ADISRA Low-code Template

The easy way to put power back into knowledge workers' hands.

ADISRA® Low-code Template is a pre-built Human Machine Interface (HMI) application that allows users to visually configure applications at run-time. This paradigm of developing applications for users, regardless of experience level, leverages reusable components and model-driven logic for rapid HMI application development. In a constantly changing world the ability to pivot and adapt quickly is invaluable and provides a significant competitive advantage.
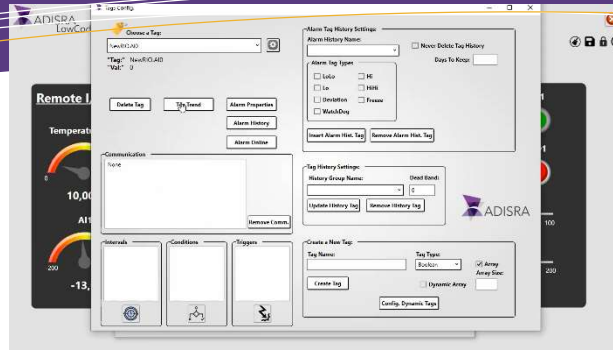
ADISRA Low-code Template means faster development and agility compared with traditional HMI application development, resulting in quicker updates and changes to the system being developed.

As a result, ADISRA Low-code Template enable front-line workers to develop solutions to their problems without knowing how to code. Domain specialists, on the other hand, can quickly develop applications to tackle their specific challenges.

Features Overview

- **Accelerate Development** – ADISRA Low-code Template has pre-built and reusable models, templates, widgets, and components for easy application development.

- **Easy-to-use** – ADISRA Low-code Template requires minimal coding knowledge or knowledge of ADISRA SmartView. It is a simple menu-driven interface for configuring alarms, trends, recipes, drivers, databases, and more, all at run-time. Pop-up menus allow users to make changes and instantly see those changes in the application.

- **Extensible** - Customize or incorporate ADISRA Low-code Template into a current application environment or add your industry specific knowledge to ADISRA Low-code Template.

- **Integrate** – ADISRA Low-code can easily integrate with SQL databases as well as connect to programmable logic controllers (PLCs) by configuring simple menu options.

Feature	
Security	Logon capabilities for administrators, operators, and guests with role and permission based access.
Screens and Graphic library	Menu driven screen design that allows you to define screen resolution, screen order, pop-up menus, background color, and more. Screen flow can be defined by a drop down box if you wanted to define a start-up screen or the order of your screen flow. Graphics can also be built to store in low-code library for later use in building customized screens at run-time.
Tags	Simple fill-in the blank creation of tags, arrays, and data type. Browse existing tags in application, programmable logic controllers (PLCs) or database using simple click and include capabilities. Easy to set minimum and maximum
Trends	Trending feature allows users to point and click to view real-time and historical data. Pens can be added and deleted and min, max, and average values can all be defined at run-time. Data can be easily exported at any range to a data file or database.
Alarms	Simple alarm interface for defining alarms, categories of alarms, and state of the alarm, such as high and low. Alarms can be viewed in the application or sent to a remote operator.
Recipe	Effortless creation, updates and deletion of recipes for parameters or variables that change from one situation to another. Recipes are used to automate and streamline processes for operators to quickly and easily recall specific settings or procedures for a particular product or batch.
Templates	Predefined design templates allows users to customize the low-code template to suit their environment. Industry and machine specific templates can be built and stored in the low-code library for easy project deployment.
Drivers	Drivers can be added by selecting from an icon and then enter relevant Internet Protocol (IP) address and customized information such as refresh rate, triggers, groups, and tag types in the group.
Database and .CSV files	Export and import tags or tables to .CSV files or SQL database for easy data sharing, integration with third-party packages, and for simple reporting. Menu-driven creation of new database tables and connections.