

Human/Machine Interfaces

HMI configuration software

Catalog

August **2019**



Vijeo Designer



Intelligent Data Service



Vijeo Design'Air



Vijeo Design'Air Plus

Quick access to product information

Get technical information about your product

References

Telefast Pre-wired System
Modicon ABE9 IP 67 passive splitter boxes

References						
Splitter boxes with connection by M2 connector						
Number of circuits	Connection	LED indicator	Reference	Weight (kg)	Volume (cm ³)	Price (€)
4	A-1072	Yes	ABE9C1072	0.270	1.100	1.100
6	B-1072	Yes	ABE9C1072	0.280	1.100	1.100
8	C-1072	Yes	ABE9C1072	0.290	1.100	1.100
10	D-1072	Yes	ABE9C1072	0.300	1.100	1.100
Splitter boxes with connection by Cable						
Number of circuits	Connection	Length (mm)	Reference	Weight (kg)	Volume (cm ³)	Price (€)
4	A-1072	5	ABE9C1072	0.280	1.100	1.100
6	B-1072	5	ABE9C1072	0.290	1.100	1.100
8	C-1072	5	ABE9C1072	0.300	1.100	1.100
10	D-1072	5	ABE9C1072	0.310	1.100	1.100

Schneider Electric

Add to favorites | Help | Historic

XB5AL73415
green flush/red projecting double-headed pushbutton Ø22 with marking

Download your XB5AL73415 datasheet

Change your selection

Discover other products & accessories

Discover your Schneider Electric tools

Characteristics | Dimensions Drawings | Mounting and Clearance | Documents & Downloads

Main

Range of product	Harmony XB5
Product or component type	Complete double-headed push-button
Device short name	XB5
Device material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 mm
Shape of signaling unit head	Rectangular
Type of operator	Spring return
Operator profile	1 Push - 1 projecting push-buttons
Operator description	Green "I" - red "O"
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow break

Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

Find your catalog



- > With just 3 clicks, you can reach the Industrial Automation and Control catalogs, in both English and French
- > Download Digi-Cat with this [link](#)

General Catalog

Industrial Automation

360°

- Updated quarterly
- Embeds product selectors and configurators, 360° images, training centers
- Optimized search by commercial reference

Select your training



- > Find the right [Training](#) for your needs on our Global website
- > Locate the training center with the selector tool, using this [link](#)


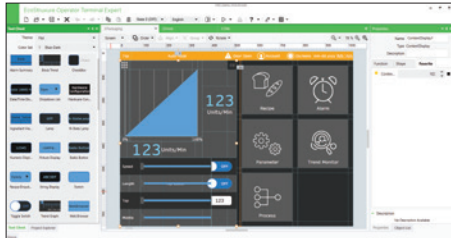
Training and courses

Training by domain of expertise


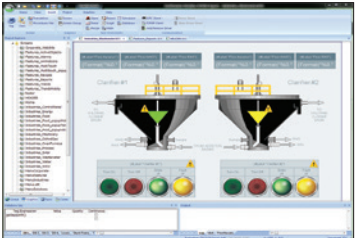

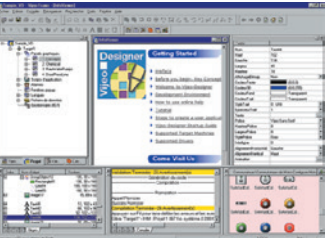
Local events
Webinars
E-learning courses

General contents

Selection guide	<i>page 2</i>
■ Vijeo Designer™ configuration software	
□ Presentation	<i>page 4</i>
□ References	<i>page 9</i>
■ Applications for tablets and smartphones	
□ Vijeo Design'Air	<i>page 10</i>
□ Vijeo Design'Air Plus	<i>page 11</i>
■ Product reference index	<i>page 12</i>

Applications		Touchscreen Configuration software with UI design and gestures
		 
Compatible products	Type	Magelis™ STO Color Magelis ST6 Magelis GTO Advanced panels and Magelis GTU Universal panels Magelis iPCs Windows compatible computers
	Maximum number of targets	1
	Operating system on terminals	Proprietary for Magelis STO Color, Magelis ST6 and Magelis GTO/GTU Windows Embedded Standard 7 for Magelis iPCs
Functions	Reading/writing of PLC variables	Yes
	Display of variables	Yes
	Data processing	Yes
	Sharing of variables between HMI applications	–
	Saving of variables to external database	–
Internationalization		16 languages supported by 26 type of fonts
Development of graphic applications	Native library of graphic objects	Yes
	Curves and alarms	Yes
	Scripts	Block Script
Communication between HMI application and PLCs		Via I/O drivers: Schneider Electric or third-party protocols (Mitsubishi, Omron, Rockwell Automation, Siemens)
Uploading of applications		–
Simulation of HMI applications		Yes
Recipe management		Yes, up to 256 recipes, 600,000 ingredients in total
Report and barcode printing		–
Screen capture		Yes, for Magelis GTU Open Box and Magelis iPCs. in PNG format
Access security		Password protected
Interface languages		Online Help in 4 languages (English, French, German, Italian), interface in 10 languages (English, French, German, Italian, Portuguese, Spanish, Japanese, Traditional Chinese, Simplified Chinese, Korean)
OS compatibility		Windows 7, Windows 8, Windows 8.1, Windows 10 (32-bit/64-bit)
Software type		EcoStruxure™ Operator Terminal Expert
Pages		For more information, please refer to DIA5ED2140703EN catalog.

(1) Depending on the compatible product.

Configuration software for data-intensive and complex visualization	Classic Configuration software for the complete HMI range
 	 
Magelis G5U2, Magelis iPCs	Magelis STO/STU/GTO Basic Panels Magelis XBTGH/GK/GTU (1) Advanced Panels Magelis iPCs
1	32
Magelis G5U: Windows Embedded 7 Standard Magelis iPCs: Windows Embedded 7 Standard, Windows 7 SP1, Windows 8.1, Windows 10 IoT Enterprise	Proprietary for Magelis STO/STU/GTO, Magelis XBTGH/GK/GTU
Machine Control: 1,500 tags Line Management: 4,000 tags Line Management Plus: 32,000 tags Supervision: 64,000 tags	Yes, up to 8,000 internal and external variables
Yes, depending on the number of Tags	Yes
Yes, with VBScript or Built-in Scripting	Yes, using expression editor or Java programming
Yes, via TCP/IP, OPC, Driver or Database	Up to 300 variables between 8 terminals, without router PLC Proprietary protocol above TCP/IP
Yes, with relational database (any SQL Database, MS Access and Excel CSV file)	Yes, with the Intelligent Data Service extension
Multi-language (depending on the OS)	Up to 15 languages supported by 34 Western alphabets, 4 Asian alphabets and 2 Middle Eastern alphabets embedded in the application
Yes, user customizable	Yes
Yes	Yes, with log
VBScript and Built-In scripting	Java
Via I/O drivers: Schneider Electric or third-party protocols (Over 250 Drivers: Mitsubishi, Omron, Rockwell Automation, Siemens)	
Yes	–
Yes	
Yes, built-in tools with local file or with SQL DB	Yes, up to 32 groups, 1,024 ingredients for 256 recipes per group, proprietary or CSV format, complete multilingual support for labels and ingredients
Report is a built-in function that executes the specified Report worksheet and sends the output to hard disk, printer, or PDF.	On the fly alarms, log data. Up to 9,999 active alarms, records, or logs Main USB Barcode supported for Magelis with Windows OS and Main Serial Barcode supported for other Magelis.
Yes	Yes, Magelis GTO/GTU, and Magelis industrial Panel PCs and Box PCs (HMIBMP, HMIBMU) in JPEG format
Linked to user profiles	
Screens, online help, and documentation in electronic format available in 5 languages: English, German, French, Chinese, Japanese	Screens, online help, and documentation in electronic format available in 7 languages: English, French, German, Italian, Portuguese, Simplified Chinese, and Spanish
Windows 7, Windows 8.1, Windows 10 (64-bit), WES7 (64-bit)	Windows 10 Professional, Windows 7 Business (32-bit/64-bit)
EcoStruxure™ Machine SCADA Expert	Vijeo Designer™
For more information, please refer to DIA5ED2171201EN catalog.	9

(1) Depending on the compatible product.



Vijeo Designer software

Presentation

The cross-platform Vijeo Designer™ configuration software can be used to create operator dialogue applications for controlling automation systems for:

- Magelis™ STO and STU terminals (Vijeo Designer Limited Edition is sufficient)
- Magelis GTO terminals
- Magelis GTU terminals
- Magelis GK terminals
- Magelis XBTGH portable terminals
- Magelis iPCs (Panel PCs and Box PCs)

Vijeo Designer and a suitable terminal can be combined to provide a solution for each and every control station requirement, at the cost of a simple software reconfiguration.

Capable of supporting video image streaming, the Magelis Vijeo Designer offer provides access to new types of application. Users can view their process instantly or subject to a delay, on the same screen as the HMI dialogue.

Vijeo Designer uses Magelis Ethernet TCP/IP connectivity and is, therefore, able to support WEB Gate remote access, the sharing of application data between terminals, the transfer of recipes and logs for variables, and much more.

Applications can take on an international nature, because Vijeo Designer supports up to 15 languages simultaneously in one project (40 alphabets are available on the Magelis GTU/GTO/GK terminals). The interface and documentation for Vijeo Designer are available in 7 languages: English, French, German, Italian, Brazilian Portuguese, Simplified Chinese and Spanish.

Vijeo Designer is the HMI component of SoMachine and EcoStruxure™ Machine Expert. Vijeo Designer will run on any PC with Windows 10 Professional or Windows 7. It supports WYSIWYG simulation (1) of the developed application (without the target Magelis GTO/GK/GTU terminal or Magelis iPC), simulation of the PLC variables (I/O, internal bits and words) and ensures that the application runs in total security on the Magelis GTO/GK/GTU terminals or Magelis iPCs.



Example project

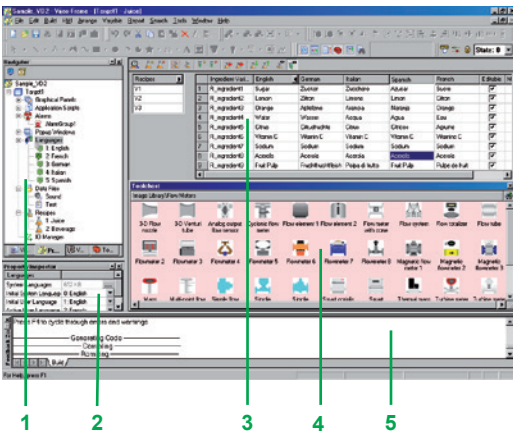
Configuration

Vijeo Designer configuration software enables operator dialogue projects to be processed quickly and easily thanks to its advanced ergonomics using up to 5 configurable windows:

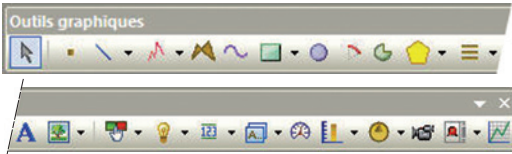
- 1 Browser window
- 2 Object List window
- 3 Recipes window
- 4 Library of Animated Graphic Objects and Image Objects window
- 5 Report window

The software also offers a complete set of application management tools for:

- Project creation, whereby a project comprises one or a number of applications for Magelis GTO/GK/GTU, Panel PCs and Box PCs with sharing of variables between terminals (up to 8 terminals and 300 variables)
- Recipe management (32 groups of 256 recipes with up to 1024 ingredients)
- Cross-referencing of application variables
- Documentation of views for an application
- A full simulation mode for testing the application from the design office
- Bar code reader management via:
 - USB port on Magelis iPCs and Magelis GTU (with Box HMIG5U2)
 - COM1 or COM2 serial port on Magelis GK/GTO/GTU
- USB keyboard and mouse support for all terminals incorporating a USB port (only one peripheral can be connected at any one time)
- Retrieval of symbol files for PLC variables generated by PL7, Concept, ProWORX 32 and Unity Pro software (2)
- Report printing
- Barcode printing



(1) What You See Is What You Get (on the screen of the target terminal).
 (2) DDT structured types and "unlocated" variables are supported.

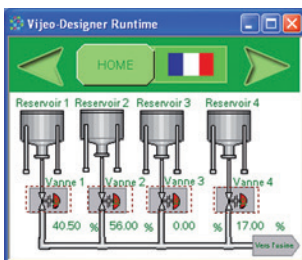


Graphic toolbar

Graphics editor

The graphics editor in Vijeo Designer offers interface consistency for simple objects as well as for more sophisticated ones. It enables application developers to create views easily based on:

- Simple objects to be configured:
 - points, lines, rectangles, ellipses, arcs
 - bar graphs, meters, tanks, fillers, pie charts, curves
 - polylines, polygons, regular polygons, Bézier curves, scales
 - texts, images or alarm summary, etc.
- Preconfigured advanced objects: switches, radio buttons, indicators, buttons, tanks, bar graphs, potentiometers, selector switches, text or number fields, enumerated lists, etc.
- Screen masks and skeletons for type applications



Object animation example

Object animations

8 types of graphic-object animation support the rapid creation of animated mimics on the basis of:

- Pressing the touch panel
- Change of color
- Filling
- Movement
- Rotation
- Size
- Visibility
- Display of associated value



Library of animated graphic objects

Library of animated graphic objects

The library of animated graphic objects makes the creation of mimics very efficient thanks to the numerous “ready-made” animation objects. It includes more than 4000 2-D and 3-D “industrial” vector images. Simply “drag and drop” the object using the mouse to position it on the mimic being created.

User-defined objects can be added to this library using the same simple “drag and drop” method.

Java scripts

Vijeo Designer supports data processing using Java language scripts. This function facilitates the running of complex animations, the automation of tasks within the terminal and the management of calculations in order to relieve the load on the PLC programs.

The scripts (50 lines, max.) can be associated with:

- Variables
- Operator actions
- Screens
- The application itself

```

//Script Created: 10 09, 2001
//
// Description:
//
// Replace this line with your script
int pos;

if (movebottles.getTintValue() != 0) // If conveyor is OFF, do not move bottles
{
    pos = BottlePos.getTintValue();
    if (pos >= 1000)
        pos = 0; // If bottle position has been the out of display area, reset position.
    pos = pos + 10 + 2 * ConveyorSpeed.getTintValue();
    BottlePos.write(pos);
}
    
```

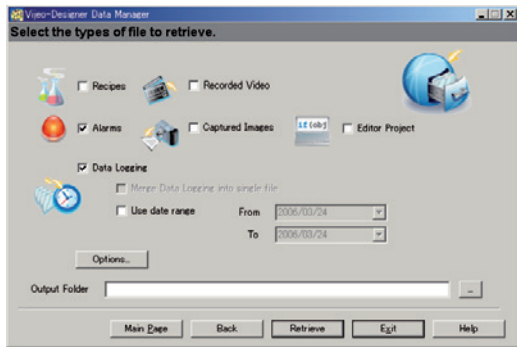
Java script example

User-customizable resources

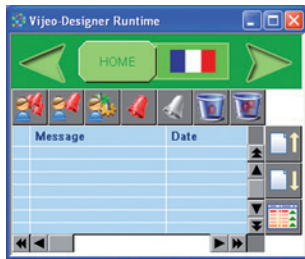
To enable applications to be customized in accordance with customer requirements, Vijeo Designer features a new resource concept that makes it possible to define styles (colours, images, character fonts, text lists).

To quickly customize a generic application to meet customer requirements, simply assign these styles to the objects concerned.

The resource concept is supported by the following native objects: *Meter*, *Bar Graph*, *Slider*, *Potentiometer*, *Selector*, *Text List* and *Image List*.



Data Manager: Transfer recipes, videos, images, etc. via Ethernet or USB, by simply clicking the mouse



Alarm management



Report printing

Advanced functions

Based on new information technologies, Vijeo Designer features a large number of advanced functions for processing a higher volume of data, both faster and more reliably:

- Multimedia data management in the most popular formats:
 - image display (jpeg, bmp, emf and png files)
 - text display and processing (txt files)
 - sound message processing (wav files)
- Alarm or curve logs recorded
- Zoom in/out function on trending curves for a detailed analysis
- Alarm management. All variables can be categorized as “Alarms” and can be customized in respect of visualization and acknowledgment. These Boolean and analogue threshold type alarms can be printed on the fly.
- Multimode application transfer: via serial link, USB, Ethernet and Compact Flash memory card (on multifunction terminals)
- Backup of application source files on the terminal or iPC to facilitate maintenance
- User-friendly data exchange between PC and terminal using the Data Manager tool
- Integrated FTP server for downloading/uploading recipes via Ethernet TCP/IP and restoring logs to Magelis GTO/GK/GTU and Magelis iPC
- Multiport communication for multifunction terminals, 2 serial links and 1 Ethernet network can be active simultaneously
- Action table for associating a particular behavior with an event
- Use of a USB memory stick (up to 4 GB) for application downloads/uploads, data retrieval or recipe exchange
- E-mail on action and event (the e-mail text can contain up to 1000 characters)

WEB Gate remote connection

Vijeo Designer supports a WEB Gate remote connection with any platform which has an Ethernet connection point.

WEB Gate supports remote visualization of Vijeo Designer applications with Internet Explorer on most of the PC running Windows OS (1). The size of the page displayed is determined by the terminal.

WEB Gate supports the display of pages similar to those in the Vijeo Designer application, or of different pages, i.e. startup pages and navigation pages can be differentiated in order to indicate the type of access (terminal/WEB Gate).

Several connections are possible at the same time, with the number depending on the size of the application.

The high security mode of WEB Gate excludes any risk of applications jamming as a result of variables being modified via the terminal and WEB Gate at the same time.

For increased confidentiality:

- WEB Gate access can be restricted to only those PCs whose IP address appears in the licensing list.
- Some Vijeo Designer functions are not supported by WEB Gate:
 - application shutdown, restart
 - terminal configuration
 - reading of an acoustic animation (sound file)
 - display a recorded video sequence

WEB Maintenance remote diagnostics

In addition to WEB Gate, Vijeo Designer features the embedded diagnostics service WEB Maintenance - Transparent Ready WEB Server Class B15 (1). This server's navigation bar features an option for accessing the following functions:

- WEB Gate
- Animation tables
- Web interface for retrieving data files (recipes, logs, multimedia files)

Note: Terminals programmed using Vijeo Designer can be accessed directly via their names. This function is supported by the DHCP and DNS network services.

(1) Please refer to our website www.schneider-electric.com.

Integrated diagnostics

Vijeo Designer can be used to access the “Diag buffer” function of Modicon M340/Premium/Quantum PLCs via the following protocols:

	Modicon M340 Unity Pro	Premium PL7	Premium Unity Pro	Quantum Unity Pro
UNITE-Series	Accessible	Accessible	Accessible	Accessible
UNITE-TCP/IP XWAY	Accessible	Accessible	Accessible	Accessible
UMAS Modbus TCP	Accessible	Accessible	Accessible	Accessible
UMAS Modbus RTU	Accessible	Accessible	Accessible	Accessible
UMAS Modbus Plus	Accessible	Accessible	Accessible	Accessible
UMAS UNITE-Series	Accessible	Accessible	Accessible	Accessible
UMAS UNITE-TCP/IP XWAY	Accessible	Accessible	Accessible	Accessible
UMAS Modbus TCP USB PPP	Accessible	Accessible	Accessible	Accessible

Accessible
 Not accessible

Intelligent Data Service option

Intelligent Data Service (IDS) is an extension of Vijeo Designer for the target PC (Magelis or standard PC) which supports the implementation of control solutions for one or a number of terminals (up to 8).

This extension offers full process traceability. Both process variables and operator actions are tracked so that the right decisions can be made at the right time (*Industrial Business Intelligence*).

Powerful

The IDS extension enables data to be collected from multiple terminals via Ethernet without impairing HMI reaction times.

Flexible

The IDS extension supports various storage methods; CSV files can be read directly in MS Excel, saving as free format in an SQL database or secure IDV (*Intelligent Data Vault*) files to ensure compatibility with the requirements of 21 CFR Part 11.

Innovative

In just a few clicks of the mouse, the IDS extension allows you to create dashboards that can be accessed from any WEB browser (Silverlight) as well as clear and well organized reporting documents.

Intelligent Data Service Report Printing option

Intelligent Data Service (IDS) Report Printing is an extension of Intelligent Data Service for the PC (Magelis or Standard PC).

This extension allows you to create new reports “from scratch” and link them to IDS data.

In addition to editing functions, IDS Report Printing allows you to preview the report before printing, print it or save it to file on disk.



Communication protocols between the HMI application and the PLCs

Communication between the operator dialogue application and the connected control equipment is established using a communication protocol (driver), which is selected when creating the application in Vijeo Designer.

Schneider Electric protocols

Vijeo Designer supports the following Schneider Electric protocols:

- Modbus RTU Master
- Modbus TCP/IP Master
- Modbus Plus (1)
- Modbus 32-bit extensions
- ELAU PacDrive (ELAU C00x/LMCx00)
- Unitelway
- UniTE TCP/IP
- USB terminal port for Modicon M340 CPUs
- FIPIO (2), FIPWAY (2)

All Schneider Electric drivers provide IEC access to input bits/words and output bits/words: Modbus (RTU and TCP/IP), Modbus Plus (GMU and USB), Uni-Telway, Xway.

Direct I/O access authorizes access to the hardware input and output registers.

Register addresses comply with the syntax of IEC standards and the address rules for UNITY configuration software (%I, %IW, %Q, %QW).

If requested by the user, the variables associated with a PLC can be read ("on demand scan" function). The DDT and unlocated variables of Unity Pro are supported.

Third-party protocols

Vijeo Designer supports the following third-party protocols:

Emerson

ROC Plus (SIO) and ROC Plus TCP/IP protocols.

Mitsubishi

Melsec protocols: A/Q CPU (SIO), A/Q Ethernet (TCP), QnU Ethernet (TCP), A/Q Link (SIO), QnA CPU (SIO), Q Ethernet (UDP), QnU Ethernet (UDP), FX (CPU), QUTE for Q00JCPU.

Except for Melsec-A Link (SIO) protocol, Mitsubishi serial link protocols do not work on the RJ45 port (1).

Omron

Sysmac protocols: FINS (SIO), LINK (SIO), FINS (Ethernet) and Trajexia.

Rockwell Automation

Allen-Bradley protocols: DF1-Full Duplex, RS DataHighway 485, Ethernet IP (3) (PLC5, SLC500, MicroLogix, ControlLogix), Ethernet IP native (ControlLogix), Ethernet IP High Speed access, DeviceNet Slave (5), Ethernet IP Explicit.

Siemens

Simatic protocols: MPI (S7-300/400), MPI Direct, RK512/3964R (S7-300/400), PPI, Siemens Ethernet (ISO-on-TCP/Profinet), MPI pass-through function.

Profibus DP protocol (4).

Toyoda

Toyopuc Ethernet PC3J (TCP/IP) and Toyopuc Link (SIO) protocols.

(1) Via USB Modbus Plus gateways: **XBTZGUMP** with proprietary OS, **TSXCUSBMBP** for Magelis with Windows OS.

(2) Via USB FIPIO gateway **TSXCUSBFIP**.

(3) Certified ODVA compatibility.

(4) Via Profibus DP Bus expansion card **XBTZGPDP**. Certified by Profibus Foundation.

(5) Via Device Net Bus expansion card **XBTZGDVN**.

Note: For more information on connection of Magelis terminals to field buses, please refer to "Magelis GTO/GK/GH/GTU" catalog.



VJDSUDTGAV62M

References

All licences for the Vijeo Designer configuration software listed below consist of a DVD containing:

- Vijeo Designer software, including:
 - Copyright-free stand-alone installation of Data Manager
- User documentation in electronic format, including:
 - Online help for the software
 - User Manual for the supported targets
 - Setup Manual for the different protocols supported
- A multimedia self-learning tool lasting 1 hour 30 minutes in English/French
- The supported communication protocols

Note: Magelis STO/STU terminals can be programmed using Vijeo Designer Limited Edition. Vijeo Designer V6.2 supports applications created with any version of Vijeo Designer ≥ V4.6.

If you are updating an earlier application, please consult your Schneider Electric Customer Care Centre.

Single-station Build Time licences

Description	Licence type	Application transfer cable		Reference	Weight kg
		PC side port	Magelis terminal side		
Vijeo Designer configuration software	Single (1 station)	–	– (1)	VJDSNDTGSV62M	0.125
		USB	Magelis STO/STU Magelis GTO/GK/GH/GTU Magelis industrial Panel PCs and Box PCs (HMIBMP, HMIBMU) (2)	VJDSUDTGAV62M	0.330

Multi-station Build Time licences

Description	Licence type	Number of stations	Reference	Weight
Vijeo Designer configuration software	Group	3	VJDGNDTGSV62M	0.125
	Team	10	VJDTNDTGSV62M	0.125
	Facility	Unlimited number of stations on one site	VJDFNDTGSV62M	0.125

Run Time licences (3)

Description	Licence type	Number of stations	Reference	Weight
Vijeo Designer Run Time licence for Magelis iPC	Single	1	VJDSNRTMPC	–
Intelligent Data Service licence extension for Vijeo Designer Run Time	Single	1	VJDSNTRCKV62M	–
Intelligent Data Service Report Printing for IDS	Single	1	VJDSNTRPRV62M	–
Vijeo Designer Run Time IDS Report Print pack (4)	Single	1	VJDSNTRPKV62M	–

(1) References for application transfer cables (PC to Magelis GTO/GK/GH/GTU terminal) are listed under "Application transfer cables - terminal to PC" in "Magelis GTO/GK/GH/GTU" catalog.

(2) USB cable for PC connection included, **XBTZG935** (refer to "Magelis GTO/GK/GH/GTU" catalog).

(3) The Run Time licence drives the execution of an application. It is only used for Magelis industrial Panel PCs and Box PCs (HMIBMP, HMIBMU).

(4) Pack of 3 licences: Vijeo Designer Run Time licence for Magelis iPC, Intelligent Data Service licence extension and Intelligent Data Service Report Printing licence extension.

HMI configuration software

Applications for tablets and smartphones

Vijeo Design'Air



Vijeo Design'Air

Presentation

Vijeo Design'Air is an application for Android and iOS tablets and smartphones. They enable you to connect remotely to an HMI terminal over a WiFi network and display a graphical view of the same on your tablet and smartphone.

During the design phase, you can set the HMI terminal to be detected by Vijeo Design'Air. The HMI's accessibility level can be configured to provide view only mode or full control and also secured by requiring user authentication for login.

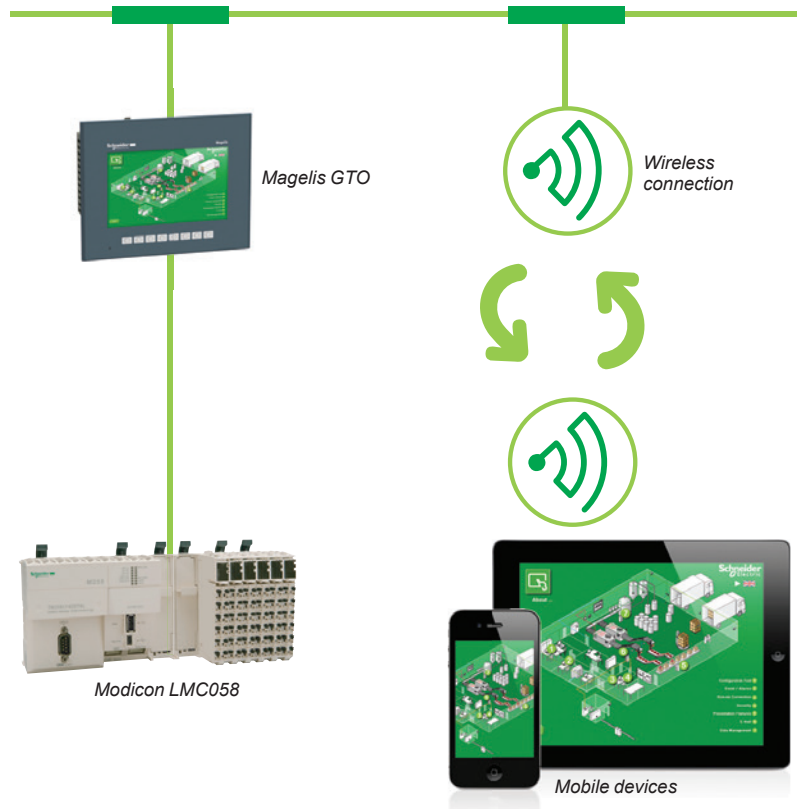
Vijeo Design'Air supports the following features:

- HMI Auto-detect: scans and detects available HMI terminals on a nearby network.
- Remote monitoring: connects tablets and smartphones to HMI terminals, and allows remote viewing and controlling of HMI projects at run time.
- Advanced screen: takes advantage of advanced graphic and multi-touch capabilities of tablets and smartphones and applies it to the automation industry.

Architecture

In this configuration, the HMI terminal acts as the server, while the tablet or smartphone acts as the client. The server and client communicate over a WiFi wireless, 3G, 4G, or LTE network.

After connection is established, you can use some of the functionalities of tablets and smartphones to remotely interact with the HMI terminal. For example, you can perform touch or swipe actions to start or stop a process or to navigate between screens. You can also use pinch action to zoom in and out of a screen for better viewing.



Vijeo Design'Air compatible HMI terminals

Below is the list of Magelis HMIs that are compatible with Vijeo Design'Air:

- Magelis™ STO and STU terminals
- Magelis GTO and GTU terminals
- Magelis GK terminals
- Magelis XBTGH portable terminals
- Magelis SCU
- Magelis Industrial Panel PCs and Box PCs (HMIBMP, HMIBMU)

Note: Download Vijeo Design'Air from Google Play or App Store in iTunes.



Vijeo Design'Air Plus

Presentation

Vijeo Design'Air Plus is an application for Android and iOS tablets and smartphones which enables you to create a tablet/smartphone project specifically for the tablet/smartphone display size. At runtime, an operator can access the user application to display data and control automation processes on the tablet/smartphone.

The Vijeo Designer's drawing tools can be used to create and edit a visual representation of the automation process. You can draw shapes and parts (such as rectangles, arcs, and pies), Toolchest parts (such as numeric displays, switches, and bar graphs), use the gradient feature to enhance the color of the drawn objects, and set up an Alarm Panel for remote alarm monitoring.

Vijeo Design'Air Plus supports the following features:

- HMI project design: enables the HMI designer to create a tablet/smartphone project of the automation process using enhanced drawing tools.
- Remote access and control: enables an operator to control automation processes, provide the ability to view and monitor data, change variable values, and monitor and acknowledge alarms.
- Enhanced data display: takes advantage of the advanced graphic and multi-touch capabilities of tablets and smartphones and applies them to automation industry.

Architecture

Vijeo Design'Air Plus allows the operators to select a user application, and on successful login downloads and launches the tablet/smartphone application. The operator can view and monitor an automation process, and for example, change values in numeric displays and string displays. In the Alarm Panel, the operator can monitor and acknowledge alarms.



Vijeo Design'Air Plus compatible HMI terminals

Below is the list of Magelis HMIs that are compatible with Vijeo Design'Air Plus:

- Magelis STO and STU terminals
- Magelis GTO and GTU terminals
- Magelis GK terminals
- Magelis XBTGH portable terminals
- Magelis Industrial Panel PCs and Box PCs (HMIBMP, HMIBMU)

Note: Download Vijeo Design'Air Plus from Google Play or App Store in iTunes.

V	
VJDFNDTGSV62M	9
VJDGNDTGSV62M	9
VJDSNDTGSV62M	9
VJDSNRTMPC	9
VJDSNTRCKV62M	9
VJDSNTRPKV62M	9
VJDSNTRPRV62M	9
VJDSUDTGAV62M	9
VJDTNDTGSV62M	9



www.schneider-electric.com/hmi

Schneider Electric Industries SAS

Head Office
35, rue Joseph Monier
F-92500 Rueil-Malmaison
France

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Design: Schneider Electric
Photos: Schneider Electric