



**LRS**<sup>®</sup>  
OUTPUT MANAGEMENT

# DRIVVE | IMAGE

## Feature List





## Contents

Scanner Power Tools (SPT) .....	2
Specifications.....	2
Input .....	3
Processing Features.....	4
Output.....	5
Optical Character Recognition (OCR).....	6
Specifications.....	6
Universal Database Connector (UDC).....	7
Specifications.....	7
Barcode (BARCODE) Features.....	8
Specifications.....	8
Cloud Connector (CCM) Module .....	9
Specifications.....	9
Universal Exchange Connector (UEC).....	10
Specifications.....	10
SharePoint Connector (SPC) .....	11
Specifications.....	11
Lotus Notes/Domino Connector (LOTUS) .....	12
Specifications.....	12
Print Management Connector (PMC) .....	13
Specifications.....	13



## Scanner Power Tools (SPT)

Scanner Power Tools (SPT) is available as

- **Embedded license**  
for the direct integration into the display of your scan device or as a Desktop Client Edition
- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drive | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License
- **Server Processing (SPL) or Hotfolder License**  
for server based usage of Universal Device License functionalities

## Specifications

- Automatic installation of Drive | Image on the scan device
- Enable/disable Drive | Image features at the display of the scan device
- Integrated simulator to display a profile in the web-browser (profile is shown just like the user sees at the display of the scan device)
- Intuitive configuration program, no programming knowledge required
- Central device management
- Language of the configuration program and the Drive | Image application at the display of the scan device can be configured
- Online update function
- Storing all settings as backup
- Debug mode and creation of a support.zip archive for error analysis
- Microsoft Active Directory® integration:
  - User authentication integrated into Microsoft Active Directory
  - Access control via group permission
  - Protection of profiles via Active Directory user authentication
- User authentication via LDAP data source
- Selection of the devices the profiles are to be displayed at
- Configuration of scan mode (Simplex/Duplex), color (color/grayscale/monochrome) and resolution (DPI) at the display of the scan device
- Adjust scanner settings within the Drive | Image configuration program
- Scan & Print function: Processing and printing of scanned documents
- Email notification after successful processing of a scanned document
- Printback function: Selecting and printing a file at the display of the device
- Password-secured access to the configuration



## Input

### Creating input fields:

- Creation of text input fields, list fields and checkboxes
- Definition of mandatory fields to make sure required information is entered before the start of a process
- Specification of default values for input fields
- Possibility to "force" users to enter input in a specific format (for example numeric input with a specific number of digits)
- Hide automatically populated input fields
- Configuration of input confirmation: Input only accepted if user confirms her input
- Display of input at the display of the scan device in the profile overview

### Browsing through filing path:

- Direct access to the folder tree of the network including subfolders at the display of the scan devices and access restriction to secure directories
- Search for folders at the display of the scan device by specific letters or initial letter combination (such as "in" for "invoices" or "Jan" for "January")

### File name generation:

- Entering the file name at the display of the scanning device
- Use of variables for the automatic creation of the file name
- Creation of input fields the user fills out at the device and which are used to compose the file name
- Use of system information such as logged on user, date, time etc.

### Creation of Meta data for scanned documents:

- Creation of meta data via input at the device, predefined or dynamic values

### Job-build function:

- Scanning of documents in one single output file either from feeder or plates



## Processing Features

### **Automatic separation of documents and output of single files:**

- Separation via blank pages
- Separation using 1- or 2-dimensional barcodes
- Separation after a configurable number of pages
- Optional deletion of separation pages

### **Automatic deletion of blank pages:**

- Available for documents scanned in Simplex or Duplex mode
- Define when a page is detected as blank page (configuration of margin and white content)

### **Annotate and paginate documents:**

- Use of predefined variables, generic text (including barcode font) and bates stamps
- Use of text entered at the display of the scan device
- Use of system information such as logged on user, date, time etc.
- Use of images as watermarks

### **Conversion of documents:**

- Select different formats documents are converted to
- Creation of searchable PDF or PDF/A documents
- Autorotation of documents scanned in the wrong way

### **Optimization of the scan and image quality of documents:**

- De-skew function to straighten the image of imperfectly scanned documents
- Removing blobs and punch holes
- Smoothing of documents
- Darkening and lightening of documents
- Auto color detection
- Automatic removal of margins
- Flip and mirror the document content



## Output

### Storing documents as file:

- Scanning documents in local, network or FTP folders
- Creation of fixed or dynamic filing folder within a network
- Automatic creation of filing paths on an FTP server or within the network
- Definition of output formats such as PDF, Microsoft® Word or Microsoft® Excel

### Email output:

- Sending emails via standard email server (SMTP)
- Support of SMTP authentication
- Support of multiple To-, Cc- and Bcc addresses
- Definition of a maximum file size and a maximum number of pages per document

### Scanning documents to Drivve | DM:

- Filing of scanned documents to a specific Drivve | DM inbox
- Assignment of Drivve | Image index fields to Drivve | DM index fields
- Preparation of the scanned document for the full text search in Drivve | DM
- Automatic start of a Drivve | DM workflow, e.g. depending on document type
- Automatic creation of spaces

### Multiple output possible (including different output types)

#### Metadata output for scanned documents:

- Meta data in the formats Text, CSV or XML
- Definition of fields for the CSV output
- Creation of specific XML formats for further processing by third-party systems

#### Start of third-party applications:

Start of an external application after the scanned document has been processed and transfer of parameter to this application to start a process (for example a workflow)

#### Printing:

- Printing of the document at a configurable printer
- Selecting of the printer using variables





## Optical Character Recognition (OCR)

**Note:** Scanner Power Tools (SPT) is required

Optical Character Recognition (OCR) and Scanner Power Tools (SPT) are available as

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- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drivve | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License
- **Server Processing (SPL) or Hotfolder License**  
for server based usage of Universal Device License functionalities

### Specifications

- Text extraction from scanned documents
- Creation of multiple output formats:
  - Editable formats such as RTF, Microsoft® Word, Microsoft® Excel, Microsoft® Power Point, Text, Open Document Text (.odt), EPUB, HTML, XPS
  - Further searchable formats such as:
- Searchable PDF: PDF, PDF/A (1.7PDF/A 2a and 1.7PDF/A 2b)
- Definition of an unlimited number of OCR zones allows to extract text (for example customer numbers or contract numbers) from specific areas of the document
- Use string manipulations and analysis function to optimize the extraction of text from a document
- Parallel processing of OCR processes increases the speed of OCR processing
- Supports more than 100 languages
- Multi-language support allows scanning multi-language documents (up to 9 different languages simultaneously)
- Encryption and password protection of PDF documents ensures the security of confidential data
- OCR text export for third-party applications (Text, CSV, XML)
- Document separation based on identified character string
  - For processing the character string, filters can be used based on predefined functions and regular expressions



## Universal Database Connector (UDC)

**Note:** Scanner Power Tools (SPT) is required

Universal Database Connector (UDC) and Scanner Power Tools (SPT) are available as

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for the direct integration into the display of your scan device or as a Desktop Client Edition
- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drivve | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License
- **Server Processing (SPL) or Hotfolder License**  
for server based usage of Universal Device License functionalities

### Specifications

- Use of information from ODBC compatible databases for the processing of documents
- Support of ODBC (Open Database Connectivity) databases
- Use of SQL (Standard Query Language) query language ensures full flexibility
- Navigation within a database - directly at the display of the scan device
- Initiate an automatic search of the database after defining the number of characters to be entered by the user
- Intelligent indexing of documents by using database information
- Extraction of email addresses, customer number etc. (for example CRM / ERP Software)
- Update of existing datasets in ODBC databases
- Inserting datasets into ODBC databases





## Barcode (BARCODE) Features

**Note:** Scanner Power Tools (SPT) Module is required

Barcode (BARCODE) Features and Scanner Power Tools (SPT) are available as

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- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drive | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License
- **Server Processing (SPL) or Hotfolder License**  
for server based usage of Universal Device License functionalities

## Specifications

- Use of barcodes for indexing documents and for naming files or folders
- Separation of documents using barcodes
- Detection of barcodes anywhere within the document or at a specified barcode position
- Supports the following barcode types:
  - Patch Code, Data Matrix, QRCode, PDF417, Postnet, Australian Post, Intelligent Mail, Micro QR, Code 2 of 5, Interleaved 2 of 5, Code 93, Code 39, Code 39 ext, CODBAR 2, Code 128, UPC-A, UPC-E, ADD 5, Add 2, EAN 8, EAN 13, RM4SCC, Planet
- Advanced barcode settings:
  - Alignment of barcodes for the recognition
  - Detection of barcode orientations: Horizontal, vertical, skewed
  - Definition of a default orientation for barcodes
  - Determine whether barcodes are inverted (black or white barcodes)
  - Use an unlimited number of barcodes on a page/Determine a maximum number of barcodes to be used
  - Image cleaning function improves barcode detection
  - Eroding and dilating barcodes for further improvement of barcode detection
- Use of barcode variables to store barcodes or parts of barcodes:
  - Filtering barcodes by specifying filter criteria like "begins with", "ends with", "contains", etc.
  - Extraction of a character sequences from a barcode
  - Extraction of barcode data or parts of barcode data using separating characters



## Cloud Connector (CCM) Module

Cloud Connector (CCM) is available as

- **Embedded license**  
for the direct integration into the display of your scan device or as a Desktop Client Edition
- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drive | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License

### Specifications

- Scan to Microsoft OneDrive<sup>®</sup>:
  - Selection of the folder at the device
  - Defined file names (for example by means of variables)
  - Creation of a text file for each scanned document to make the document searchable
- Scan to Google Drive Professional<sup>®</sup>
  - Selection of the folder at the device
  - Defined file names (for example by means of variables)
  - Block documents for download (only documents scanned into shared Google Drive folders)
  - Creation of a text field for each scanned document, which is shown in Google Drive
- Printback function for Google Drive Professional<sup>®</sup>:
  - Document selection at the device
  - Specifying the file formats allowed to be printed
- Scan to WebDAV-based applications:
  - Defined file names (for example by means of variables)
  - Definition of the filing location of the scanned documents
- Scan to Sharp Cloud Portal Office (SCPO)<sup>®</sup>:
  - Defined file names (for example by means of variables)
  - Selection of the folder at the device
  - Indexing documents
- Scan to Box<sup>®</sup>:
  - Defined file names (for example by means of variables)
  - Selection of the folder at the device
  - Indexing documents



## Universal Exchange Connector (UEC)

Universal Exchange Connector (UEC) is available as

- **Embedded license**  
for the direct integration into the display of your scan device or as a Desktop Client Edition
- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drivve | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License

### Specifications

- Integration in Microsoft® Exchange Server and Microsoft® Office 365
  - Sending of scanned documents via email
  - Sending emails from a personal Microsoft® Exchange account
  - Access to Microsoft® Exchange contacts
  - Filing of sent emails in the outbox of Microsoft® Outlook for confirmation
  - Email function supports multiple To, Cc and Bcc addresses
  - Possible user authentication
- Scanning and faxing of documents via Email-to-Fax
  - Sending of scanned documents via SMTP-to-Fax
  - When entering the fax number of a customer at the display of the device, an email is sent to the fax server which triggers the sending of the fax
  - Email notification for sent documents
  - Integration with email and fax address book using LDAP
  - Possible user authentication
- Integration of RightFax



## SharePoint Connector (SPC)

SharePoint Connector (SPC) is available as

- **Embedded license**  
for the direct integration into the display of your scan device or as a Desktop Client Edition
- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drivve | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License

### Specifications

- Filing of scanned documents in SharePoint<sup>®</sup>
- Support of SharePoint<sup>®</sup> Server and SharePoint<sup>®</sup> Online (MS Office 365)
- Possible user authentication
- Indexing of scanned documents - at the display of the scan device or automatically
- Automatic creation of new folders in SharePoint<sup>®</sup> for filing scanned documents
- Population of customized fields in SharePoint<sup>®</sup> at the display of the scan device
- File name generation:
  - Defining file names by means of variables and creation of fields the user can fill out at the display of the scan device in order to use them as part of the file name
- Automatic creation of filing structures in SharePoint<sup>®</sup>
- Browsing through the SharePoint<sup>®</sup> filing structure at the display of the scan device
- Select between flexible scan profiles with individual indexing and scan processing and fully automated scan profiles with predefined document filing at the touch of a button
- Automatic detection of existing SharePoint<sup>®</sup> structures
- Connect an unlimited number of SharePoint<sup>®</sup> Servers to your scan device
- Rights assignments defines which SharePoint folders and projects can be viewed by which users at the device display



## Lotus Notes/Domino Connector (LOTUS)

Lotus Notes/Domino Connector (LOTUS) is available as

- **Embedded license**  
for the direct integration into the display of your scan device or as a Desktop Client Edition
- **Universal Device License (UDL)**  
for the integration of scan devices without specific Drivve | Image Edition
  - **E-Mail Monitoring**  
for monitoring a mailbox via IMAP when using a Universal Device License

### Specifications

- Sending scanned documents via email using Lotus Notes® Domino Server
- LDAP authentication of users against Lotus Notes® Domino Server
- Access to Lotus Notes® address books (using LDAP)
- Filing scanned emails in the user's sent box
- Storage of emails in the user's draft box to edit the email before sending it
- No proprietary application but a standard Lotus Notes database application (.nsf)
- Exclusive use of standard Lotus Notes® features and therefore compatible with all operating systems Lotus Notes runs on
- Emails are processed within the Lotus Notes® Domino environment
- Use Lotus Notes® Domino features to load balance or manipulate the way emails are processed
- Use all the powerful Drivve | Image features to configure file name generation, file format conversion, etc.
- Detailed log function
- Processed messages can be auto-deleted or stored
- Delete error messages or forward them manually



## Print Management Connector (PMC)

**Note:** Print Management Connector (PMC) is available as a **server-based license**.

**Print Management Connector (PMC)** is only valid for devices with Drive | Image installations licensed as **embedded license** for the direct integration into the display of your scan device.

### Specifications

- Support of single-sign-on including password storage if used with an external print management system
- Access to personal Drive | Image profiles directly after authentication in the print management solution
- Automatic transfer of authentication data to Drive | Image
- If the user is logged on to the external print management system, she only has to enter the password one time - the first time she starts Drive | Image or after the password has been changed

If Drive | Print and Drive | Image are used together, the **Print Management Connector (PMC)** is not required: In this case, single sign-on is automatically provided.

The **Print Management Connector (PMC)** includes several interfaces for the transfer and storage of login data to and in Drive | Image. To find out whether single sign-on with a specific print management solution is possible, a test is always required.