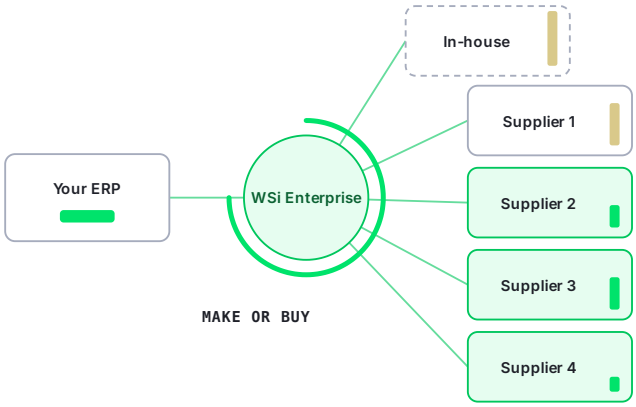
WSI ENTERPRISE · CORPORATE SOLUTION

Source sheet metal parts straight from your ERP system

WSi Enterprise is the corporate solution for buying sheet metal parts. Your ERP system – SAP, for example – sends assemblies to the WSi Enterprise REST API. WSi calculates them for your own production and for every connected supplier, so you see at once: make or buy. The quote returns to your ERP automatically, and the order takes the same route.



ON AVERAGE

Bought for less, delivered sooner

Average figures from companies that buy their sheet metal parts with WSi Enterprise.

−15%

Part costs

Every assembly is costed in-house and at every suitable supplier, and the best quote is chosen automatically.

Before
With WSi Enterprise

−30%

Procurement time

Request, quote and order run automatically between your ERP and the suppliers, with no manual handoffs.

Before
With WSi Enterprise

−95%

Time spent in purchasing

Requesting, comparing quotes and ordering: what used to be manual work in purchasing, WSi Enterprise does automatically.

Before
With WSi Enterprise

IN USE AT

SIEMENS · MAGNA · CLAAS · spanflug

How it works

Two flows over the same interface: first the price, then the order. Your ERP system remains the leading system throughout.

COSTING

From the ERP to a quote

1. **Export from the ERP**
   The assembly is exported from your ERP system, for example SAP: its data as JSON together with the STEP models.
2. **Request to the REST API**
   The assembly goes to the WSi Enterprise REST API as an HTTP request.
3. **Data mapping**
   Your identifiers for material, operation and surface finish are translated into each supplier's own.
4. **Costing: in-house and suppliers**
   WSi unfolds the assembly's sheet metal parts and costs it for your own production and for every connected supplier – from the same data, so the results compare.
5. **Make or buy**
   In-house or bought in: the costings show who can make the assembly and at what cost. In-house production and Supplier 1 cannot weld and drop out; the choice is made by price, lead time and availability.
6. **Quotes back to the ERP**
   The quotes of every suitable supplier come back as JSON, and an import tool brings them into your ERP system.

PROCUREMENT

From the ERP to the supplier

1. **Order in the ERP**
   The order is created in your ERP system as usual and sent as JSON with the STEP models.
2. **Trigger the order**
   An HTTP request to the WSi Enterprise REST API places the order.
3. **Data mapping**
   The order, too, is given the chosen suppliers' identifiers.
4. **At the suppliers**
   The order arrives directly in the suppliers' ERP systems and in their WSi, with everything production needs.
5. **Manufacturing**
   Supplier 2 laser-cuts the flat patterns, bends the parts and welds the assembly. Supplier 4 then gives it its finish – powder-coated, painted or galvanized – and it comes back to you finished: the data from your ERP has become a real part.

A network included

WSi Enterprise comes with the network of sheet metal manufacturers who calculate with WSi – and all their machines. We connect your existing suppliers as well.

200+
Sheet metal manufacturers in the network

560+	1,800+	2,000+	400+
Laser machines	Press brakes	Welding stations	Powder coating and wet painting stations

Let's talk about your procurement.

We'll show you how WSi Enterprise connects your ERP system to your sheet metal suppliers – and what it takes to connect it.

Contact
WSoptics GmbH
Südliche Keltenstraße 3, 86972 Altenstadt
+49 8861 92801 00
+1 708 7874 498
mail@wsoptics.de
www.wsoptics.de/en/wsi-enterprise/