

# RA Ecosystem Partner Solution

## MBS DALI Stack



### Solution Summary

The MBS DALI stack helps developers develop DALI-compatible operating devices such as push buttons or lights and control devices such as light sensors or motion sensors with one or more DALI control units in a very short time. It simplifies the development process for DALI 2.0 while significantly reducing development times and costs. Out-of-box support is now available for the [RA family of MCUs](#).

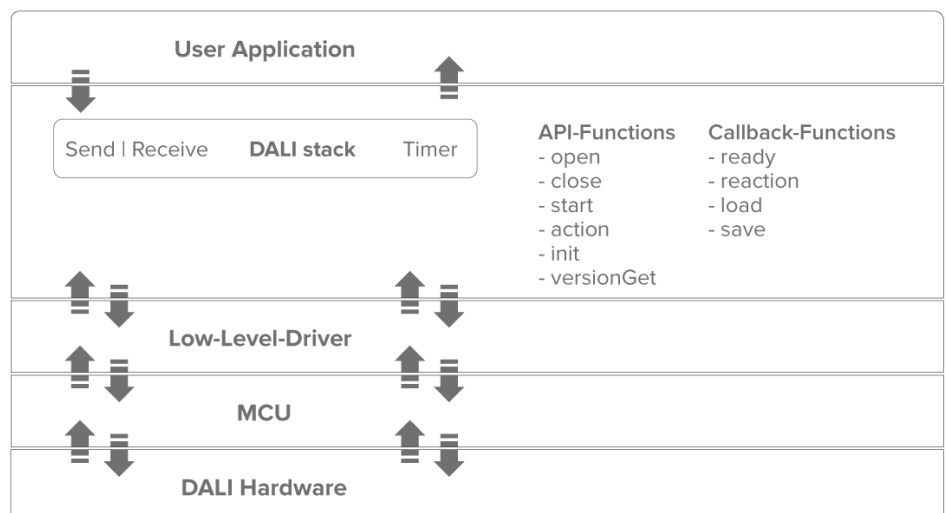
### Features/Benefits

- Simplifies and speeds up the development of devices compatible with DALI 2.0
- Significantly reduces development costs
- Provides the core functions and software components needed for the development of control and operating devices compatible with DALI 2.0
- The application program communicates with other DALI control and operating devices via the stack API function
- Users require no DALI knowledge for this, they can concentrate fully on the actual application

### Diagrams/Graphics

#### The architecture

The Dali stack is available as a library and as source code.



### Target Markets and Applications

- Lighting Management
- Building solutions
- Lighting control in large buildings



## **MBS GmbH**

MBS has been an innovator in industrial and building automation for more than 30 years, delivering state-of-the-art hard- and software and assisting our customers in solving their technical needs.

The MBS Universal gateways are based on the same product platform and therefore offer an extraordinary degree of versatility and flexibility for adapting to changing requirements – an advantage that results in especially low total costs. In addition, MBS offers full service, customized software and hardware development, OEM products, consulting, training and support and on-site commissioning.

MBS has been involved in the relevant associations of the industry for years, both nationally and internationally. These include BACnet Interest Group Europe (since 1999), BACnet International, OCF (Open Connectivity Foundation) and Thread Group. In other words, we are actively involved in many industry standards and are helping to shape the future of traditional industrial and building automation as well as the Internet of Things.

As manufacturers we offer you comprehensive expertise and a wide selection of products that meet all your requirements – made in Germany.

[Company Overview](#)

For more information: [www.mbs-solutions.de](http://www.mbs-solutions.de)