Kern Sphera Software

DocumentLogging

Kern Sphera DocumentLogging provides the ability to identify, trace and report the processing results of the document production.

Kern Sphera DocumentLogging provides complete mail piece verification by reading the printed identification. The software supports the following operation mode Logging, i.e. creation of a result file during the process with the production data.

With the Logging mode a result file is created during the inserting process. This mode guarantees the quality of the mail piece production by providing proof of processing.

A selection according to the production process definition can be made between reading at the input and reading at the output of the inserting system. The reading modules support various barcode and datamatrix formats.

Kern Sphera DocumentLogging has additional options to relay the read information to PostManifest interfaces or to an output device, e.g. for logo printing.

Features

Proof of Production

Kern Sphera DocumentLogging will proof and record your production on a mail piece level. A result file is created during the processing.

Output Reading

Kern Sphera DocumentLogging is suitable to read a 1D barcode or 2D datamatrix code at the output through the envelope window. As a benefit a code is not needed on every sheet or you can run the process as before with OMR codes.

Our	Service	S
Uui		

- We help to analyze the mail production process and offer consulting to integrate the Kern Sphera DocumentLogging optimally in your mailroom environment
- Project management services over the entire integration
- Customizable software components and solutions
- On-site training for your employees

Automatic Job-Setup

Automated job setup is supported at the inserter by using scanned information. This helps to prevent errors in job handling.

Option LogoPrint

Based on the reading, a variable logo will be printed at the output.

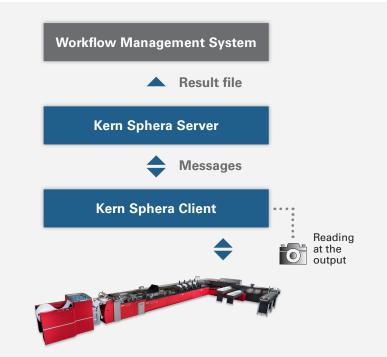
Mailpieces 60 Scheduled 1/125/2022 4:09:00 AM State Processing Expected 11/22/2022 5:18:52 PM Toroughput / hour 831 Intro2/2022 4:09:00 AM Mail piece Id State Opposite 11/25/2022 4:09:00 AM Mail piece Id State Opposite 11/25/2022 4:09:00 AM Mail piece Id State Opposite 11/25/2022 5:18:52 PM Mail piece Id State Opposite 11/22/2022 5:18:52 PM Mail piece Id State Opposite 00077 / ALI00077 Failed X X Obscontor Envire Failed X X X Obscontor Envire Failed X X X X Obscontor Envire Failed X X X X X X X Obscontor Envire Failed X	Name 0000008958 / A081	5B47110000008958 Progress	88	%			
Current maipliese 0028 88% Diverted Mail Pieces Throughput / hour 831 11/25/2022 4:09:00 AM Mail piece Id State Top 5 Incidents 11/25/2022 4:09:00 AM 11/22/2022 5:18:52 PM 00076 / ALI00076 IF Fained X V © Count 0	Mailpieces 600	Scheduled	11/25/2022	4:09:00 AM			
Code Text 0 5.00107 Envelope feed unit (B23): envel	State Processing	Expected	11/22/2022	5:18:52 PM			
Top 5 Incidents 11/25/2022 4:09:00 AM Sorted by 00076 / ALI00076 © Count 11/22/2022 5:18:52 PM Object 11/22/2022 5:18:52 PM Occode Text 000232 / ALI00077 © 500107 Envelope feed unit (B23): enve 000316 / ALI000316 © 66003108 Bin 2: mail piece missing in tra 000316 / ALI00316 © 04.00156 Station A: wrong enclosure(s) 00317 / ALI00317 © 04.00156 Station B: wrong enclosure(s) 00382 / ALI00382	Current mailpiece 00528	88%		Diverted M	ail Pieces		
Code Text 00076 / ALI00076 Pained X V 0 Count 0	Throughput / hour 8331			Mail piece Id	Stat	e	
0 Count 11/22/2022 5:18:52 PM 00077 / ALI00077 Pained X 0 Duration 11/22/2022 5:18:52 PM 00232 / ALI00232 Pained X V 0 Code Text 00233 / ALI00233 Pained X V 0 0500107 Envelope feed unit (823): enve 00316 / ALI00316 Fained X V 0 0600510 Bin 5: mail piece missing in tra 0600510 Bin 5: mail piece missing in tra 00316 / ALI00316 Fained X V 0 04.00156 Station A: wrong enclosure(s) 04.00156 Station B: wrong enclosure(s) 00382 / ALI00382 Fained X V	Top 5 Incidents	11/25/2022 4:09:00 A	M	00076 / ALI00	076	Failed	×
Code Text 00232 / ALI00232 Failed X V 0 50.0107 Envelope feed unit (B23): enve 00233 / ALI00233 I Failed X V 0 50.00107 Envelope feed unit (B23): enve 00316 / ALI00316 I Failed X V 0 60.00310 Bin 5: mail piece missing in trained 00316 / ALI00316 I Failed X V 0 40.0156 Station A: wrong enclosure(s) 00382 / ALI00382 I Failed X V	 Count 	11/22/2022 5:18:52 P	М	00077 / ALIOO	077	Failed	×
OS00107 Envelope feed unit (B23): enve O03107 / ALIO0316 Faited X V O0317 / ALIO0317 Faited X V O0317 / ALIO0317 Faited X V O0382 / ALIO0382 Faited X V		36		00232 / ALIO0	232	Failed	×
O6.00310 Bin 2: mall piece missing in tra O0316 / ALI00316 Failed X V O0317 / ALI00317 Failed X V O0317 / ALI00317 Failed X V O0382 / ALI00382 Failed X V	Code Text			00233 / ALI00	233	Failed	×
O6:00510 Bin 5: mail piece missing in tra O4:00156 Station A: wrong enclosure(s) O4:00186 Station B: wrong enclosure(s)				00316 / ALI00	316	Failed	×
04.00156 Station A: wrong enclosure(s) 04.00186 Station B: wrong enclosure(s)				00217 / 41100	217	Failed	* .
	04.00156 Station A: wrong enclosure	(s)		00517 / ALIOU	517		<u>^</u>
00383 / AL100383	04.00186 Station B: wrong enclosure	(s)		00382 / ALI00	382	Failed	×
				00383 / ALI00	383	Failed	×

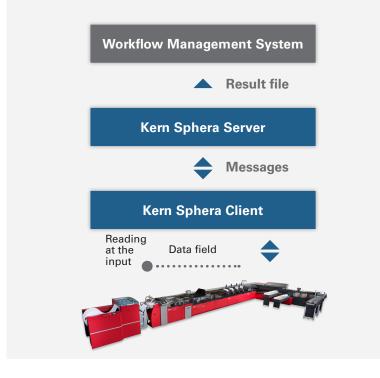






Function Description DocumentLogging





Kern Sphera DocumentLogging, with reading at output

An additional reading device and a camera module are required for reading at the output. Different reading devices are available depending on the printed barcode type and reading requirements:

The PC with the corresponding Kern Sphera DocumentLogging client software can be directly integrated in the camera module.

This client is connected with a dedicated network with the Kern Sphera server. With this solution the inserting system can still be controlled by OMR reading at the input.

1

2

Kern Sphera DocumentLogging, with reading at input

This configuration of Kern Sphera DocumentLogging is based on an existing barcode or datamatrix reading at the input module of the inserting system. The mail piece information (datafield reading) will be connected to the Kern Sphera DocumentLogging client.

No additional (hardware) components for the reading of mail piece information are needed.

In both operation modes the result files are made available for a production management software on the central Kern Sphera server.

Kern AG 3510 Konolfingen Switzerland

phone +41 31 790 35 35 info.switzerland@kernworld.com www.kernworld.com