

Interface

Connexion facilité avec tous les systèmes communs

The image displays the ASPROVA software interface, which facilitates database connections. On the left, a list of OLE DB providers is shown, with 'Microsoft OLE DB Provider for ODBC Drivers' selected. The main window, titled 'manufacturing order-Field Mapping', contains two columns for mapping internal and external fields. The 'Internal Property' column lists fields such as Order code, Order type, Item code, EST, Due date, Order quantity, Priority, Customer code, Display color, Version, Assignment direction, Production factor, Due date leeway, Process properties, Disabled flag, Operation results, Auto-replenished flag, and Next orders. The 'External fields' column lists corresponding fields like Order code, Order type, Item code, EST, Due date, Order quantity, Priority, Customer code, Display color, Version, Assignment direction, Production factor, Due date leeway, Process properties, Disabled flag, Operation results, Auto-replenished flag, and Next orders.

Code	Internal Property	Code	External fields
1	Internal Property	1	External fields
2	Order code	2	Order code
3	Order type	3	Order type
4	Item code	4	Item code
5	EST	5	EST
6	Due date	6	Due date
7	Order quantity	7	Order quantity
8	Priority	8	Priority
9	Customer code	9	Customer code
10	Display color	10	Display color
11	Version	11	Version
12	Assignment direction	12	Assignment direction
13	Production factor	13	Production factor
14	Due date leeway	14	Due date leeway
15	Process properties	15	Process properties
16	Disabled flag	16	Disabled flag
17	Operation results	17	Operation results
18	Auto-replenished flag	18	Auto-replenished flag
19	Next orders	19	Next orders
20	Comments	20	Comments

Interaction entre les systèmes ERP et Asprova



- **Management des données principales et transactionnelles**

Par exemple:

- Ordres
- Nomenclatures
- Plans de travail
- Inventaires
- Résultats de production

■

...



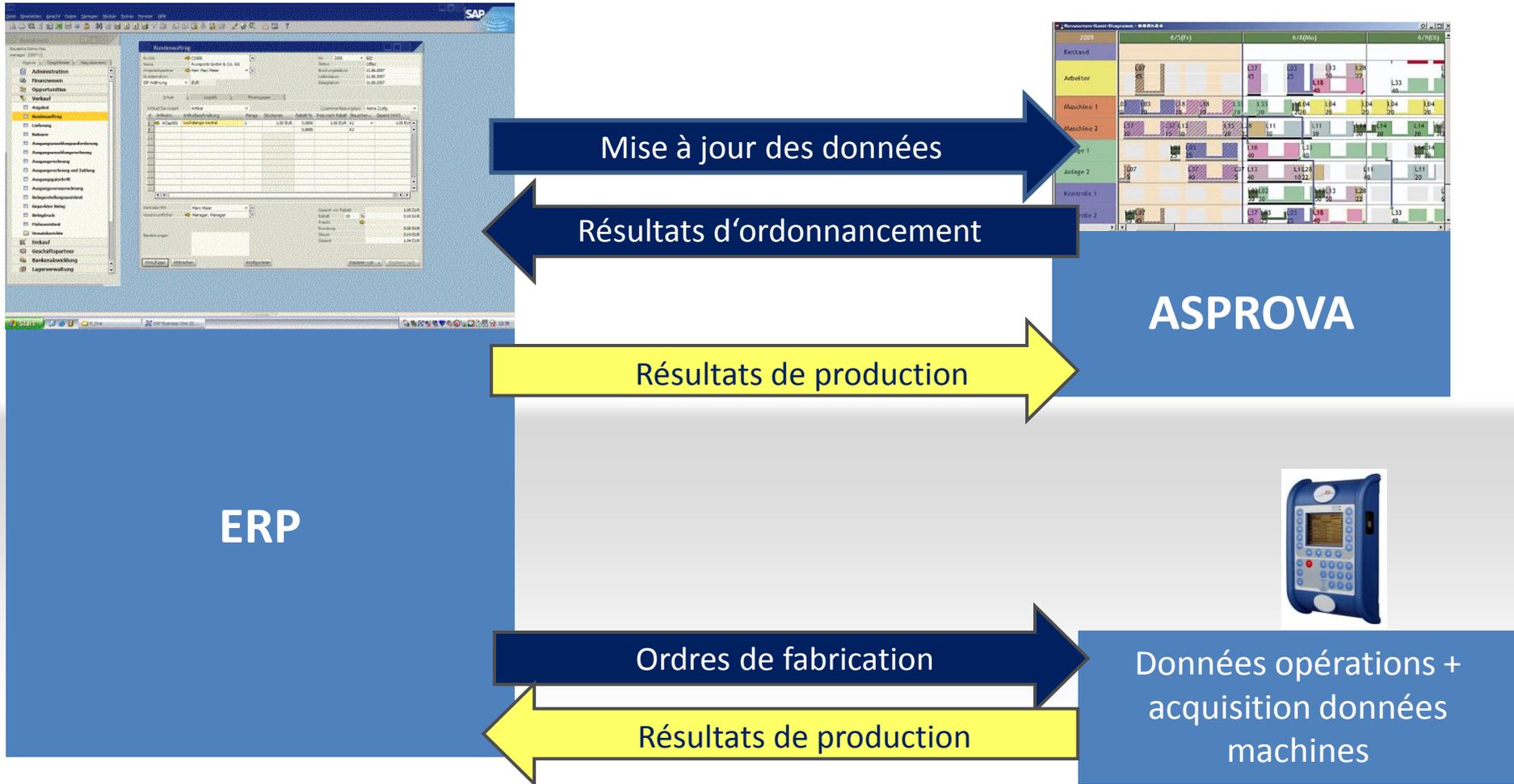
Info@DOQS.ch

- **Planning, ordonnancement, simulation, analyse et optimisation**

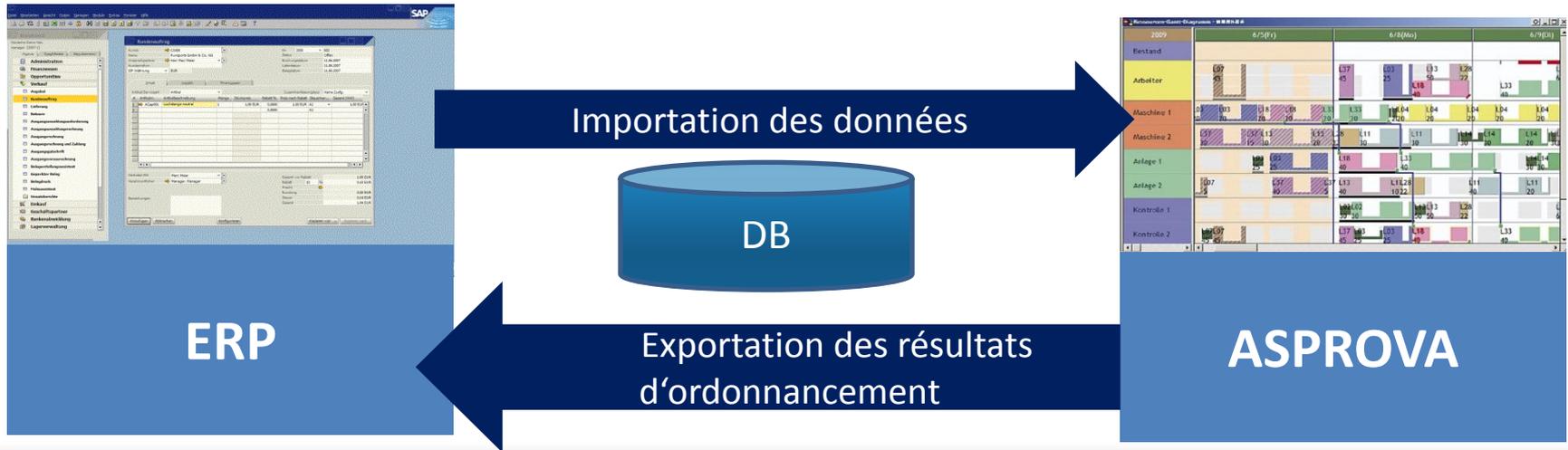
- **Préparation des ordres de fabrication**

Systemes d'ordonnement pour une production LEAN **ASPROVA**

Interaction entre les systèmes ERP et Asprova

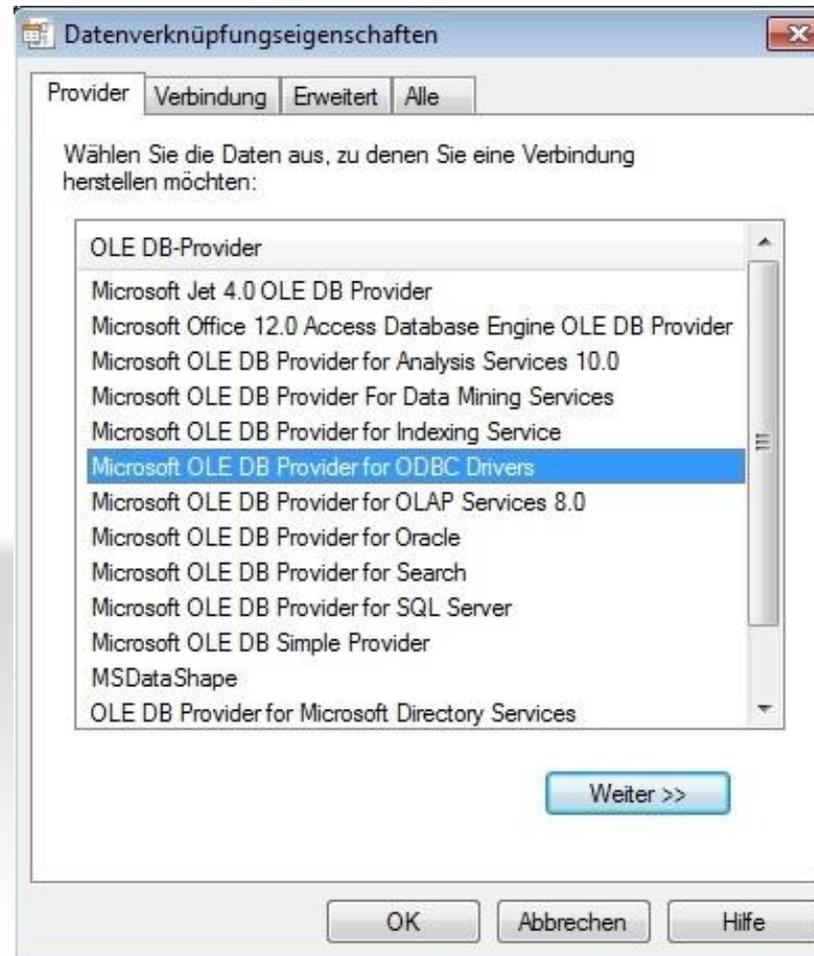


Interface avec les systèmes ERP



Communication avec des bases de données OLE ordinaires, comme SQL Server, Oracle, Access, etc.,
La communication avec les systèmes ERP/MES/PDA communs est facilitée

Interface avec les systèmes ERP



Préparation de l'interface

Data I/O table

	Code	Internal table name	Data source	External table name	Date format	Field mapping	Import	Export
1	Order	Order	OLEDB	order.tbl	Y/M/D	Order code;Ord	Yes (differential)	Yes (differential)
2	Manufacturing order	Order	OLEDB	manufacturingOrd	Y/M/D	Order code;Ord	Yes (differential)	No
3	Purchase order	Order	OLEDB	purchaseOrder.tbl	Y/M/D	Order code;Ord	Yes (differential)	No
4	Sales Order	Order	OLEDB	salesOrder.tbl	Y/M/D	Order code;Ord	Yes (differential)	No
5	unofficial order	Order	OLEDB	unofficialOrder.tbl	Y/M/D	Order code;Ord	Yes (differential)	No
6	Inventory	Order	OLEDB	inventory.tbl	Y/M/D	Order code;Ord	Yes (differential)	No
7	Integrated master data	IntegratedMast	OLEDB	master.tbl	Y/M/D	Final item code;	Yes (differential)	Yes (differential)
8	Resource	Resource	OLEDB	res.tbl	Y/M/D	Resource code;	Yes (differential)	Yes (differential)
9	Item	Item	OLEDB	item.tbl	Y/M/D	Item code;Item n	Yes (differential)	Yes (differential)
10	Calendar	Calendar	OLEDB	calendar.tbl	Y/M/D	Resource code;	No	No
11	Shift	Shift	OLEDB	shift.tbl	Y/M/D	Shift code;Patte	No	No
12	Process	Process	OLEDB	process.tbl	Y/M/D	Process code;P	Yes (differential)	Yes (differential)
13	Customer	Customer	OLEDB	customer.tbl	Y/M/D	Customer code;	Yes (differential)	Yes (differential)
14	Operation	Operation	Text file	operation.tbl	Y/M/D	Order code;Cod	Yes (differential)	Yes (differential)
15	Task	Task	Text file	task.tbl	Y/M/D	Operation code;	No	Yes (differential)
16	Instruction	InputWorkInstr	Text file	inputinst.tbl	Y/M/D	Item code;Time;	No	No
17	Output-instruction	OutputWorkInstr	Text file	outputinst.tbl	Y/M/D	Item code;Time;	Yes (differential)	Yes (differential)

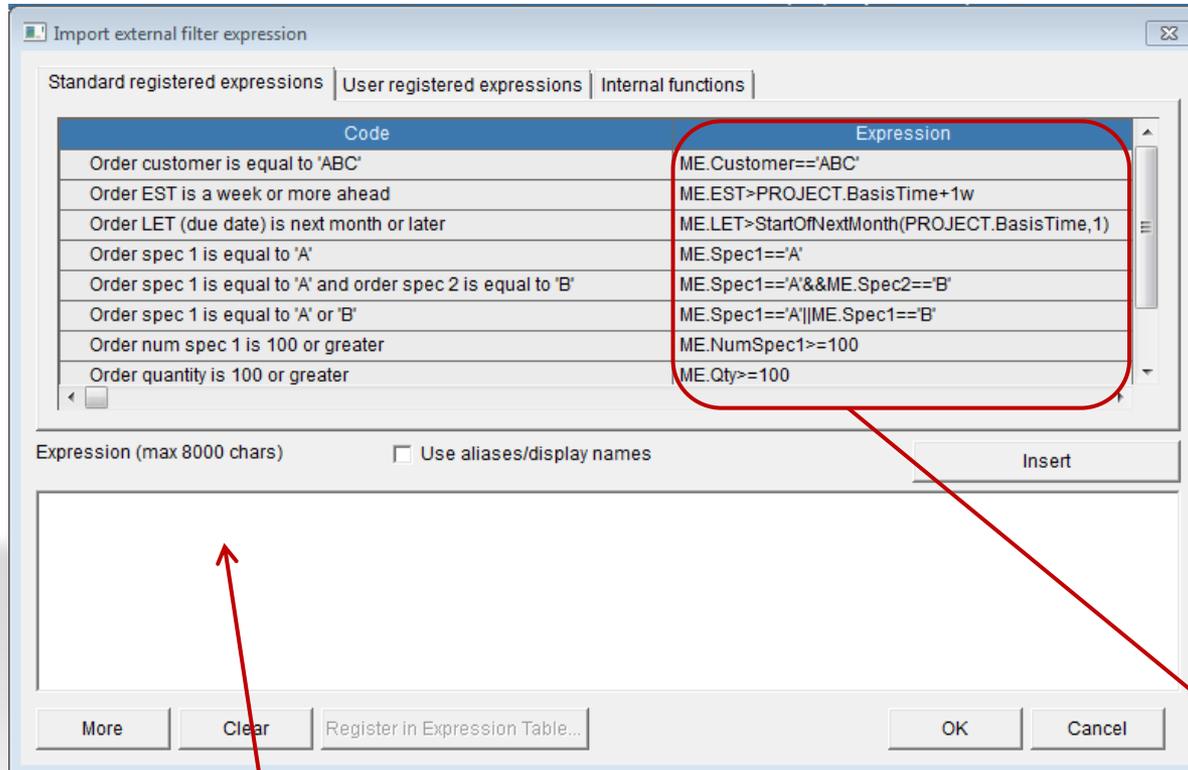
Préparation de l'interface

	Code	Internal table name	Data source	External table name	Date format	Field mapping	Import	Export
1	Order	Order	OLEDB	order.tbl	Y/M/D	Order code;Order type;	Yes (differential)	Yes (differential)

Indexation des champs

Noms des colonnes dans Asprova		Noms des colonnes dans la base de données	
	Code		Code
1	<input type="checkbox"/> Internal Property	1	<input type="checkbox"/> External fields
2	- Order code	2	- Order code
3	- Order type	3	- Order type
4	- Item code	4	- Item code
5	- EST	5	- EST
6	- Due date	6	- Due date
7	- Order quantity	7	- Order quantity
8	- Priority	8	- Priority
9	- Customer code	9	- Customer code

Filtre d'importation et d'exportation



Filtrage possible des données importées et exportées, par exemple si vous désirez n'exporter que les ordres de fabrication

Quantité d'expressions sont prédéfinies

Si nécessaire, vous pouvez également entrer des expressions personnalisées

Conversion de propriétés durant les phases d'importation et d'exportation

Code	Expression
The qty of event order is 1	ME.Qty=1
The display color of event order	ME.Order_Color=31
Set order code as event order comments	ME.Comments=ME.Event.Code

Expression (max 8000 chars) Use aliases/display names

Il est possible de déterminer une expression pour convertir une propriété, par exemple pour convertir des unités lors de la phase d'exportation

DOQS

Maria Paris

+ 41 21 560 56 46

Frank Paris

+ 41 78 781 07 04

Info@doqs.ch

