Seamless ERP Integration in E-Procurement

Building bridges with the PunchOut Connect Plug-in

ERP SYSTEM

ORDERS

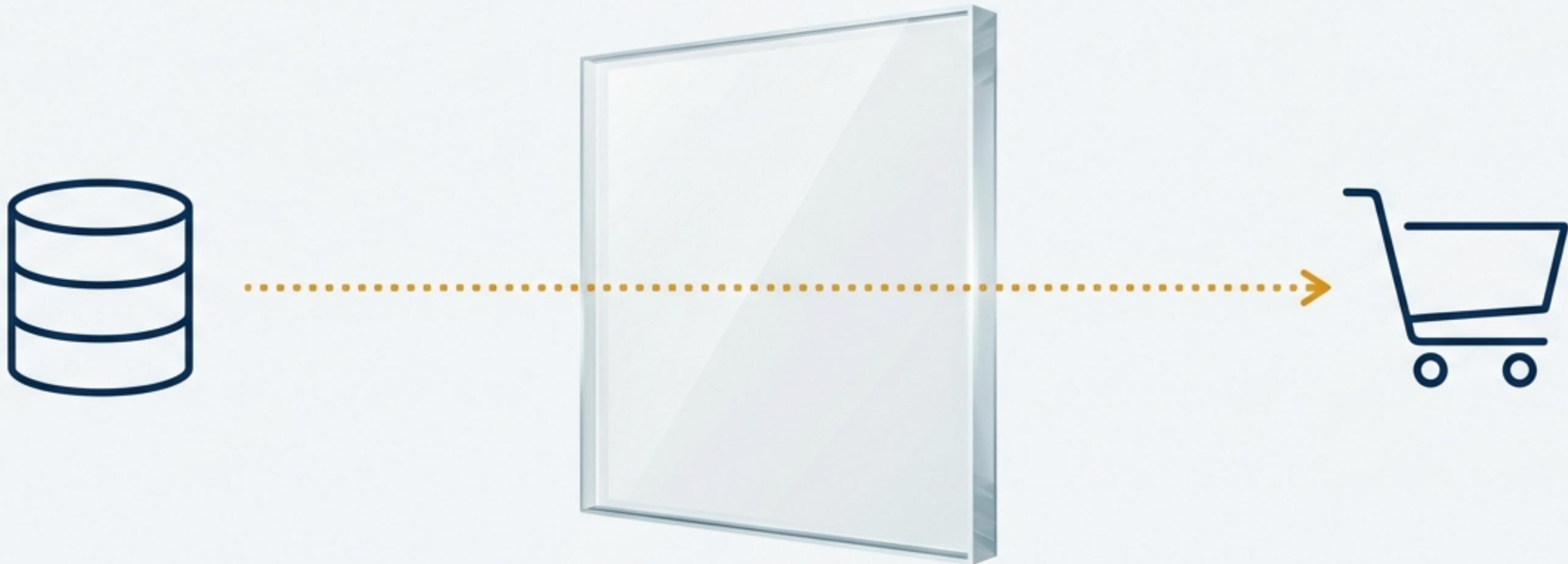INVOICES

WEBSHOP

NotebookLM
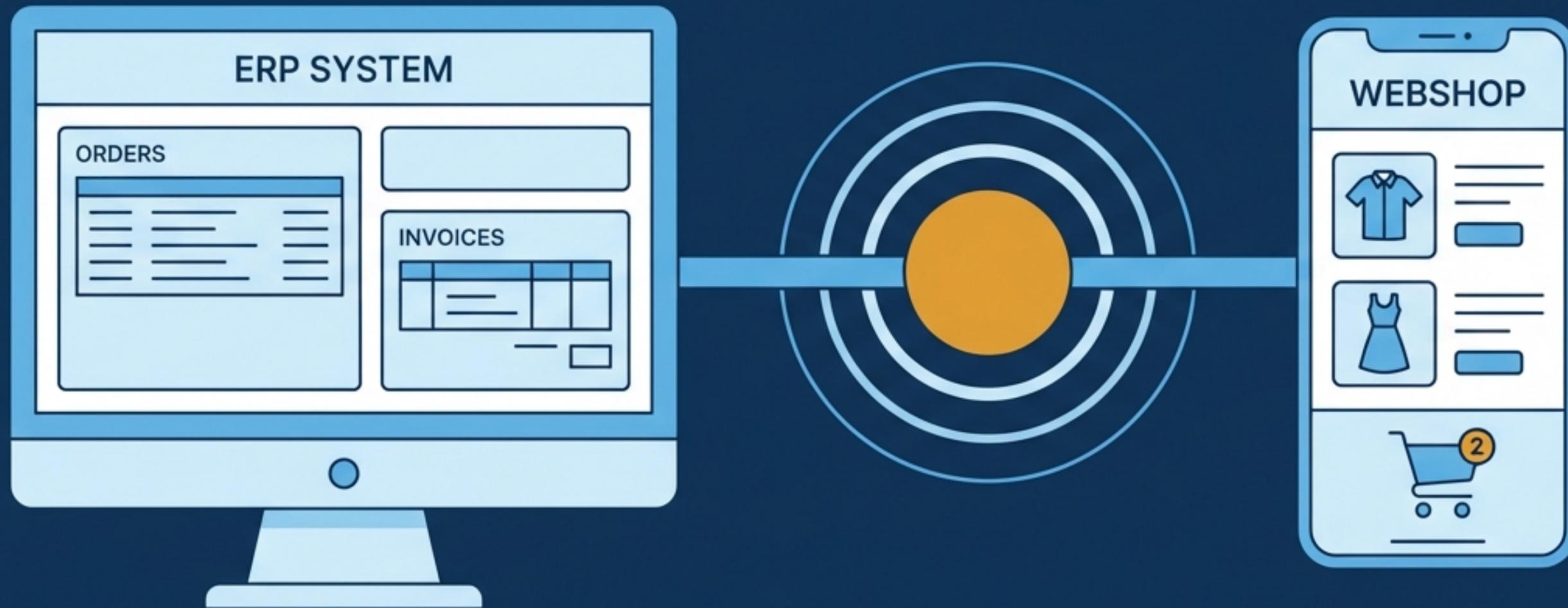
The Gap Between Procurement and Sales

Today's buyers expect supplier shops to seamlessly integrate into their existing internal procurement systems. Manual data maintenance disrupts this digital flow.

INTERNAL SYSTEM

DATA FLOW

CORPORATE DATABASE

ORDER

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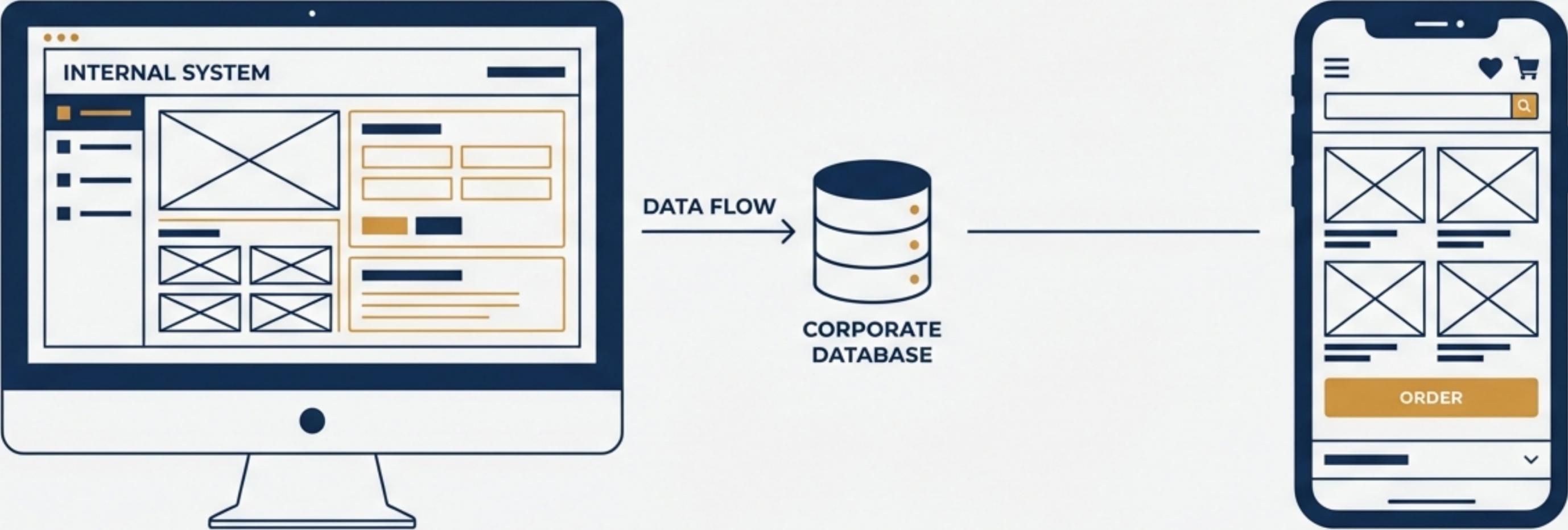
Live Access Instead of Static Data Imports

A PunchOut catalog enables a direct switch from the internal system to the webshop. Product data no longer needs to be painstakingly imported into your own system, as **access is live** to the current assortment.

The Seamless Process Cycle

Start in internal purchasing system

Forwarding to the supplier shop

Internal approval and order

Product selection and configuration

Shopping cart transfer back into the system

Operational Flexibility Meets Central Control

Prices and availability are always up to date without the need to maintain redundant data.

Internal processes such as budget checking, approval **workflows**, and compliance are fully preserved through the external connection

OCI – The Pragmatic SAP Standard

A lean interface for connecting external webshops.

- Uses a simple HTTP mechanism to pass session information.
- The shop sends shopping cart data back to the system directly as structured Name-Value pairs to generate purchase requisitions.
- Ideal for fast implementations.

cXML – The Scalable Integration Format

An XML-based exchange format designed for complex business processes.

Supports full document exchange via HTTPS, including purchase orders, invoices, and shipping notifications.

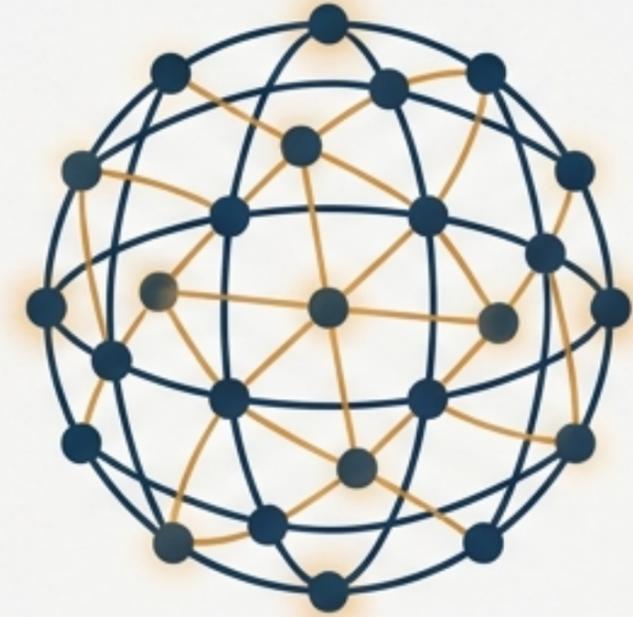The right choice for international platforms, multiple currencies, and deep process automation.

The Strategic Decision

OCI

- Recommended when SAP systems dominate.
- Focus on fast implementation.
- Sufficient if data exchange occurs purely at the shopping cart level.

cXML

- Recommended for multi-ERP environments.
- Ideal for large international clients.
- Necessary for continuous process automation through to invoicing.

The Shop as a B2B Integration Platform

A modular architecture makes the shop maintainable and flexible. The shop provides defined endpoints, processes session parameters, and takes over the consistent mapping of all ERP-relevant data to prevent drop-offs in the procurement process.
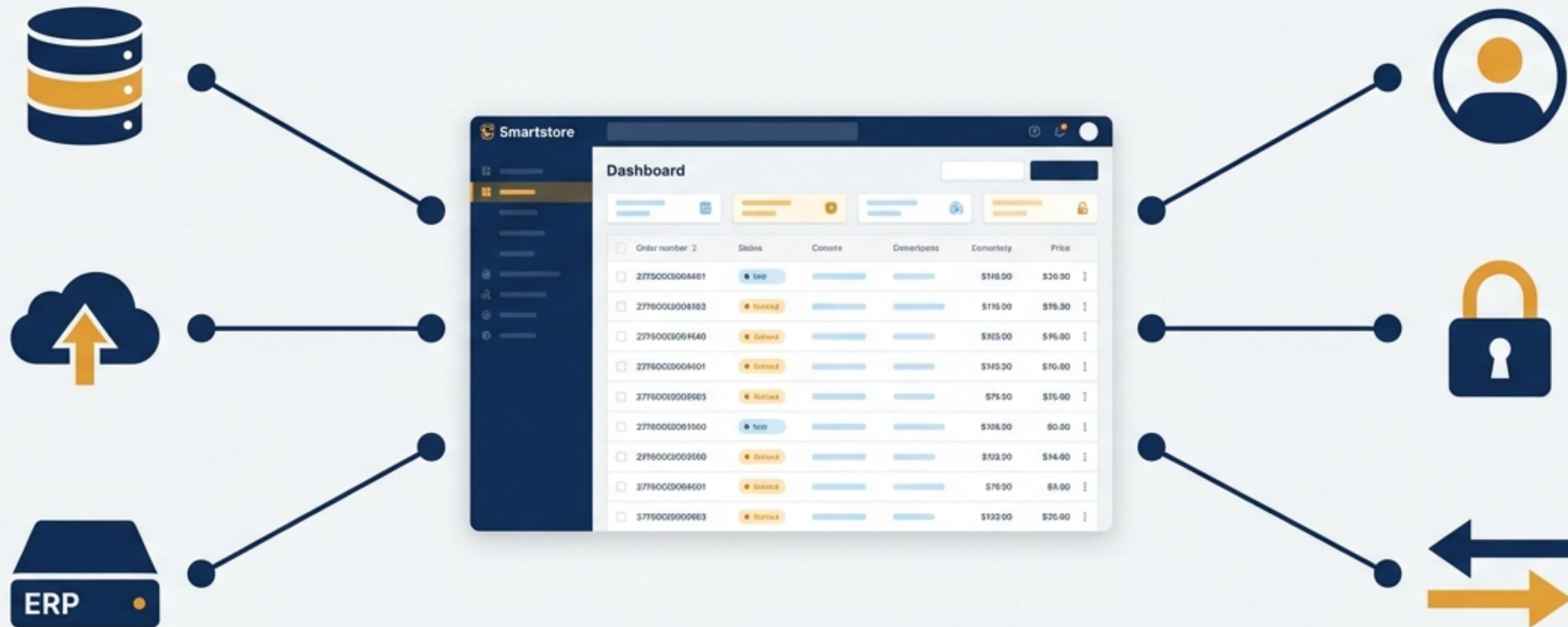
Security and Long-Term Stability

- This plug-in was developed directly by Smartstore and is continuously being enhanced.
- Benefit from maximum compatibility with all Smartstore versions, without dependence on third-party providers or additional interface risks.
- Updates occur seamlessly and without re-engineering effort.
- Secure your investment long-term, reduce maintenance costs, and retain full stability and control in the B2B environment – all from a single source.

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