FIELD OF APPLICATION
edbic convincing as smart service platform

Clever data matching and automatic integration ensure smooth transaction processes

20 years of digitalisation have led to a situation today in which most business transactions are handled electronically and many take place outside the company. Modern smart service platforms like **edbic** make sure that the data generated in these transactions are transmitted reliably to the companies involved.

Day in, day out, billions of business transactions take place in the global arena – either at the point of sale or on the Internet. Today, this is achieved by the interplay of a large number of company processes and large quantities of data and heterogeneous systems, and it features a great demand for network capacities. Modern commercial enterprises confront this challenge and invest systematically in smart service platforms.

edbic as smart data platform

### Data: consolidate, transform, make available

edbic depicts processes transparently, so that the transactions can be traced and monitored from the very first moment until final processing, for example in accounting. All the data on the **edbic** platform are brought together via adapters and then optionally transformed and consolidated. The data made available in this way can then be further processed automatically or individually. In that way, all the companies involved in the transaction can keep an eye on the whole process.

Processes: combine, depict, verify

Because a process transaction can be made up of a large number of subordinate sequences, **edbic** focuses the latter, creating a visualised depiction of the process as a whole and making it easy to verify and assess the contents. The advantage: errors become visible, adaptations can be made, and the security of future transactions is improved.

Systems: integrate and manage

edbic is a smart service platform which gathers data from different systems and integrates them intelligently. This gives rise to a stringent data flow which has interfaces, for example, to merchandise management applications such as order entry, prebilling, financial accounting or other systems in the supply chain. The transparent and interdisciplinary holism thus created puts companies in a position to manage, monitor and successfully conclude transactions – independent of data quantities and system requirements.
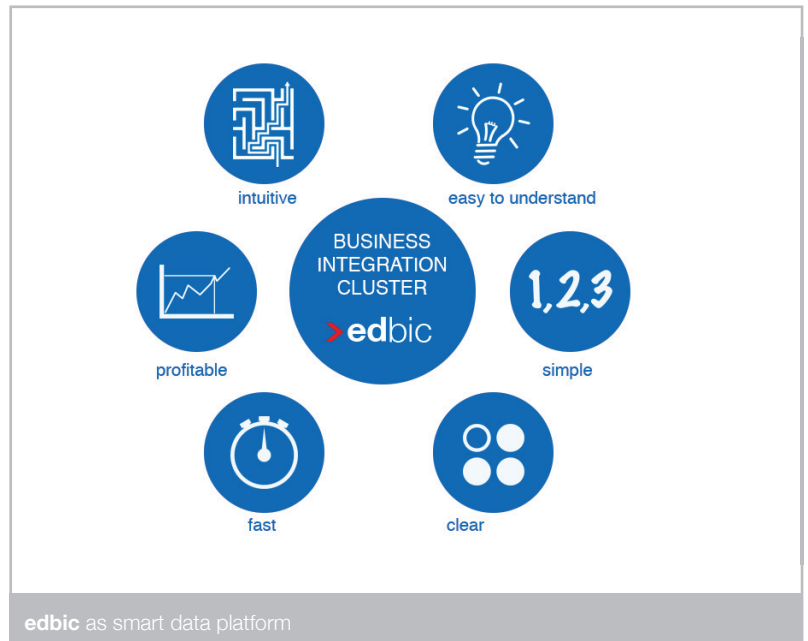
This diagram shows how data are integrated in **edbic** from various different sources and systems.
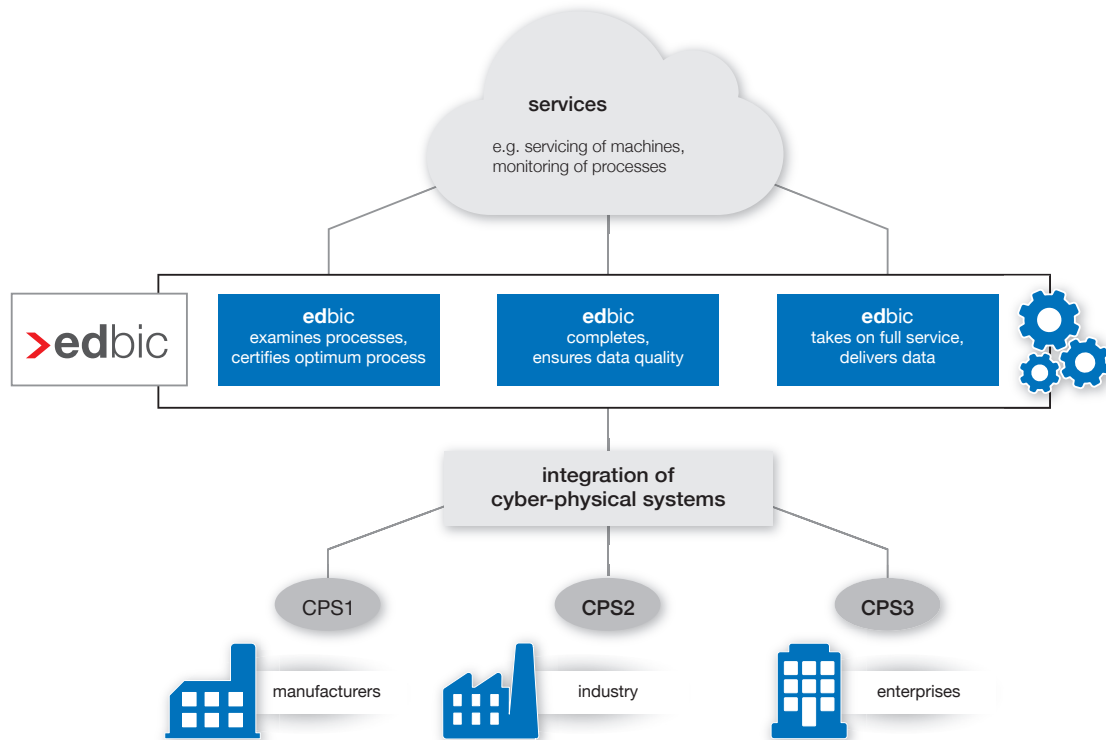
smart service platform – an overview

The challenge

A considerable number of sectors of the economy, such as trade, logistics, the pharmaceutical and automotive industries and their departments – production, purchasing, accounting and marketing to mention just a few of them – have to cope with a plethora of transactions every day.

These processes are management-intensive, and that is why many companies end up grappling with dissatisfied customers, unpaid invoices and data quantities they simply cannot cope with. The challenge here lies in the fact that on account of the complexity the errors that have been made cannot even be identified, let alone understood.

The aim

The aim is to store the entire transaction process and all the relevant information clearly on a central data platform, so that errors can be avoided and processes improved.

The solution

The deployment of **edbic** renders transactions transparent and comprehensible; they can be managed actively and corrected if necessary in order to avoid damage or optimise sequences. Thanks to the highly integrative character of **edbic**, large quantities of data and heterogeneous systems can also be managed in the best possible way, so that international transactions too can run reliably.

For further information: **www.edbic.de**