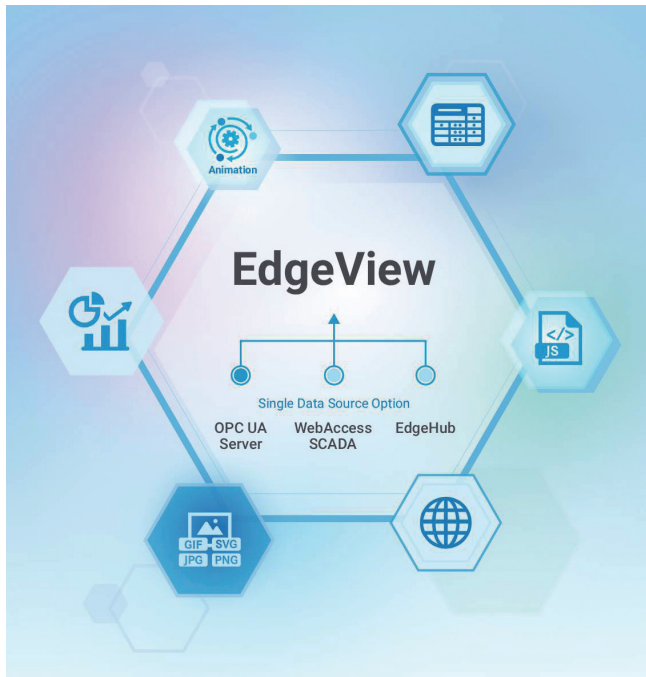


EdgeView

Cross-Platform Low-Code Industrial Visualization Platform



Features

- Intuitive Interface and Useful Tools: Enjoy an intuitive interface with powerful graphical tools.
- Cross-Platform Compatibility: Seamlessly access the tool from cross-platform desktop and web browser clients.
- Preloaded Data Analysis Charts: Access common data analysis charts and status timelines right out of the box.
- Convenient Preview Mode: Review projects in a preview mode before saving for added convenience.
- Graphical Model Interface: Use drawings to create graphical models to improve development efficiency.
- Rich Animation Features: Access a variety of low-code animation features and motion paths for dynamic visuals.
- Flexible Display Settings: Customize the properties of each widget to suit your preferences.
- Extensive Scripting Support: Benefit from extensive support for JavaScript programming and single-line command methods.
- Scriptable Widget Properties: Easily edit widget properties using scripts for enhanced functionality.
- Functional Variable System: Utilize an independent and customizable variable function system to provide project drawing applications.
- Plugin Widget Function: Combine with third-party tools to connect drawing data to develop new widgets.
- Built-in SVG Tool: Provide customized flowchart drawing tools and converts them into SVG format for drawing use.
- Wide Image Format Compatibility: Support for popular image formats including SVG, JPG, PNG, GIF, and BMP.
- Masking Functionality: Employ masking to conceal or obscure specific image areas as needed.
- Simple Gradient Color Settings: Effortlessly apply gradient colors to enhance visual appeal.
- Recipe Modeling Support: Dynamically adjust and apply recipe values for efficient data setting.
- Built-in Permissions Management: Easily manage editor and viewer permissions within the tool.
- Multi-Platform Client Access: Access projects anytime through Browser, Desktop (Windows x64 and Linux x64), and Mobile Apps (Android and iOS).

Introduction

Advantech introduces EdgeView, a specialized graphics interface tailored for SCADA and IoT systems. This innovative tool is engineered to visualize data from IoT gateways, data platforms, and OPC UA servers. With features like real-time data presentation, command control options, dynamic data analysis charts, and customizable animations, it provides comprehensive support for enterprise production applications. The user-friendly interface, along with JavaScript programming capabilities, supports popular image formats like SVG, JPG, PNG, GIF, and BMP. Users can easily create bespoke data displays and animations using open widget properties and parameter configuration options. Additionally, the software includes pre-built data analysis charts and customizable widget templates, simplifying scene animation creation. Online editing and previewing further enhance efficiency, allowing for multitasking design directly from the client side.

Tailored to the requirements of IoT applications, EdgeView server is compatible with both Microsoft Windows and Linux environments. The server product series includes versions supporting standard OPC UA communication, integration with EdgeHub cloud services, and compatibility with WebAccess/SCADA software. EdgeView offers cross-platform desktop client support and HTML5 web browsing capabilities on Chrome and Edge browsers, ensuring accessibility across diverse devices and platforms.

Next-Gen Monitoring Software for SCADA and IoT Systems



Software Specifications

Graphics

▪ Number of Graphics Drawings	Unlimited
▪ Variables Per Graphic Drawing	Unlimited
▪ Points of data source	Unlimited
▪ Desktop/Browser Viewer	Yes
▪ Preview in Edit Mode	Yes
▪ Graphics Widget Model	Yes
▪ Support Image Format	SVG/JPG/PNG/GIF/BMP
▪ Support Audio Format	WAV/MP3/WMA
▪ Opacity Mask	Yes
▪ Stackable Animations	Move/Scale/Rotation/Path/Flow/ Marquee/Blink/Visible/Display/Frame

Development Tools

▪ Charts	Pie/Polar/Radar/Scatter/Bubble/Bar/ Progress Bar/Timeline/Calendar pie/ Sankey/Funnel
▪ Tables	Value/Log/Multi-column/Action log
▪ Realtime Trend	WebAccess SCADA version
▪ History Trend	Yes
▪ Realtime XY Plot	WebAccess SCADA version
▪ History XY Plot	Yes
▪ Alarm Summary and Log	WebAccess SCADA version
▪ Display Widgets	Label/LCD/Image/GIF/SVG/Gauge/ Web-view/Video/Barcode/QR code Button/Selectors/Slider/Switch/ Navigation/Textbox/Recipe/Time controller/Group selectors
▪ Control Widgets	Polyline/Arc/Pipeline/Polygon/Pie/Star/ Rounded Quadrilateral Drawing/Customized widget
▪ Shape Widgets	Yes
▪ Source Widgets	Yes
▪ Plug-in Widget	Yes
▪ Script Editor	Yes
▪ Variable Editor	Yes
▪ SVG Editor	Yes
▪ Audio Management	Yes
▪ Image Management	Yes
▪ File Management	Yes
▪ Record Management	Yes
▪ Graphic User Management	Yes
▪ Recipe Management	Yes
▪ I/O Tag Group Management	Yes
▪ User Management	Yes
▪ Alarm Notification (Audio)	Yes
▪ Independent Time Controller	Yes
▪ Project Management	OPC UA version

Alarm and Trend Log

▪ EdgeView Action Logs	Unlimited
▪ WebAccess SCADA Alarm Logs	30,000
▪ Alarm Groups per WebAccess SCADA	9,999

Data Source

▪ 3rd OPC UA Server Data Access	EdgeView for OPC UA basic version
▪ WebAccess SCADA V 8.4.5 and V9.x	EdgeView for WebAccess SCADA version
▪ EdgeHub	Data management API and device management API
▪ HTTP API	Record and variable function
▪ Database	MS SQL MySQL Oracle PostgreSQL InfluxDB

Others

▪ Scripting Language	JavaScript
▪ Recipe Control	Yes
▪ Alarm Status	WebAccess SCADA and EdgeHub
▪ Embedded Web Page	Yes
▪ Built-in Color Palette Templates	Yes
▪ Marquee Text	Yes
▪ Custom Query Time Option	Yes
▪ Desktop Client	Edit mode and view mode
▪ Web Client	Edit mode and view mode
▪ Map	Google/Baidu
▪ Barcode	CODE128/COE39/EAN-13/EAN-8/ITF-14/ MSI/Pharmacode
▪ Sankey Diagram	Real-time and historical values
▪ WebAccess Query Page	Report Scheduler Classroom scheduler Alarm management system Event log System log Alarm log Action log Analog log Analog change log Discrete log Text log

Ordering Information

▪ 32ASSCWA000101	EdgeView server license for WebAccess SCADA
▪ 32ASSCWA000201	EdgeView server license for WebAccess SCADA with App client access
▪ 32ASSCOB000101	EdgeView server license for OPC UA basic version
▪ 32ASSCOB000201	EdgeView server license for OPC UA basic version with App client access

Minimum Requirements

EdgeView Server

▪ OS(64-bit)	Windows 10 (1809 or later) / 11 Linux Ubuntu 22.04 / 24.04
▪ Hardware	PC: with 4GB RAM and 200GB HDD space

EdgeView Desktop Client

▪ OS(64-bit)	Windows 10 (1809 or later) / 11 Linux Ubuntu 24.04
▪ Hardware	PC: Intel® Core™ i3 with 4GB RAM Graphics card: Supports OpenGL 3.3 or above

EdgeView Browser Client

▪ Browser	Web Browser: Supports WebGL 2.0 or above Chrome (versions > 56) Edge (versions > 83) Fire Fox (versions > 51)
▪ Hardware	PC: with 8GB RAM (recommended) Graphics card: Supports OpenGL 3.3 or above

EdgeView APP Client

▪ Android	Android 9 to 16
▪ iOS	iOS 16 or higher

Supports Multi-Language Systems

▪ English / Traditional Chinese / Simplified Chinese
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