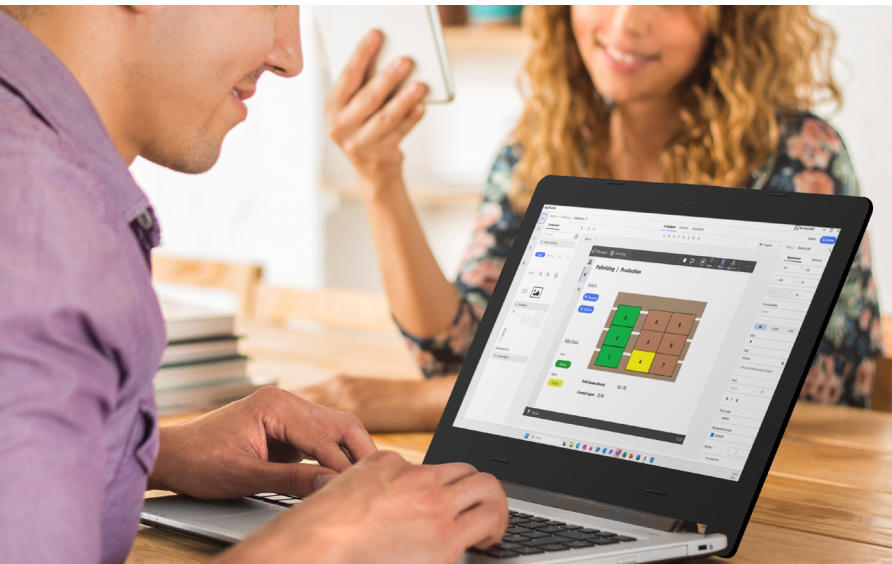# AppStudio™
Revolutionize your Robot Integration experience

Create custom user interface via drag and drop

Profit from a growing library of templates, drives and more

AppStudio is a versatile development platform designed to empower developers of all skill levels to create, customize, and integrate user interfaces and applications for robotic systems. Whether you're a beginner starting your journey or an expert pushing the boundaries of robotics, AppStudio provides the tools, libraries, and flexibility you need to succeed.

Benefits:

Accelerated Development:
No-code tools and pre-built components for custom interfaces.
Quickly move from concept to deployment. Experts are profiting from advanced extension possibilities.

Enhanced Flexibility:
Get applications templates and drivers from a growing library. Contribute by providing your great examples.

Seamless Integration:
Work seamlessly with ABB's Omnicore controllers and all ABB robots and cobots.
Ensure your interfaces are functional across different devices such as FlexPendant, PC, tablet or mobile phone.

Technical specification	
SoftWare info	Stand-alone desktop application. Can seamlessly be connected to real robots or the virtual robot in RobotStudio.
Supported languages	Chinese, Japanese, Italian, French, German, Spanish, English, Czech and Turkish **All FlexPendant languages for User Interfaces:** Chinese, Japanese, Italian, French, German, Spanish, English, Czech and Turkish, Swedish, Danish, Dutch, Finnish, Hungarian, Portuguese, Polish, Korean, Romanian, Russion, Slovenian
Supported operating systems	Windows
System requirements	Operating system: Windows 10 and later CPU: 2.0 GHz or faster processor Memory: 8 GB minimium Screen resolution: 1280x800 pixels or higher is recommended
Supported Cobots & Robots	Supported Cobots & Robots All cobots and robots powered by the OmniCore™ controller. Templates from the library might also work for IRC5.

The 5 Key functionalities

1. Drag-and drop
Create custom user interfaces intuitively by dragging and dropping components into the main workspace. Configure the properties and assign the behavior according to your needs.
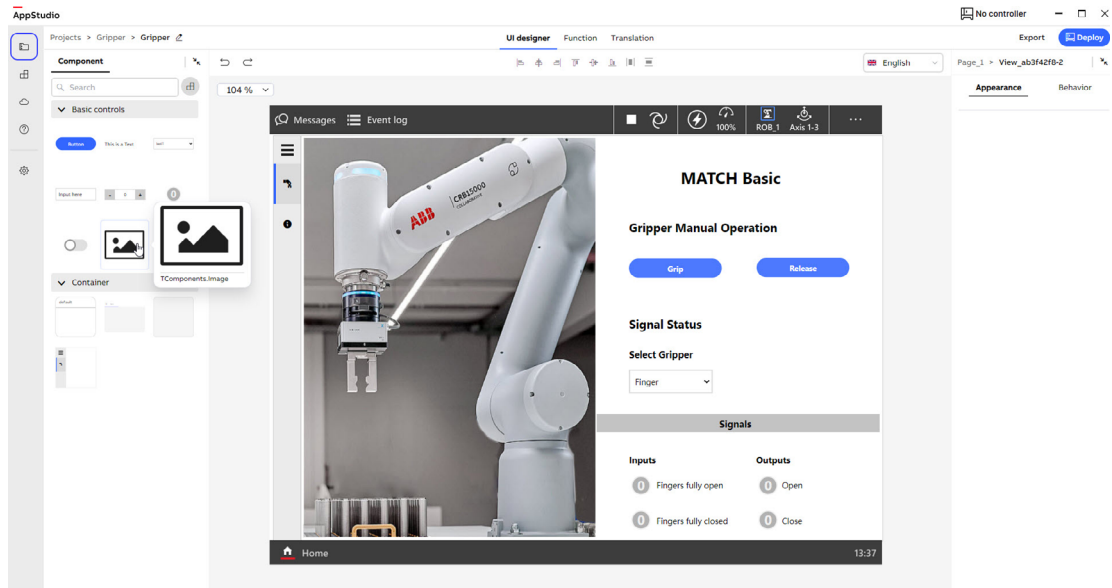

Figure 1 Create your custom interface

2. Multiple-Screen Sizes
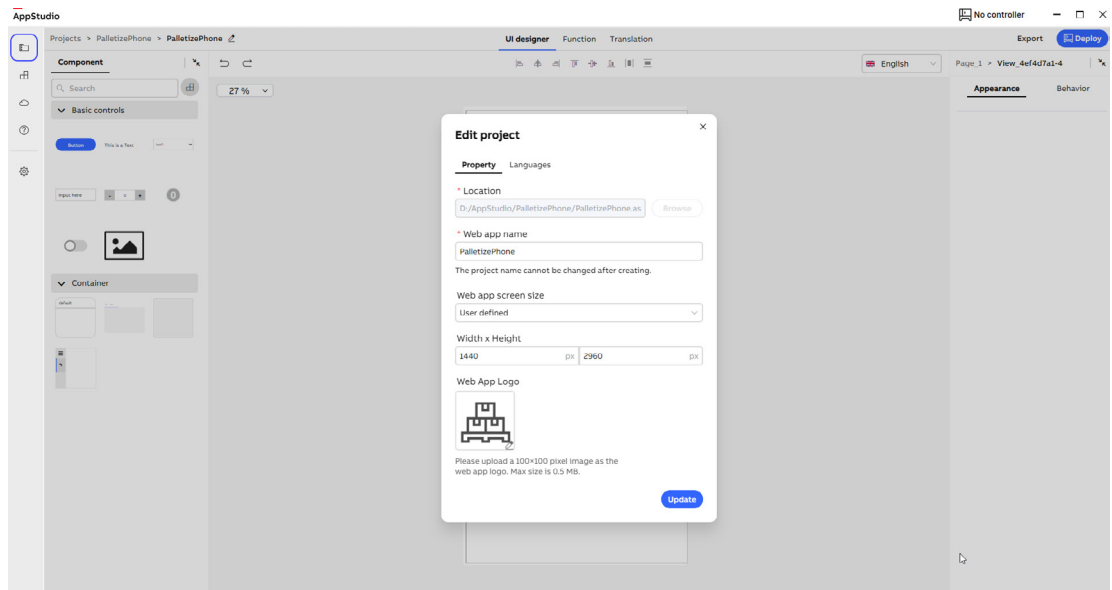Select your needed screen size to create user interfaces for FlexPendant, SmartPhone, Tablets and
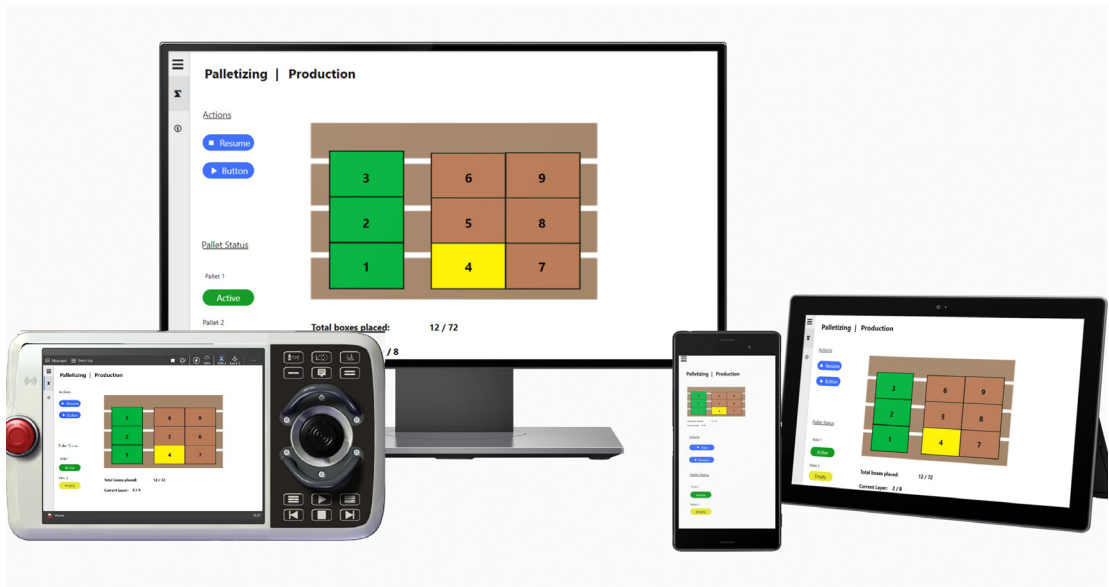

Figure 2 Create interfaces for different sizes

abb.com/robotics

Figure 3 Created WebApp on multiple Devices

3. Translation

Translate the UI Elements in multiple languages. Easily show different languages in the pre-view. The screen will automatically change when the FlexPendant language will be changed.
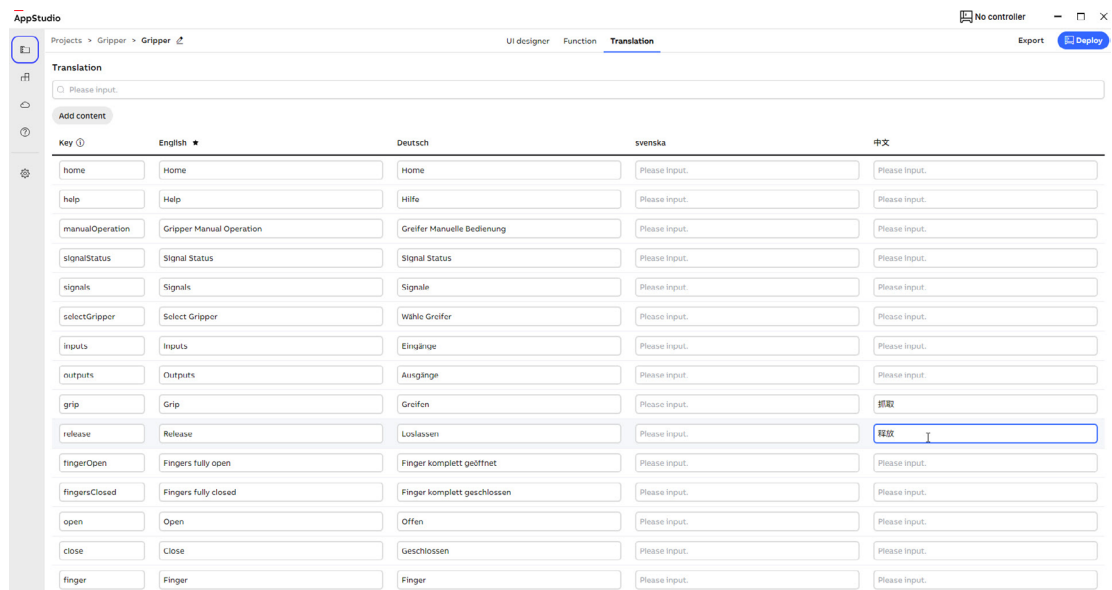

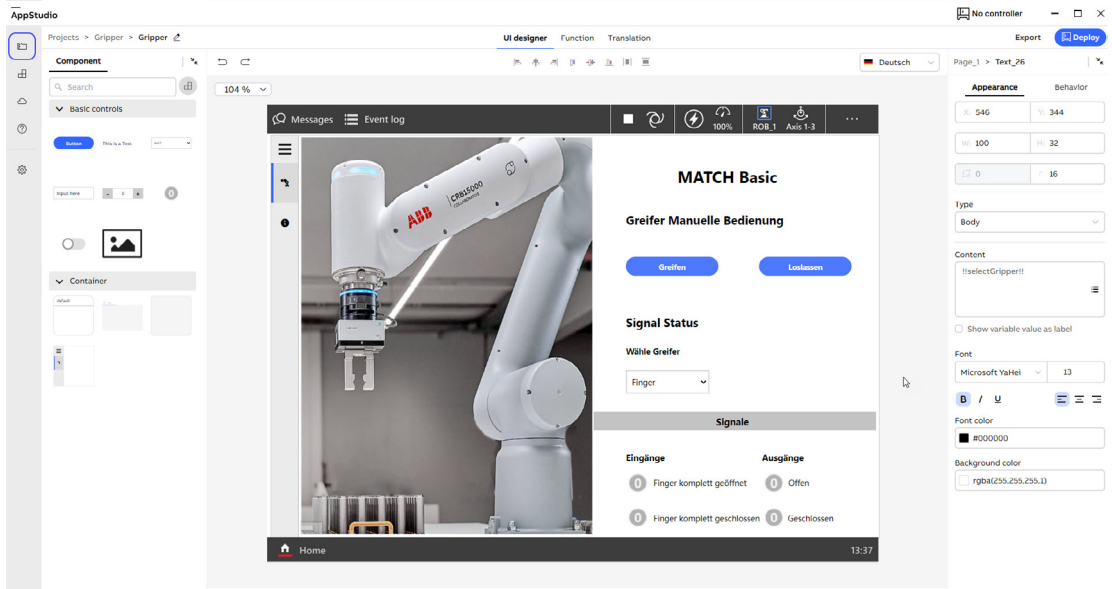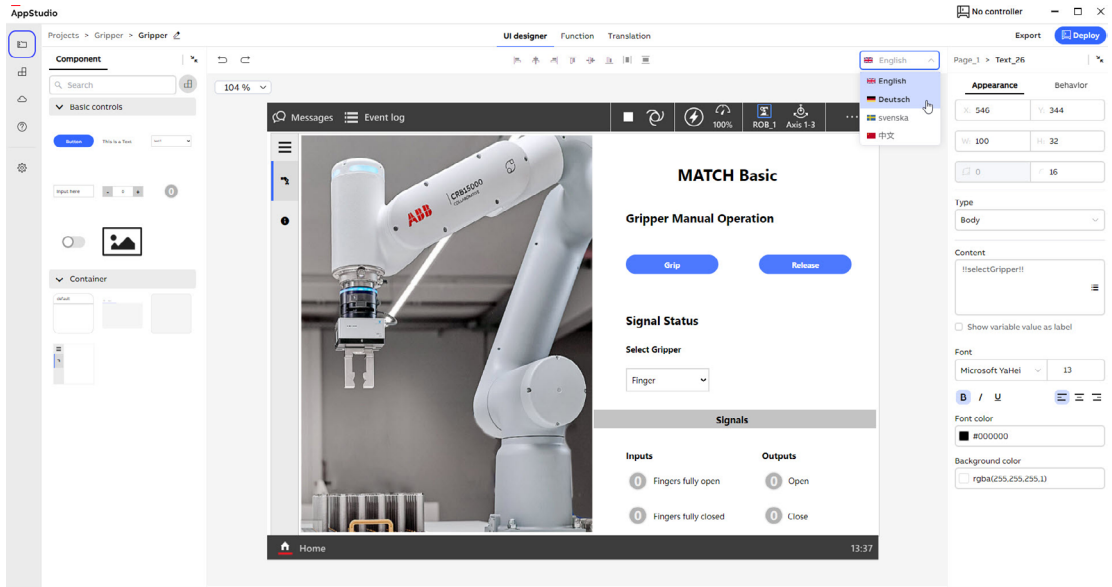**Figure 4** Supports a wide range of languages

Figure 5 a+ b Easily preview the different languages (English top – German bottom)

4. Expert Coding

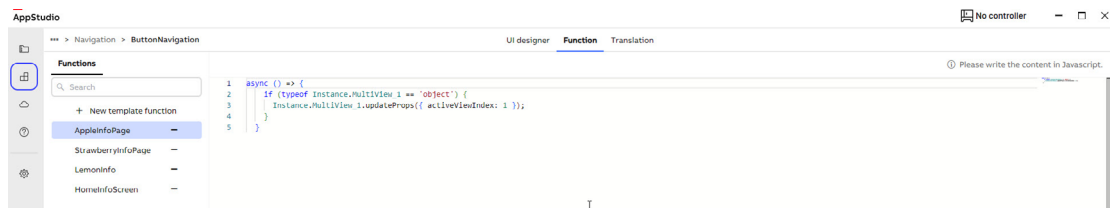Add your custom javascript functionality to the user interfaces.

Figure 6 Create your own component kit

5. Growing Cloud library

Profit from a growing cloud library of Drag-and-Drop Components, templates, drivers, SmartComponents and more.
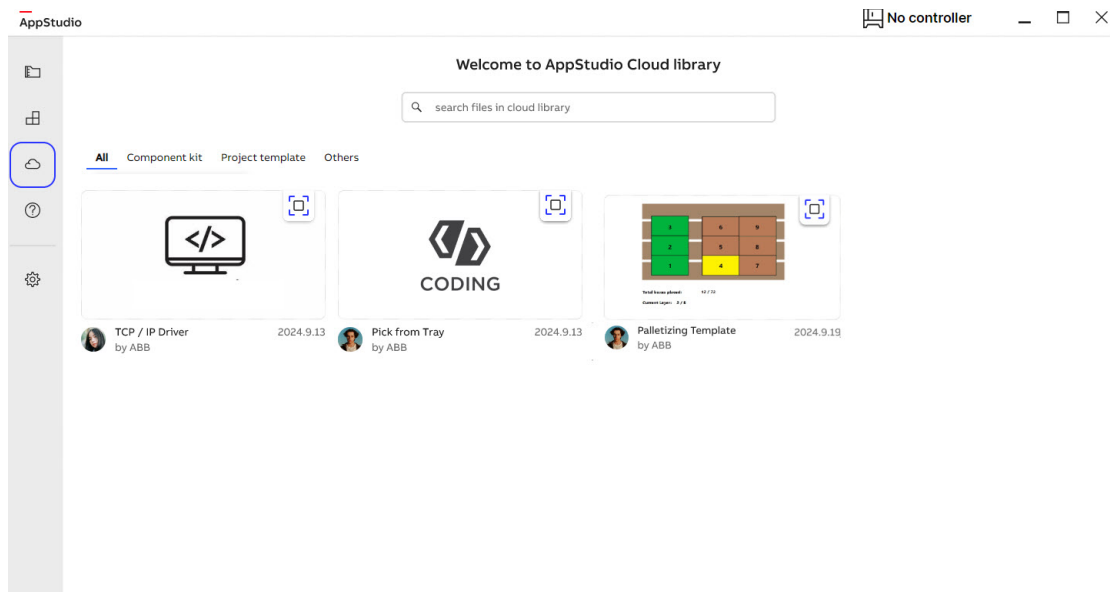

Figure 7 Cloud library for templates, drivers, custom components and more.