Data Sheet
SDA-100 software, install on a virtual machine

For assistance with the installation steps please contact IBIS

The zip file sda-files contains the files for the SDA installation.

There is a PowerShell script which automates the installation. This needs to be run with administrator privileges and powershell scripts enabled.

Alternatively, the lines from the script can be entered manually into a PowerShell prompt, with the file paths adjusted if PowerShell scripts cannot be run on the system.

Or each installer can be run manually (from the command line or by double clicking). If choosing this option, it is important to run the installers in the correct order.

1. mongodb-windows-x86_64-5.0.6-signed.msi
2. mongodb-compass-1.30.1-win32-x64.msi
3. SmartReports_2.1.0.0_Release.msi

The installer for step 1 has several stages:

4. Accept the license agreement
5. Choose the 'Complete' setup type
6. Service configuration (should be left unchanged unless there are specific reasons for changing it)
7. Compass install option (tick box lower left corner). By default this is ticked. The installer will need internet access to download compass. We have provided the installer for this so this option can be unticked and the separate installer used afterwards. If compass is installed at this stage there is no need to run the separate installer.

When the SDA software first runs it will ask to open firewall ports, it must be allowed to use these ports. Once SDA and the Smartbinder are connected to the network they will automatically locate each other.

2/ Example of SDA 'JOB' Report:

OUTPUT	**JOBS**	RUN TIMES	ERRORS	REPORTS	FILES

Job Number	Start time	Stop time	Booklets delivered	Booklets rejected	Sheets delivered	Sheets rejected	Efficiency %
0313581322	10/02/20: 12:10hrs	11/02/20 18:10hrs	28342	5	113348	20	99.9%
0213581322	11/02/20 18:10hrs	11/02/20 18:17hrs	466	1	1395	3	99.8%
0313581322	11/02/20 18:17hrs	11/02/20 18:55hrs	2531	4	10108	16	99.9%
2013581322	11/02/20 18:55hrs	12/02/20 13:05hrs	3632	7	72633	140	99.8%

3/ Example of SDA 'Run Times' Report:

OUTPUT	JOBS	**RUN TIMES**	ERRORS	REPORTS	FILES

Date	12:00	13:00	14:00	15:00	16:00	17:00	18:00
11/02/2020	10	53	55	45	53	54	25
12/02/2020	17	3	52	49	0	0	0
13/02/2020	0	0	0	0	0	0	0
14/02/2020	21	45	55	55	53	47	0
15/02/2020	0	0	0	0	0	0	0
16/02/2020	16	54	58	53	55	57	12
17/02/2020	55	52	53	54	56	10	0
18/02/2020	0	0	53	55	0	0	0
19/02/2020	10	54	55	57	52	50	12
20/02/2020	13	52	55	56	57	50	22
21/02/2020	0	0	0	0	0	0	0

4/ Example of SDA 'Errors' Report:

OUTPUT	JOBS	RUN TIMES	**ERRORS**	REPORTS	FILES

Date/Time	57 Too many misfeeds	62 Sheet Jam: Collator	74 Book Jam: Pusher	80 Book Jam: Transfer	82 Book Jam: Trimmer Upper Nip	86 Book Jam: delivery
13/02/20 11:00	0	1	0	0	0	0
13/02/20 12.00	1	0	2	0	0	0
13/02/20 13:00	0	1	0	1	0	0
13/02/20 14:00	0	0	0	0	1	0
13/02/20 15:00	0	0	0	0	0	0
13/02/20 16:00	1	0	0	0	0	0

Note: The above example shows only 6 code errors. Additional code errors are available to view. The error report shows if there are any areas of the Smart-binder that are frequently causing machine stops and where remedial actions therefore need to be taken to reduce these particular type of stops.