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## **ADISRA Unveils Version 4.1 of ADISRA SmartView SCADA and HMI Software**

*Enhancing Industrial Intelligence with New Features and Broadened Compatibility*

AUSTIN, Texas, June 17<sup>th</sup>, 2024 - ADISRA has released ADISRA SmartView V4.1, now available for immediate download at <https://adisra.com/adisra-download-form/>. This latest version offers a range of new features to improve usability, compatibility, and intelligence in industrial applications.

ADISRA SmartView already delivers a comprehensive and easy-to-use development environment. Key Highlights of ADISRA SmartView 4.1:

### **1. ADISRA SmartView Launcher:**

The new ADISRA SmartView Launcher provides a centralized hub for accessing various modules, resources, and information. Users can quickly create or open projects and access support information, documentation, and knowledge base articles through an intuitive menu.

### **2. Linux Compatibility:**

This release extends the software's compatibility to various Linux distributions, bringing most functionalities of the Windows environment to Linux-based hardware. This allows seamless integration with different PLCs and databases, supporting data analysis, decision-making, and web and viewer client connections management. The broadened compatibility ensures optimal performance across diverse environments, enhancing the software's versatility and robustness.

### **3. Edge Computing with Linux:**

Linux's adaptability, scalability, and security make it ideal for edge computing. In industrial settings, Linux-based edge devices can efficiently process data from sensors, actuators, and PLCs, enhancing real-time decision-making and operational efficiency. Typical applications include smart cities, renewable energy monitoring, and oil and gas operations, where edge gateways are data concentrators and preprocessors.

#### **4. Rule-Based System:**

ADISRA SmartView's rule-based system harnesses expert knowledge and data to offer robust decision support and predictive decision-making. Seamlessly integrating with HMI, this system gathers and processes data to generate intelligent, real-time operational insights. This integration significantly boosts efficiency and responsiveness in industrial processes. For example, in energy distribution, it emulates operators' actions through data-driven rules, ensuring swift and accurate adjustments. This capability allows industries to operate more smoothly, reducing downtime and optimizing performance.

#### **5. Usability Enhancements:**

ADISRA SmartView Version 4.1 also includes significant usability enhancements. Updates to the Tags Group provide easy-to-access tools. At the same time, Script validation in split mode and detailed usability information for Expression Boxes streamline user interaction and improve the overall user experience.

ADISRA enhanced the Textbox feature by introducing runtime input validation. Users can now define a specific number range for validation purposes. If an input value falls outside the predefined range during runtime, an error message will be displayed in the textbox, and the new value will not be applied to the variable. This improvement ensures more robust and reliable data entry and enhances the user experience.

ADISRA added a new advanced object, the Date and Time Picker, at our customers' request. This feature simplifies application development by enabling users to manipulate date and time settings easily. Users can link to a specific day and time tag or select a date and time based on their application's logic. Additionally, the Date and Time Picker object can be dynamically adjusted at runtime, providing greater flexibility and control.

#### **About ADISRA**

ADISRA is dedicated to providing cutting-edge industrial automation solutions. Our mission is to deliver intelligent and innovative solutions that leverage the power of industrial machinery and discrete manufacturing. Established in 2017 and headquartered in Austin, Texas, ADISRA offers software that enables users to create applications for automating, monitoring, and optimizing their most critical assets.

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If you want more information about ADISRA, please call us at 833-523-4772, chat on our website, or email us at [info@adisra.com](mailto:info@adisra.com). For more information about ADISRA SmartView 4.1 and a detailed overview of its new features, please check our latest video on these features at [\[insert video link here\]](#).

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