IKAROS import. The setup is based on the IKAROS import definition files and thus covers all facets of case processing in the debt collection sector, from adding information to an existing transaction to automatically creating a complete new file. An import manager is included for current IKAROS G4 versions. This import manager also ensures prompt import into actively used files by means of a queue.

Prerequisites
The system requirements of Tungsten Capture 11 and the IKAROS version from Ferber used apply

Licensing
One license per Tungsten Server

softgate Tungsten Capture

Export Connector OpenText

Interface between Tungsten Capture and the
ECM system from OpenText

The softgate Tungsten Capture Export Connector OpenText transfers a data set consisting of document, metadata, and control information from Tungsten Capture in R3 format to the file system. This makes it possible to automatically transfer data to the LiveLink ECM Suite for SAP, for example. Both PDF and TIFF are available as transfer formats.

By connecting Tungsten Capture to your OpenText system, you have the option of automatically capturing your incoming documents and then transferring them to the archive system. Thanks to support for the Document Pipeline and Livelink ECM, you can also forward the data to ERP systems (e.g., SAP R/3)

Prerequisites
Tungsten Capture 11, OpenText Version 4.2 or higher

Licensing
One license per Tungsten Server

softgate Tungsten Capture

Export Connector ERP

Interface between Tungsten Capture and SAP

The softgate Tungsten Capture Export Connector ERP enables the user to transfer metadata and documents (images, PDF) to SAP easily and directly. Based on the ArchiveLink interface, a seamless integration of information capture is mapped. Documents are stored digitally via various scenarios: Store with Barcode (formerly Late Archiving with Barcode). The SAP object is created before the image is saved on the content server. Store with Subsequent Entry (formerly Early Archiving with Workflow). The image is saved before the SAP object is created.

Invoice capture: The focus of the Export Connector is on invoice capture. A distinction is made between invoices with and without an order number. The interface supports both transactions (FB60, FV60, FB65, FV65/MIRO, and MIR7) in SAP. All invoice information is therefore extracted and provided for further processing.

Features

- Transfer of metadata and images/PDF to SAP – pure metadata transfer possible
- Independent of Tungsten Capture volume
- Supports multi-TIFF and PDF files
- Supports any backend system certified to ArchiveLink 4.5
- Supports generic work items
- Primarily used for invoices – simple configuration to also map order processing, for example
- Supports the XFT Queue Manager
- Almost all customer-specific SAP requirements possible through implementation of function modules
- Interaction with other export connectors
- Supports table position data
- Simple configuration via Tungsten Capture Administration

Prerequisites

Tungsten Capture 11

softgate Tungsten Capture

Export Connector Advanced TXT/CSV

Interface for generating universal data formats
for further processing by third-party software

The softgate Tungsten Capture Export Connector Advanced TXT/CSV transfers a file with all descriptive metadata from the Tungsten system at the same time as the image information. It is possible to export this either as a text file or CSV file and to customize the format of the exported file as required.

The Tungsten Capture Export Connector Advanced TXT/CSV is a product developed by softgate and can be used together with other export connectors or individually.

Prerequisites

Tungsten Capture 11

softgate Scan & Barcode Panel

Module for barcode recognition

The scan & barcode panel eliminates the need for additional validation in simple barcode scenarios while still compensating for the failure to recognize a barcode. This enables the implementation of lean and efficient barcode scenarios for a wide variety of documents.

Prerequisites
Tungsten Capture 11

softgate Tungsten Capture License WatchDog

Module for automatic monitoring of the Tungsten environment

The softgate Tungsten Capture License WatchDog monitors the Tungsten Capture landscape as a background service on the
Tungsten Capture server. Various statistical characteristics and behaviors of stacks can be monitored and sent to the relevant persons or groups via a notification or alarm with status information.

Volume monitoring

Monitoring of the various Tungsten Capture licenses and notification if the values fall below defined thresholds. This provides timely information about an impending volume shortage so that appropriate countermeasures can be initiated.

Faulty stacks

Monitoring of the status transitions of processing stacks. If an error occurs in the processing chain and a stack is sent to quality control for further inspection, a notification is sent to the responsible employee to ensure that the error is rectified quickly. This allows faulty stacks to be detected and corrected at an early stage.

Local storage monitoring

Monitoring of the local storage and notification when undershooting defined threshold values to prevent processing stops due to insufficient hard disk space.

Stack readiness timeout

Monitoring of the duration of active stacks in the stack manager and notification if a defined period of time that the stack spends in the system is exceeded.

Notification

The threshold values can be used to define when a notification or an alarm is sent by email or logged in the file system. Several mailboxes can be used as recipients.

Benefits

- Notifications ensure constant overview of current remaining volume
- Notifications ensure constant overview of current storage capacity
- Alarm when undershooting critical threshold values
- Notification of faulty stacks
- Notification of stacks that have been in processing for too long
- Early detection of volume deficits
- Early detection of storage space deficits
- Early initiation of countermeasures
- No more unprocessed, faulty stacks
- Time saving with manual control of the Tungsten system

Prerequisites

Tungsten Capture 11; only one server needs to be licensed. For distributed Tungsten Capture Network Server environments, monitoring can be extended to remote sites through remote site licenses.

softgate GmbH

Allee am Roethelheimpark 43

91052 Erlangen, Germany

T: +49 9131 | 81270-60

F: +49 9131 | 81270-99

vertrieb@soft-gate.de

www.soft-gate.de

softgate 07/2024

softgate Tungsten Capture Basic set of rules for enforcement notices

Custom set of rules for the debt collection sector
Capturing enforcement notices

Buying up enforcement notices is one of the many business areas of debt collection companies. However, due to the high personnel costs involved in capturing, processing, and investigating enforcement notices and the resulting fees charged by the authorities, this sector can only be lucrative if there is efficient process optimization. Enforcement notices, although semi-structured documents, always contain similar information and are therefore ideal for automated capture with intelligent software. softgate has created a set of rules specifically tailored to capturing enforcement notices from versions 2005-10-01 (pseudo A3), 2011-01-01 (full A3), and 2017-07-01 (full A3, principal claim begins on the left-hand side). This set of rules reads out relevant information fully automatically from the scanned enforcement notices using OCR. Thanks to the use of intelligent capture software, it is irrelevant in which position amounts or interest rates, for example, can actually be found. 250 court titles and more can be captured, tagged, and transferred to further systems per hour. The basic set of rules for capturing enforcement notices enables the following data to be captured:

Court of law	Yes
Debtor salutation	Yes
Debtor address data	Last name, first name, street, ZIP code, city
File number local court	Yes
Applicant's reference number	Yes
Document date	Yes
Sum of the principal claims	Each individual amount, transfer as a total
Legal expenses	Each individual amount, transfer as a total
Ancillary claims	Each individual amount, transfer as a total
IKAROS: GLKOSTEN	Yes
Interest	Each individual amount, transfer as a total
Total amount	Yes
Current interest	Interest rate, amount of the associated principal claim, and validity date for a maximum of 15 principal claims in each case
Costs above base interest rate	Validity date, interest rate, base amount

Prerequisites

Tungsten Capture 11.0, KTM/KT (Unlimited Fields) 6.4 or higher, softgate Tungsten Capture Export Connector IKAROS (for IKAROS Export). We recommend the use of professional document scanners with Tungsten VRS image enhancement software.

softgate Tungsten Capture
Basic set of rules for capturing invoices

Capturing invoices

With the help of the basic set of rules developed by softgate for capturing invoices, the relevant information is automatically extracted when invoices are captured with Tungsten Capture in accordance with Section 14 of the German Value Added Tax Act *(Umsatzsteuergesetz – UStG), e.g.*:

- the full name and address of the supplier and the recipient of the service
- the tax number issued to the supplier by the tax office or the VAT identification number issued to the supplier by the Federal Finance Office
- the date of issue
- a consecutive number with one or more series of numbers that is assigned once by the invoice issuer to identify the invoice (invoice number)
- the quantity and type of goods supplied or the scope and type of the other services
- the date of delivery or other service or the date of receipt of the advance payment, if this date is fixed and is not identical to the date of issue of the invoice
- a) the consideration for each tax rate or exemption
  b) any price reduction agreed in advance, provided it is not already included in the consideration
- the applicable tax rate and
- the amount of tax due on the consideration.

One factor that influences the functionality of a set of rules is the document quality. This means that a correspondingly high readout rate requires a correspondingly high quality of the scanned documents (resolution at least 200 DPI). The image enhancement program Tungsten Virtual ReScan can be used to improve the scan quality or to achieve the required scan quality.

Important:
To ensure very good quality of the extraction results, it is necessary to train the software. The standard set of rules has been trained and developed over many years using sample calculations. A 100% correct extraction of all index values defined by the customer cannot be guaranteed!

Prerequisites
Tungsten Capture 11 or higher, Tungsten Transformation Unlimited Fields in all versions, Tungsten Invoice Addon Pack

softgate Tungsten Capture
Advanced Email Export Connector

Advanced Standard Email Connector for HTML documents
(without support and only possible with supplementary services)

The standard product for sending emails is the Email Export Connector from Tungsten. After processing the document stack, it sends an email via SMTP protocol and attaches the documents, preferably as .pdf files. The email body can only be configured with a simple text field. However, it is not possible to insert a layout or a large amount of text with some variable content.

softgate has now augmented the interface, which is offered as the Advanced Email Export Connector. This is able to use an HTML document as a template, which contains enhanced information and a customized layout for outgoing emails.

For this purpose, an additional graphical user interface is used in the existing export connector into which an HTML email body can be loaded as a template. It is possible to customize a ready-made HTML template in the corporate design so that it contains any number of placeholders that are filled from system variables or case-specific values when the email is sent. The HTML template is loaded and temporarily stored via the configuration interface. This document can then be searched using a predefined regular expression to identify all placeholders. Any value is now assigned to the hits from this search. When the email is sent, these placeholders are then replaced by the configured values. This allows a template to be created individually for each type of document, thus automating document delivery by email.

A licensed Tungsten Capture 11.x system is required for use. Tungsten Capture is a powerful digitization platform for the secure capture of all types of information. It extracts data and integrates it into business information systems such as enterprise resource planning (ERP) or workflow solutions.

To ensure the functionality of the exporter, it must be able to interact with an email server. The email server settings (host name, port, email recipient, etc.) are already available in the SEEC and are defined in the configuration interface. These settings are primarily entered by a trained administrator or by a softgate employee.

Prerequisites
Tungsten Capture 11