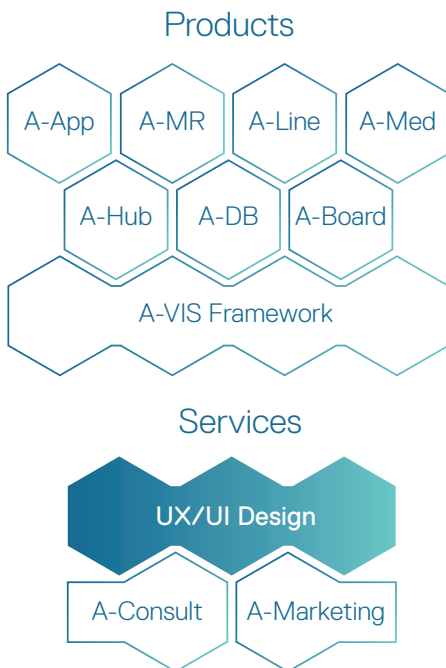


UX/UI Design - User First!

What is UX/UI Design?

User Interface (UI) includes the design of the interface of human-machine interaction. User Experience (UX) describes the user journey, behaviors, emotions and views of a person. And includes the practical, valuable and meaningful aspects of human-machine interaction.

Inspired by the familiarity of nature, Alphagate develops a unique UX/UI Design. With A-VIS this is poured into user- and process-oriented software.



Alphagate designs and implements complete operating concepts for machine builders and manufacturers of medical devices. The individually created UX/UI Design reflects the requirements of the process and the best possible guidance and support for the operator of the device. When looking at the HMI, Alphagate always focuses on the needs of human beings. When people feel comfortable with the machine, the machine can be operated successfully. By using the Alphagate method PHORB, the focus is kept on the user. Alphagate uses its SCADA software A-VIS to create a unique software framework based on the operating concept. A-VIS offers connectivity to all major PLCs and data sources. Alphagate offers several additional enhancements and products that can be used seamlessly with the

Alphagate solution, such as A-MR (Mixed Reality), A-DB (Big Data) and many more.

The human-machine communication challenge

The potential of automation can often only be used in part due to insufficient operating concepts. Standardized solutions are usually used regardless of the necessary consideration for the different individuals who interact with the machine.

UX and UI Design create the basis for an interface between humans and machines and should enable natural, efficient and stress-free work. There has to be a valuable dialogue between humans and machines.

A-Board

Evaluation of machine data in an individual dash-board.

A-MR

Use of mixed reality for operation, maintenance and documentation..

A-Line

Optimal cooperation of machines from different manufacturers in one line.

A-App

Development of mobile applications.

A-Hub

A universal data logger for the efficient acquisition of machine data.

PHORB by Alphagate

A user interface is always part of the UX, but a UX can also exist without a UI. The user experience influences the well-being of the user.

Requirement on a operating concept
Promote dialogue, natural service, promotes efficiency

The right team for the development of the operating solution

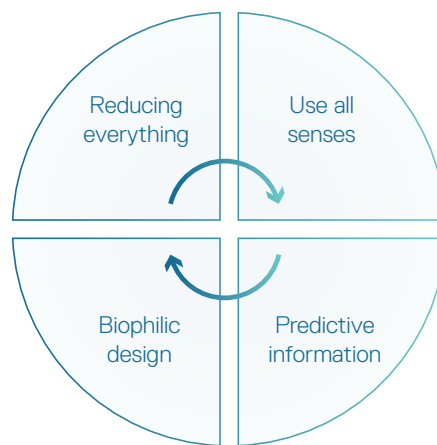
The current environment in mechanical engineering requires a holistic view in order to develop sustainable good solutions. All relevant stakeholders are involved.



A good dialogue with the machine

1. Reduction of everything: find out what is really important, forget the rest.
2. Use all the senses: expand the range of communication
3. Predictive Information: data-controlled intelligent communication on all available devices
4. Biophilic design: inclusion of nature through environmental features, light and natural forms.

The Alphagate Method PHORB - The guide for the development of the operating concept



UI-Design

In our Interface Design Team we create an individual UI Design. A well-built UX-Design is improved with the aspects of Phorb.

