



**CLEVER**  
BUS

# A lightweight integration platform



Significant reduction of integration costs



Reliability and high performance



Shorter time to market

## CleverBus - a modern information superhighway

The CleverBus integration platform offers a modern way of connecting IT systems intelligibly, with reasonable costs, and of reacting flexibly to all changing business requirements. CleverBus operates as a go-between for the exchange of information between IT systems, allowing them to communicate between each other by a system of messages and requests. It does this quickly, reliably, and in real time.

CleverBus significantly increases the accessibility of the entire environment and allows certain systems to be shut down temporarily for maintenance purposes without any direct impact on the customer. It simplifies servicing activities thanks to an integrated perspective on the customer profile regardless of which system or technology is administering its data, including external sources (e.g. ARES, SOLUS and other public registers). CleverBus also reduces the burden on individual applications, since it obtains each piece of information only once and then automatically distributes it to all necessary recipients regardless of their number. Operations are not burdened by the long response-time of individual systems, and everything is quickly available and up-to-date.

Among other integration platforms CleverBus occupies the position of a light, open product that can be quickly implemented, easily modified, and yet thanks to its embrace of open source technology involves minimum acquisition costs. During its development great emphasis is laid on high performance, security, reliability and problem-free operations.



How do we achieve cost reduction?

The solution can deal with a far larger number of requests than previously in the same period of time.

Requirements are processed fully automatically and in larger scope than without the integration platform. The automatic processing of requests prevents the possibility of manual errors being made.

The operation process is simple from the customer's perspective and does not create unnecessary complications.

The number of queries to the infoline and the demands made on operators are reduced.



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## Types of integration processes

The CleverBus lightweight integration platform is an ESB (Enterprise Service Bus) product. It involves minimal expenses while allowing for the implementation of all regular types of integration processes.

CleverBus supports synchronous and asynchronous methods of communication, distributes information using both the point-to-point and publish-subscribe methods, checks whether the information is up to date, guarantees the delivery of messages and their correct sequence.

It contains resources for ensuring data persistence, data update checks, postponed delivery, automatic correction and recovery from errors, as well as a wide range of resources for administrators enabling them to learn of errors quickly and remedy them.

It makes life easier for developers thanks to its extensive support of automatic tests and use of only regularly available technology such as Spring Framework, etc.

## Drivers and adapters

It uses Apache Camel to process messages, which offers all the advantages associated with the large community of developers linked with this product, and the possibility of using the large set of drivers and extension components that exist for Apache Camel. This makes it possible to connect quickly and uniformly to basically any of the technologies used at present and restrict the negative impacts of such differences on the entire environment.

## Not only Software

Successful integration is not only about technology but a suitably designed architecture. This is why CleverBus is not simply software but contains instructions on how to design processes so that they are simple, effective and problem-free.

CleverBus consists of:

- **The core ESB**
- **Business components**
- **Documentation**
- **Suggested models**



## CleverBus Features

Open and certified technology.

Generally used standards (XML, XSLT, WSDL, etc.), no proprietary formats.

Zero licence costs from third parties.

A wide range of drivers, adapters and other components.

High performance and easy scalability.

Integrated security mechanisms.

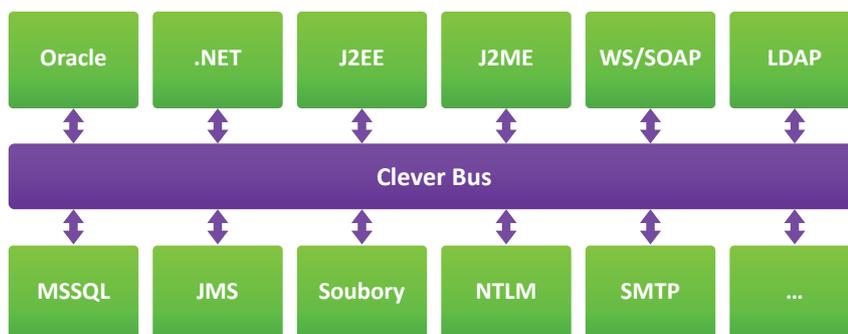
Resources for ease of management and operations.

Elimination of the technological differences of individual systems.

Clear and intelligible architecture.

Clear implications during changes.

## Unity of various environments



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Product pages

