

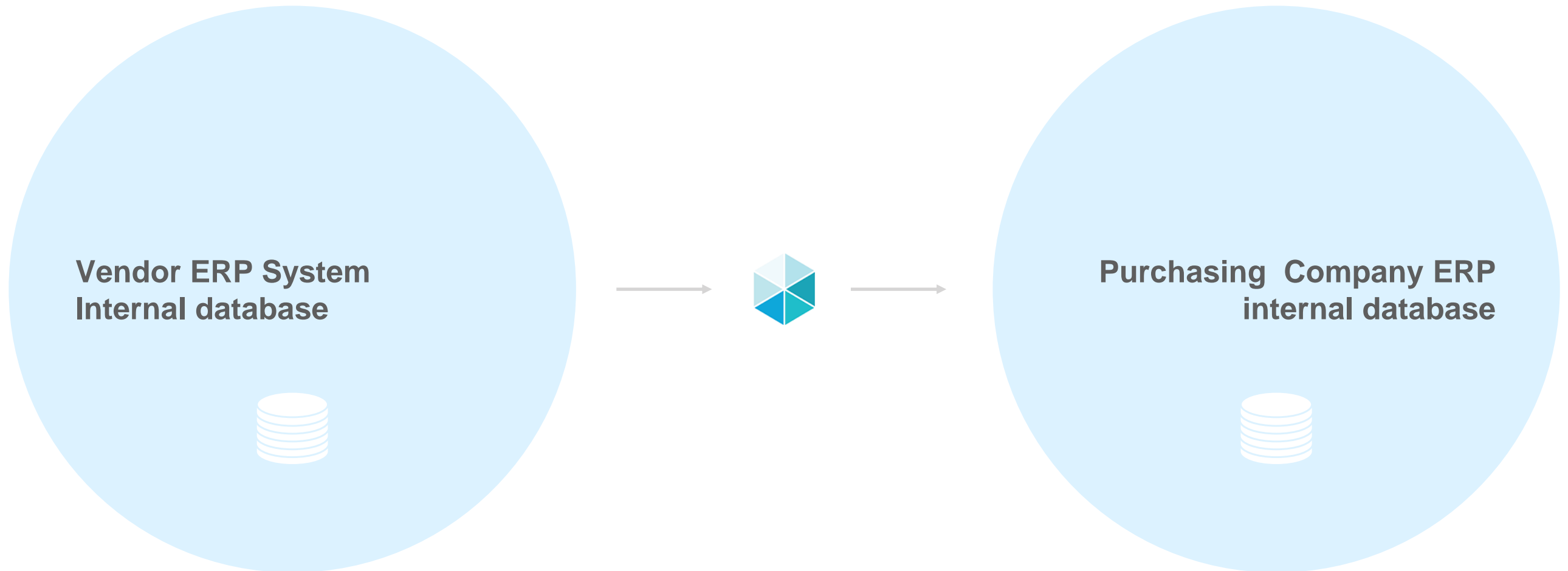


## **Integration Process Overview**

Manufacturers, 2020

## Objective

- ☑ To move data from vendor system to customer system with minimum possible administration
- ☑ To load vendor data only once, and be able to integrate with multiple customer systems via Atelier



# Mapping your ERP Parameters

client db

client export (only system generated – not manually created)



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## Transformation process (we build for you & leave on your local server)



Client expanded format



Atelier transformation file



Atelier input format



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Atelier CSV  
format



Atelier db



# Step 1

- Atelier integration architect will analyse your existing data set to identify common parameters

Atelier Parameter	Description	Status	Accepted Value	Example	Notes	Client Parameter
CHAIN 1 GAUGE	Diameter of link in millimeter	Optional	Numerical value, zero decimal place. Always three character s - eg 010 not 10	010		
CHAIN 1 WIDTH	Chain width in millimeter	Optional	Numerical value, 2 decimal places	5.00		
CHAIN 1 LENGTH	Chain length in centimeter	Required/Dependent	Numerical value, 2 decimal places	45.00	Only required if Chain 1 Type is populated	
CHAIN 1 WEIGHT	Chain weight in gram	Required/Dependent	Numerical value, 2 decimal places	4.50	Only required if Chain 1 Type is populated	
CHAIN 1 (EXTRA DETAILS)	Wild text field for internal reference	Optional	Character string limited to 30 characters			
<i>System will accept up to 2 chains</i>						
FINDING 1 CATEGORY	Type of finding used with the sample	Optional	See Finding Category list	clasp - lobster		
FINDING 2 CATEGORY	Type of finding used with the sample	Optional	See Finding Category list	other - extender chain		
<i>System will accept up to 4 findings</i>						
<b>STONES</b>						
STONE 1 CATEGORY	Family of stone	Required	See Stone Category list	gemstone		
STONE 1 TYPE	Type of stone	Required	See Stone Type list	jade		
STONE 1 CUT	Stone cutting	Required	See Stone Cutting list	cabochon		
STONE 1 SHAPE	Stone shape	Required	See Stone Shape list	oval		Shape
STONE 1 GRADE	Stone grade	Required	See Stone Grade list	AA		
STONE 1 COLOUR	Stone color	Required	See Stone Color list	green		Color
STONE 1 TREATMENT	Stone treatment	Required/Dependent	See Stone Treatment list	natural		
STONE 1 CERTIFICATE	Stone certificate	Required/Dependent	See Stone Certificate list	none		
STONE 1 ORIGIN	Stone country of origin	Required	See Stone Origin list	China		
STONE 1 SIZE	Stone size in millimeter	Required	Alphanumeric field, only alphabet character permitted = "x", numerical fields to 2 decimal places	6x4	Stone measurements can be varied: 6.431mm / 6.55x4.33mm / 6.0x5.0x4.0mm / 8x4x3x7mm	Size
STONE 1 CALCULATION	Stone calculation type	Required/Dependent	See Stone Calculation list	Price per carat	Do you want to show your stone pricing per piece or per carat?	
STONE 1 PRICE	Stone price based on the calculation type	Required	Numerical value, 2 decimal places	500.00	Enter your price per carat or per piece. This will not affect your quoted price. This will be visible to your customers.	
STONE 1 QTY	Total quantity of this stone size in the sample	Required	Numerical value, 0 decimal place	20		StoneQty
STONE 1 CARAT WEIGHT	Carat weight per stone	Optional	Numerical value, 4 decimal places	0.0005		
STONE 1 CODE	Wild text field for internal reference	Optional	Character string is unlimited		Some company use this field for adding their own proprietary special cut, other companies use it to insert a certificate number	
STONE 1 TOTAL CARAT	Total carat weight of this stone size in the sample	Required	Numerical value, 4 decimal places	1.0255		StoneWt



## Step 2

- ✓ You provide your existing data export format from your current system
- ✓ Atelier integration architect will build an automated data migration tool for your company, one parameter at a time
- ✓ This process requires an experienced person from your company to help our architect map accurately

The image displays two Microsoft Excel windows side-by-side, illustrating a data mapping process. The left window, titled 'CLL\_CSV file.csv', shows a spreadsheet with columns I through S. The right window, titled 'CSV transformation file.xlsx', shows a spreadsheet with columns AR through AZ. A green arrow points from column S in the left spreadsheet to column AZ in the right spreadsheet. At the bottom of the right spreadsheet, a green box highlights the 'Output' and 'Input' buttons.

Image	Color	Shape	Size	Barcode	Material1	Total_Usd	Plating_Type	StoneAllWt	StoneWt	StoneQty	Spe
BES19931.JPG	SEOP	OS	4*6	BES19931A	S	19.93	GP0.25M	1.312	0.31	2	C
BES19931.JPG	SST	RS		1.2 BES19931A	S	19.93	GP0.25M	1.312	0.009	4	
BES19931.JPG	SST	RS		1.25 BES19931A	S	19.93	GP0.25M	1.312	0.006	20	
BES19931.JPG	SST	RS		1.5 BES19931A	S	19.93	GP0.25M	1.312	0.014	20	
BES19931.JPG	SWT	RS		1.2 BES19931A	S	19.93	GP0.25M	1.312	0.008	32	
BES19931B.JPG	SOPK	OS	4*6	BES19931B	S	17.28	OPF	3.842	0.315	2	C
BES19931B.JPG	SST	RS		1.2 BES19931B	S	17.28	OPF	3.842	0.009	4	
BES19931B.JPG	SST	RS		1.25 BES19931B	S	17.28	OPF	3.842	0.006	20	
BES19931B.JPG	SST	RS		1.5 BES19931B	S	17.28	OPF	3.842	0.14	20	
BES19931B.JPG	SWT	RS		1.2 BES19931B	S	17.28	OPF	3.842	0.008	32	
BES19933.JPG	SEOP	OS	4*6	BES19933A	S	17.9	GP0.25M	1.468	0.31	2	C
BES19933.JPG	SST	RS		1.5 BES19933A	S	17.9	GP0.25M	1.468	0.014	40	
BES19933.JPG	SWT	RS		1.25 BES19933A	S	17.9	GP0.25M	1.468	0.009	32	
BES19933B.JPG	SOPK	OS	4*6	BES19933B	S	18.78	OP1M	1.718	0.315	2	C
BES19933B.JPG	SRH	RS		1.5 BES19933B	S	18.78	OP1M	1.718	0.02	40	
BES19933B.JPG	SWT	RS		1.25 BES19933B	S	18.78	OP1M	1.718	0.009	32	
BES19934.JPG	SEOP	OS	4*6	BES19934A	S	12.66	GPF	110.932	55.34	2	C
BES19934.JPG	SWT	RS		1 BES19934A	S	12.66	GPF	110.932	0.007	36	
BES19934.JPG	Y34	RS		1.25 BES19934A	S	12.66	GPF	110.932	0	44	
BES19934B.JPG	SOPK	OS	4*6	BES19934B	S	17.14	GPF	1.146	0.315	2	C
BES19934B.JPG	SRH	RS		1.25 BES19934B	S	17.14	GPF	1.146	0.006	44	
BES19934B.JPG	SWT	RS		1 BES19934B	S	17.14	GPF	1.146	0.007	36	
BES19937.JPG	MDI	RS		1 BES19937A	S	3.99	RPF	0.01	0.005	2	
BES19941.JPG	SAM	OS	5*7	BES19941A	S	5.85	XP	1.56	0.75	2	
BES19941.JPG	SAMF	RS		0.9 BES19941A	S	5.85	XP	1.56	0.005	12	
BES19941B.JPG	CZ	RS		0.9 BES19941B	S	2.94	OPF	1.236	0.008	12	
BES19941B.JPG	GR1	OS	5*7	BES19941B	S	2.94	OPF	1.236	0.57	2	
BES19942.JPG	SBT	RS		6 BES19942A	S	10.33	XP	2.048	1	2	
BES19942.JPG	SSB	RS		0.9 BES19942A	S	10.33	XP	2.048	0.004	12	
BES19942B.JPG	CZ	RS		0.9 BES19942B	S	6.28	OPF	2.326	0.008	12	
BES19942B.JPG	Y50	RS		6 BES19942B	S	6.28	OPF	2.326	1.115	2	
BES19946.JPG	SEOP	OS	4*6	BES19946A	S	20.74	RP0.25M	2.36	0.31	2	C
BES19946.JPG	SWT	RS		1.3 BES19946A	S	20.74	RP0.25M	2.36	0.01	12	
BES19946.JPG	Y34	TL	3*3	BES19946A	S	20.74	RP0.25M	2.36	0.135	12	
BES19946B.JPG	SOPK	OS	4*6	BES19946B	S	16.91	WOF	1.05	0.315	2	C
BES19946B.JPG	SRH	OS	3*3	BES19946B	S	16.91	WOF	1.05	0.025	12	
BES19946B.JPG	SWT	RS		1.3 BES19946B	S	16.91	WOF	1.05	0.01	12	
BES19993.JPG	CZ	RS		1.5 BES19993A	S	16.23	WP	1.196	0.029	24	
BES19993.JPG	Y34	OS	3*5	BES19993A	S	16.23	WP	1.196	0.25	2	
BES19993.JPG	Y34	RS		2.25 BES19993A	S	16.23	WP	1.196	0	24	



## Step 4

- Atelier integration architect will map your parameters to our parameters

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E	F
1	ATELIER PARA	CLIENT PARA	CLIENT NOTE	ATELIER OPTION 1	ATELIER LIST 1	ATELIER OPTION 2
2	CATEGORY			bangles & bracelets	banglesbracelets	
3	CATEGORY			cufflinks & bodywear	cufflinksbodywear	
4	CATEGORY	EE	earrings	earrings	earrings	
5	CATEGORY	PP	pendants	necklaces & pendants	necklacespendants	
6	CATEGORY	NN	necklets	necklaces & pendants	necklacespendants	
7	CATEGORY	RR	rings	rings	rings	
8	CATEGORY			mixed set	mixedset	
9	CATEGORY			packaging		
10	CATEGORY			watches		
11	METAL TYPE	S	silver	silver		
12	METAL TYPE					
13	METAL TYPE					
14	METAL TYPE					
15	METAL TYPE					
16	PLATING METAL	GP	gold plate	gold		yellow
17	PLATING METAL	RP	rhodium plate	rhodium		
18	PLATING METAL	OP	?			
19	PLATING METAL	XP	?	gold		rose
20	PLATING METAL	WO	?			
21	PLATING METAL	WP	?			
22	PLATING METAL					
23	PLATING METAL					
24						

## Step 5

- Some parameters will be constants

The screenshot shows the Microsoft Excel interface. The ribbon is set to 'Home'. The active cell is D5. The spreadsheet contains the following data:

	A	B	C	D	E
1	ATELIER PARA	CLIENT PARA	CLIENT NOTE	ATELIER OPTION	
2	PLATING METHOD	N/A	always galvanic / electroplating	galvanic / electroplating	
3	PLATING GUARANTEED	N/A	default should be "No"	No	
4					
5					
6					
7					
8					
9					
10					
11					
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14					
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18					
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20					
21					
22					
23					
24					
25					



# Step 6

Section by section we will translate your parameters to our required parameters

integration CLL v.1 — Saved to my Mac

Home Insert Page Layout Formulas Data Review View Developer

AutoSave OFF

Calibri (Body) 11

Wrap Text Merge & Center

Conditional Formatting Format as Table Cell Styles

UC28

TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD
1	Plating_Type											
2	MOQ					PLATING METHOD	PLATING GUARANTEED	PLATING 1 METAL	PLATING 1 COLOUR	PLATING 1 MICRON	PLATING 2 METAL	PLATING 2 COLOUR
3	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
4	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
5	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
6	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
7	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
8	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
9	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
10	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
11	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
12	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
13	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
14	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
15	GP0.25M	GP0.25M	GP	0.25M	0.2	galvanic / electroplating	No	gold	yellow	0.25		
16	OP1M	OP1M	OP	1M	1	galvanic / electroplating	No			1		
17	OP1M	OP1M	OP	1M	1	galvanic / electroplating	No			1		
18	OP1M	OP1M	OP	1M	1	galvanic / electroplating	No			1		
19	GPF	GPF	GP	F		galvanic / electroplating	No	gold	yellow	0.05		
20	GPF	GPF	GP	F		galvanic / electroplating	No	gold	yellow	0.05		
21	GPF	GPF	GP	F		galvanic / electroplating	No	gold	yellow	0.05		
22	GPF	GPF	GP	F		galvanic / electroplating	No	gold	yellow	0.05		
23	GPF	GPF	GP	F		galvanic / electroplating	No	gold	yellow	0.05		
24	GPF	GPF	GP	F		galvanic / electroplating	No	gold	yellow	0.05		
25	RPF	RPF	RP	F		galvanic / electroplating	No	rhodium		0.05		
26	XP	XP	XP			galvanic / electroplating	No	gold	rose			
27	XP	XP	XP			galvanic / electroplating	No	gold	rose			
28	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
29	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
30	XP	XP	XP			galvanic / electroplating	No	gold	rose			
31	XP	XP	XP			galvanic / electroplating	No	gold	rose			
32	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
33	OPF	OPF	OP	F		galvanic / electroplating	No			0.05		
34	RP0.25M	RP0.25M	RP	0.25M	0.2	galvanic / electroplating	No	rhodium		0.25		
35	RP0.25M	RP0.25M	RP	0.25M	0.2	galvanic / electroplating	No	rhodium		0.25		
36	RP0.25M	RP0.25M	RP	0.25M	0.2	galvanic / electroplating	No	rhodium		0.25		
37	WOF	WOF	WO	F		galvanic / electroplating	No			0.05		
38	WOF	WOF	WO	F		galvanic / electroplating	No			0.05		
39	WOF	WOF	WO	F		galvanic / electroplating	No			0.05		
40	WP	WP	WP			galvanic / electroplating	No					
41	WP	WP	WP			galvanic / electroplating	No					
42	WP	WP	WP			galvanic / electroplating	No					

Output Processing Input Constants LookUps Lists +

Ready Circular References: UC8

# Step 7

- ☑ The end result will be > 95% automated process to prepare your data for batch upload to Atelier
- ☑ Your staff will be able to paste your existing Excel export format into our Integration file, and instantly save our upload format

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Home Insert Page Layout Formulas Data Review View Developer

Calibri (Body) 11 A A

Wrap Text Merge & Center

Conditional Formatting Format as Table Cell Styles

Insert Delete Form

J22 =IFERROR((HLOOKUP(J\$1,Processing!\$2:\$301,\$A22,FALSE)),)

A	B	C	D	E	F	G	H	I	J	K	L
S COLUMN	your name	CREATED DATE	CATEGORY	SUB-CATEGORY	IMAGE FILE 1	IMAGE FILE 2	IMAGE FILE 3	IMAGE FILE 4	NAME	SUPPLIER CODE	SELL METHOD
2	2		earrings		BES19931.JPG					BES19931	
3	3		earrings		BES19931.JPG					BES19931	
4	4		earrings		BES19931.JPG					BES19931	
5	5		earrings		BES19931.JPG					BES19931	
6	6		earrings		BES19931.JPG					BES19931	
7	7		earrings		BES19931B.JPG					BES19931	
8	8		earrings		BES19931B.JPG					BES19931	
9	9		earrings		BES19931B.JPG					BES19931	
10	10		earrings		BES19931B.JPG					BES19931	
11	11		earrings		BES19931B.JPG					BES19931	
12	12		earrings		BES19933.JPG					BES19933	
13	13		earrings		BES19933.JPG					BES19933	
14	14		earrings		BES19933.JPG					BES19933	
15	15		earrings		BES19933B.JPG					BES19933	
16	16		earrings		BES19933B.JPG					BES19933	
17	17		earrings		BES19933B.JPG					BES19933	
18	18		earrings		BES19934.JPG					BES19934	
19	19		earrings		BES19934.JPG					BES19934	
20	20		earrings		BES19934.JPG					BES19934	
21	21		earrings		BES19934B.JPG					BES19934	
22	22		earrings		BES19934B.JPG					BES19934	
23	23		earrings		BES19934B.JPG					BES19934	
24	24		earrings		BES19937.JPG					BES19937	
25	25		earrings		BES19941.JPG					BES19941	
26	26		earrings		BES19941.JPG					BES19941	
27	27		earrings		BES19941B.JPG					BES19941	
28	28		earrings		BES19941B.JPG					BES19941	
29	29		earrings		BES19942.JPG					BES19942	
30	30		earrings		BES19942.JPG					BES19942	
31	31		earrings		BES19942B.JPG					BES19942	
32	32		earrings		BES19942B.JPG					BES19942	
33	33		earrings		BES19946.JPG					BES19946	
34	34		earrings		BES19946.JPG					BES19946	
35	35		earrings		BES19946.JPG					BES19946	
36	36		earrings		BES19946B.JPG					BES19946	
37	37		earrings		BES19946B.JPG					BES19946	
38	38		earrings		BES19946B.JPG					BES19946	
39	39		earrings		BES19993.JPG					BES19993	
40	40		earrings		BES19993.JPG					BES19993	
41	41		earrings		BES19993.JPG					BES19993	
42	42		earrings		BES19994.JPG					BES19994	

Output Processing Input Constants LookUps Lists +

Ready Circular References

# Critical Path

**Milestone 1: <enter date>**

**Objective**

identification of common fields, using the Atelier Schema Documentation

identify easy mapping parameters

**Milestone 2: <enter date>**

**Objective**

missing data handling:  
**either** increase fields exported from your system **or** create automated handling for missing data

complete required parameters

**Milestone 3: <enter date>**

**Objective**

Achieve >95% automation of process

enable vendor to rapidly upload large volumes of data

**Milestone 4: <enter date>**

**Objective**

Migrate vendor to direct upload permission

enable vendor to upload by batch directly to system without Atelier support

**Milestone 5: <enter date>**

**Objective**

Now mapping is complete and process stable, automate export file upload from system to system

enable vendor to automatically sync ERP with Atelier (hourly, daily)



## Actions from you

- Please provide us exported sample data in excel or csv format from either ERP database or others.
- Please provide us the list of attributes of each parameter.

## Actions from Atelier

- Investigate provided parameters
- Map your provided attributes with Atelier attributes.
- Revert some questions about your parameters or attributes (if applicable)
- Create the integration file
- Deliver the integration file to you with instructions

# End results

- ✓ Input new sample data into “input\_file”
- ✓ Update your new attributes (if applicable) in “list\_attributes\_file”
- ✓ Export the end result in CSV format from “output\_file”

The screenshot shows a Windows File Explorer window titled 'Atelier Technology'. The ribbon includes 'File', 'Home', 'Share', and 'View'. The ribbon tabs are 'Clipboard', 'Organize', 'New', 'Open', and 'Select'. The address bar shows the path 'Atelier Technology' and a search box 'Search Atelier Technology'. The left sidebar shows 'Quick access' with links to OneDrive, This PC, 3D Objects, Desktop, Documents, Downloads, Music, Pictures, Videos, Local Disk (C:), Google Drive File Stream (G:), and Network. The main pane displays a table of files:

Name	Date modified	Type	Size
input_file	12-Aug-19 8:43 PM	Microsoft Excel Work...	7 KB
list_attributes_file	12-Aug-19 8:43 PM	Microsoft Excel Work...	7 KB
output_file	12-Aug-19 8:44 PM	Microsoft Excel Work...	7 KB





**Thank you for your attention.**

Please contact us at [support@atelier.technology](mailto:support@atelier.technology) to book an appointment with your local integration team