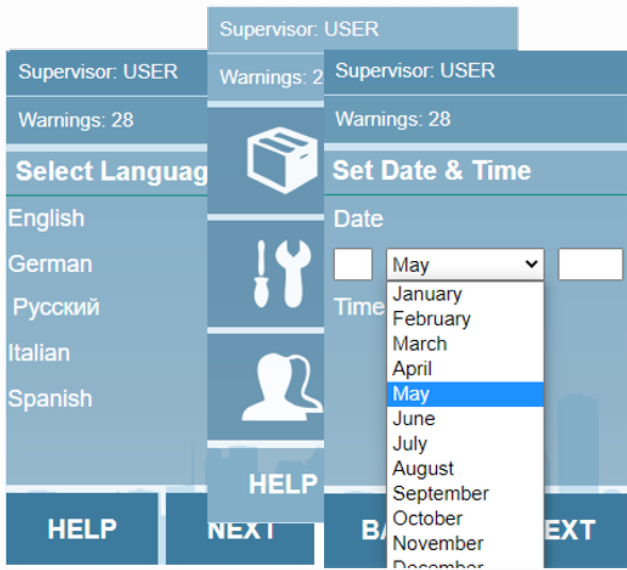


# INDUSTRIAL PRINTER UI UPGRADING

Datasheet

# Project objective

To develop a new User Interface for the full line of the client’s tabletop and industrial printers as well as applicator engines in order to reflect consistency and extensive usability of the devices. It has to accelerate operations with a device since the existing UI requires a lot of time to be set up.



# Result

New User Interface for a full-fledged sensor screen supports colorful display, five types of users and provide easy to use intuitive menu flow. The client got all the documentation to implement the new UI for the next generation of their printers.

## Scope of work

- ❖ Initial research of the UI issues by investigating the devices at the customer's facilities
- ❖ Creation of the storyboards for the printers' menu workflow and screen sketches
- ❖ Defining in detail the functionality to be provided within the printers User Interface
- ❖ Creation of a graphical design for widgets which shall be used for the interface layout; screen mockups development
- ❖ Proof of Concept demonstration application creation to make sure the selected UI framework running on the target hardware and OS is powerful enough
- ❖ Composing the Software Specification document to describe functional and not functional requirements for the printer firmware
- ❖ HTML functional prototype for the printer user interface which is going to be used by marketing group for UI/UX testing

## Activities

- ❖ UI Toolkit selection
- ❖ POC development
- ❖ Storyboarding
- ❖ GUI Widget Design
- ❖ Mockups and Prototype creation
- ❖ Wizard storyboard development
- ❖ Printer requirements definition and documentation
- ❖ UI/UX Testing
- ❖ Implementation proposal

# About the project

## Technologies

- ❖ Green Hills Integrity OS
- ❖ QT
- ❖ C/C++
- ❖ Altia Design
- ❖ Portable Embedded GUI (PEG)
- ❖ MS Office (Visio)
- ❖ Corel Draw
- ❖ Axure RP



axure

## Project size

- ❖ 1 person

## Duration

