

Get your operator interface applications up and running with Vijeo Designer

A single software you need to program your Magelis HMI applications



Make the most of your energySM

Schneider
Electric

Vijeo Designer

Let the intuitive interface be your guide



Vijeo™ Designer is the only software you need to program all your Magelis™ HMI products. Developed with market-standard technologies, including HTML/JAVA languages for web navigation, JPEG for screenshots, MPEG4 for video, Compact™ Flash card and USB key for archiving, and standard HP printers for printing reports/screen snapshots, it offers an intuitive interface, with easy object configuration to speed up the process of designing HMI applications. With the Intelligent Data Service add-on, you realize full and safe processes, compliant with the traceability requirements of FDA 21 CFR PART 11.

> Flexible

With its ability to adapt to your exact display and control requirements, Vijeo Designer handles all your HMI applications quickly and easily across the range, from the smallest application Magelis STO terminals to the most complex applications for Magelis IPC with 19" iDisplay.

> Open

Magelis operator interfaces configured with Vijeo Designer can communicate over several different automation protocols simultaneously, enabling your applications to integrate controllers and devices from different manufacturers already in place with newly installed upgrades.

> Smart

You can also save time with Vijeo Designer's application management tools, by using the image library, configurable objects and PC simulation features at the design stage, or the embedded FTP server and backup function during maintenance.

> Innovative

In a few steps you create dashboards, as well as reporting documents, easily.

Powerful features you need to get your applications fully implemented in no time.

Multi-approach

Offering a wealth of functionalities to meet all your requirements and adapt to your installation, Vijeo Designer can be used as an independent or companion software tool. It is integrated in the SoMachine™ software suite for OEM applications.

A unique software

You can download and run Vijeo Designer applications on any Magelis HMI terminal. With this single programming software tool designed for the entire Magelis product family – from small panels to powerful iPCs with 19" iDisplay – you can transfer applications from one platform to another with a simple click of the mouse.

Multi-protocol

Vijeo Designer can communicate easily and simultaneously with a wide range of programmable logic controllers (PLC), industrial peripherals, and third-party equipment all connected to a single HMI terminal. Whether your equipment is made by different manufacturers or comes with different types of connections, the multi-protocol architecture takes care of it all.

Multi-access

The HMI networking function provides instant communication at all levels of your installation. With Web Gate functionality, you can view, monitor, and control your HMI applications from any computer anywhere in the world via a standard web browser. With IDS Explorer, the process data history can be made available on the web.

Multilingual

With Vijeo Designer, your HMI applications can be used anywhere in the world. Vijeo Designer supports 38 alphabets and manages 15 languages simultaneously. Simply choose your language!

Multimedia

Featuring video display, recording, playback, and screen capture, Vijeo Designer's multimedia functions are ideal for monitoring, reporting, training, and troubleshooting your HMI applications.

Multi-target

With Intelligent Data Service you can trace any variables of the process and any user actions coming from several Ethernet enabled targets.



Multimedia

View your images in real-time using a camera connected to your HMI.

- > View or record live video
- > Play recorded video files as well as MP4 video files
- > Capture snapshots from video or create screen captures and save in JPEG format

Configuration tool

The intuitive interface guides you through your tasks, while user-friendly dialog boxes make it easy to configure the objects you need.

- > Create applications using a WYSIWYG* editor
- > Use an icon-driven, drag-and-drop interface
- > Use easy-to-read tool windows to view and access information quickly, define parameters, track errors, and select precreated graphic objects
- > Navigator
- > Property inspector
- > Graphic list
- > Feedback zone
- > InfoViewer

* What You See Is What You Get

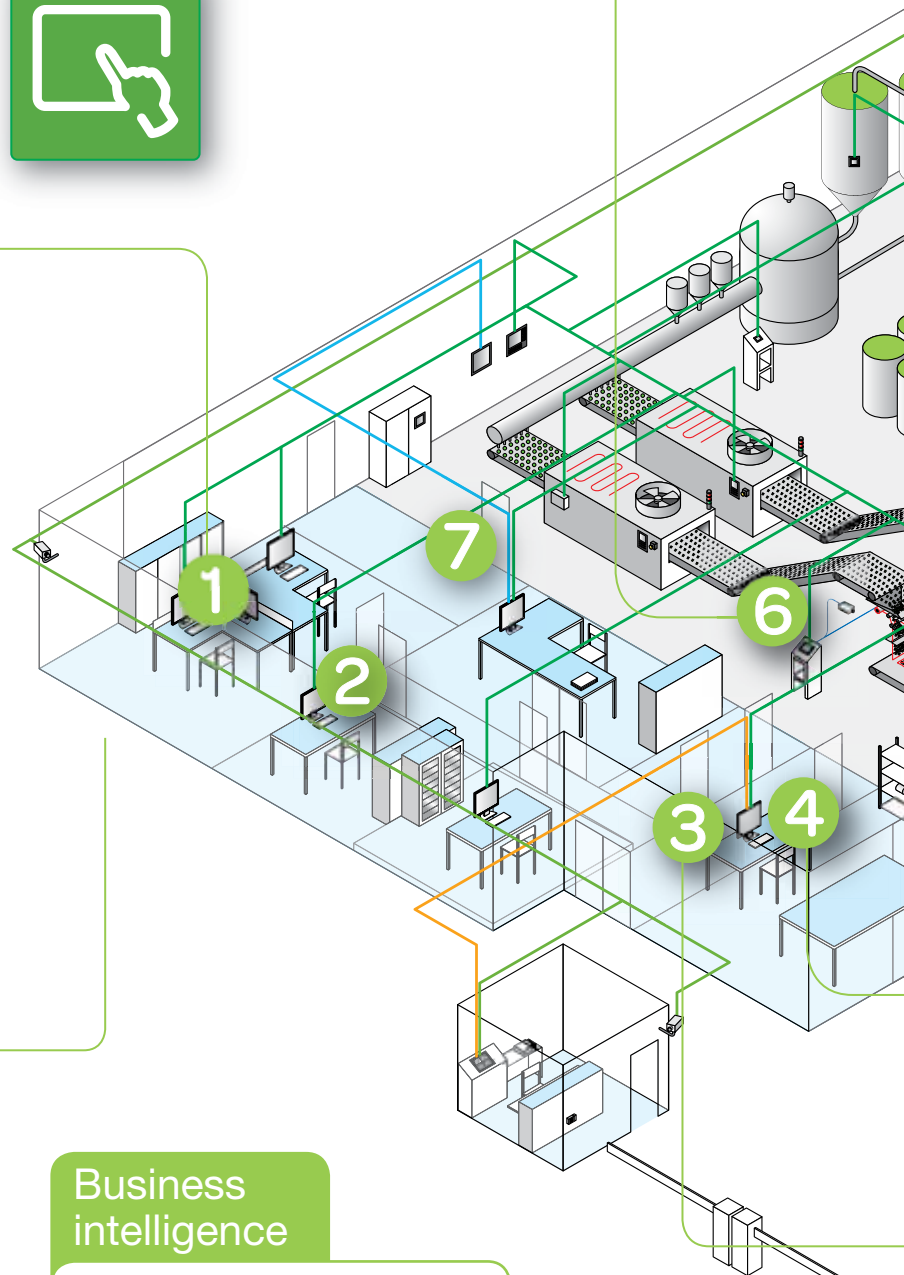
Data exchange and archiving

A simple and efficient way to exchange data with perfect traceability and security.

- > Synchronize data and processes between multiple terminals
- > Share up to 300 variables between eight terminals
- > Exchange register values between multiple PLCs
- > Collect data at regular intervals or when a trigger is activated
- > Local data storage (CF card plugged on panel) or remote data storage (SQL database)

Business intelligence

- > Keep a close eye on critical parts of the process and make timely decisions to increase productivity.

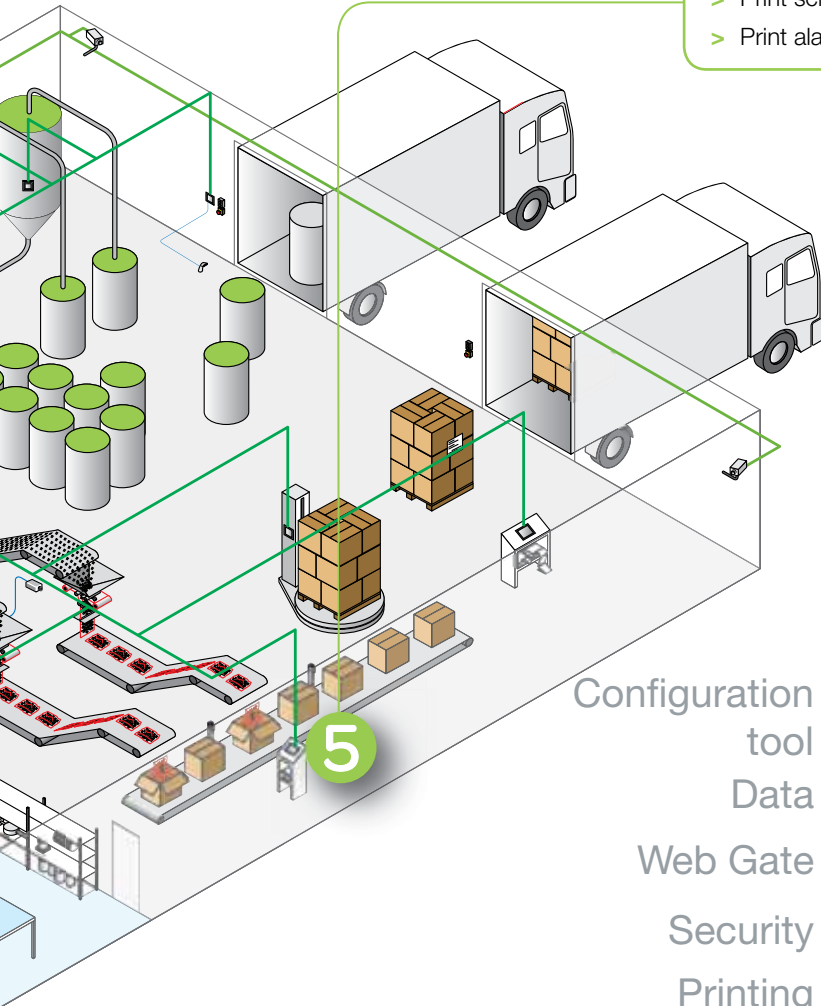


- > View images and screenshots using the Capture Viewer
- > Use plug-ins supported by Internet Explorer® to view Word®, Excel®, PowerPoint® and PDF documents

Printing

Print your screen or video pages using standard printers.

- > Print production reports (with bar codes)
- > Print screenshots
- > Print alarms whenever an alarm occurs



Configuration tool 1

Data 2

Web Gate 3

Security 4

Printing 5

Multimedia 6

Production control 7

Remote access

All your HMI applications are just a web browser away.

- > Web Gate on the terminal acts as a web server
- > Share data with a remote PC across a corporate LAN or the Internet
- > Send email with important data and required attachments to prompt user action, services, and updates, or assist with remote diagnostics

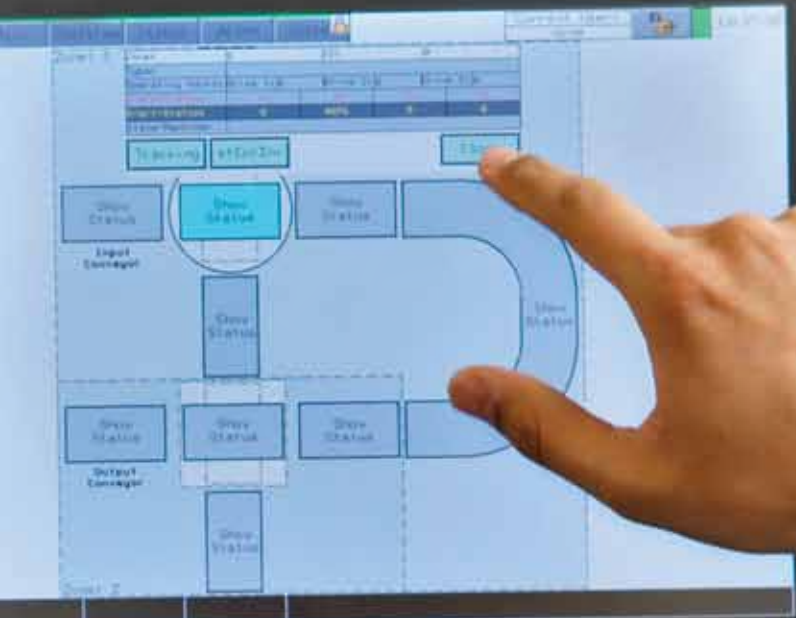
Security

Protect all your terminal and project data.

- > Security based on individual users, as well as groups of users
- > Define different levels of security and authorization
- > Control access to screens, popup windows, objects, function keys, downloading, Data Manager, Web Gate
- > Lock an object by graying it out, displaying a locked-out icon on the object, or making it invisible
- > Automatically log out inactive operators
- > User profile management compatible with pharmaceutical standards
- > Traceability of the operator's actions
- > DV® secured file format



Magella



24V OK
24V OK
LOCAL INPUT
ACKN. E-STOP
ACKN. E-STOP
R112 2 MAN



Vijeo Designer selection guide

Build time

Number of licenses	Composition	References
Single (1)	No cable With USB cable	VJDSNDTGSV60M VJDSUDTGSV60M
Group (3)	No cable	VJDGNDTGSV60M
Team (10)	No cable	VJDTNDTGSV60M
Facility (unlimited)	No cable	VJDFNDTGSV60M

The software is supplied on DVD and runs under Windows® XP, Windows Vista and Windows 7. 60 represents the version number.

Magelis iPC Runtime

Single (1)	VJDSNRTMPC
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Intelligent Data Service (IDS) Runtime

Single (1)*	VJDSNTRCKV60M
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* Need an authorized Magelis iPC Runtime

Runtime IDS report and printing extension

Single (1)*	VJDSNTRPRV60M
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* Need a registered Runtime for IDS



For more information on how **Schneider Electric** can maximize the benefits of implementing **Vijeo Designer**, contact your local sales representative or authorized Schneider Electric distributor..

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