

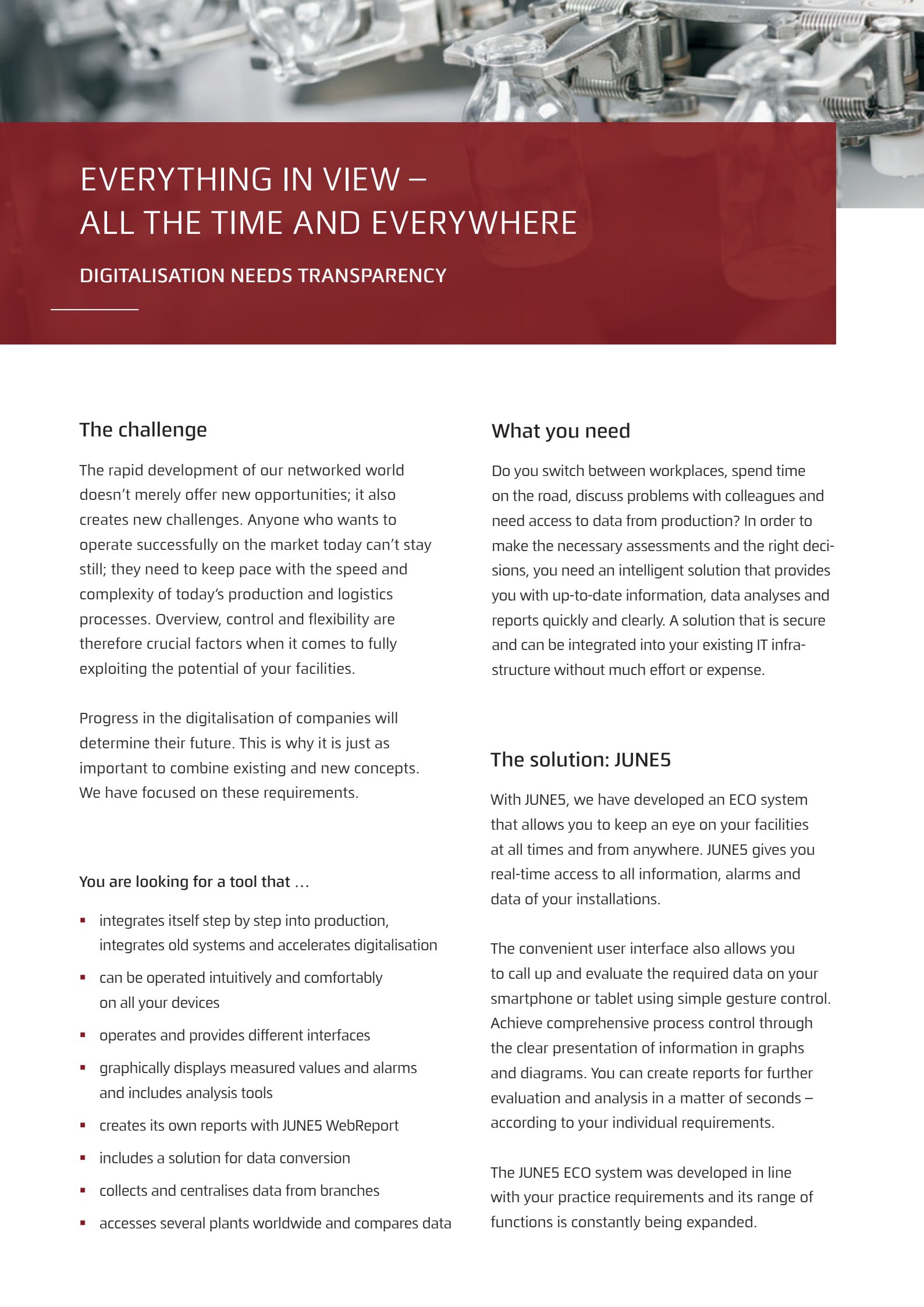


CONTROL AND ANALYSIS OF YOUR SYSTEMS

AT ANY PLACE – AT ANY TIME



- Fast access to all production data with reports and analysis
- Access and control from any location without having to install additional software
- Integration of individual functions and further web-based products
- Secure web-based ECO system for your production data
- Access to multiple production sites – **CLOUD READY**

A close-up photograph of industrial machinery, likely a bottling line, featuring several clear glass bottles being processed by mechanical arms and nozzles. The background is slightly blurred, focusing attention on the mechanical components and the bottles.

EVERYTHING IN VIEW – ALL THE TIME AND EVERYWHERE

DIGITALISATION NEEDS TRANSPARENCY

The challenge

The rapid development of our networked world doesn't merely offer new opportunities; it also creates new challenges. Anyone who wants to operate successfully on the market today can't stay still; they need to keep pace with the speed and complexity of today's production and logistics processes. Overview, control and flexibility are therefore crucial factors when it comes to fully exploiting the potential of your facilities.

Progress in the digitalisation of companies will determine their future. This is why it is just as important to combine existing and new concepts. We have focused on these requirements.

You are looking for a tool that ...

- integrates itself step by step into production, integrates old systems and accelerates digitalisation
- can be operated intuitively and comfortably on all your devices
- operates and provides different interfaces
- graphically displays measured values and alarms and includes analysis tools
- creates its own reports with JUNE5 WebReport
- includes a solution for data conversion
- collects and centralises data from branches
- accesses several plants worldwide and compares data

What you need

Do you switch between workplaces, spend time on the road, discuss problems with colleagues and need access to data from production? In order to make the necessary assessments and the right decisions, you need an intelligent solution that provides you with up-to-date information, data analyses and reports quickly and clearly. A solution that is secure and can be integrated into your existing IT infrastructure without much effort or expense.

The solution: JUNE5

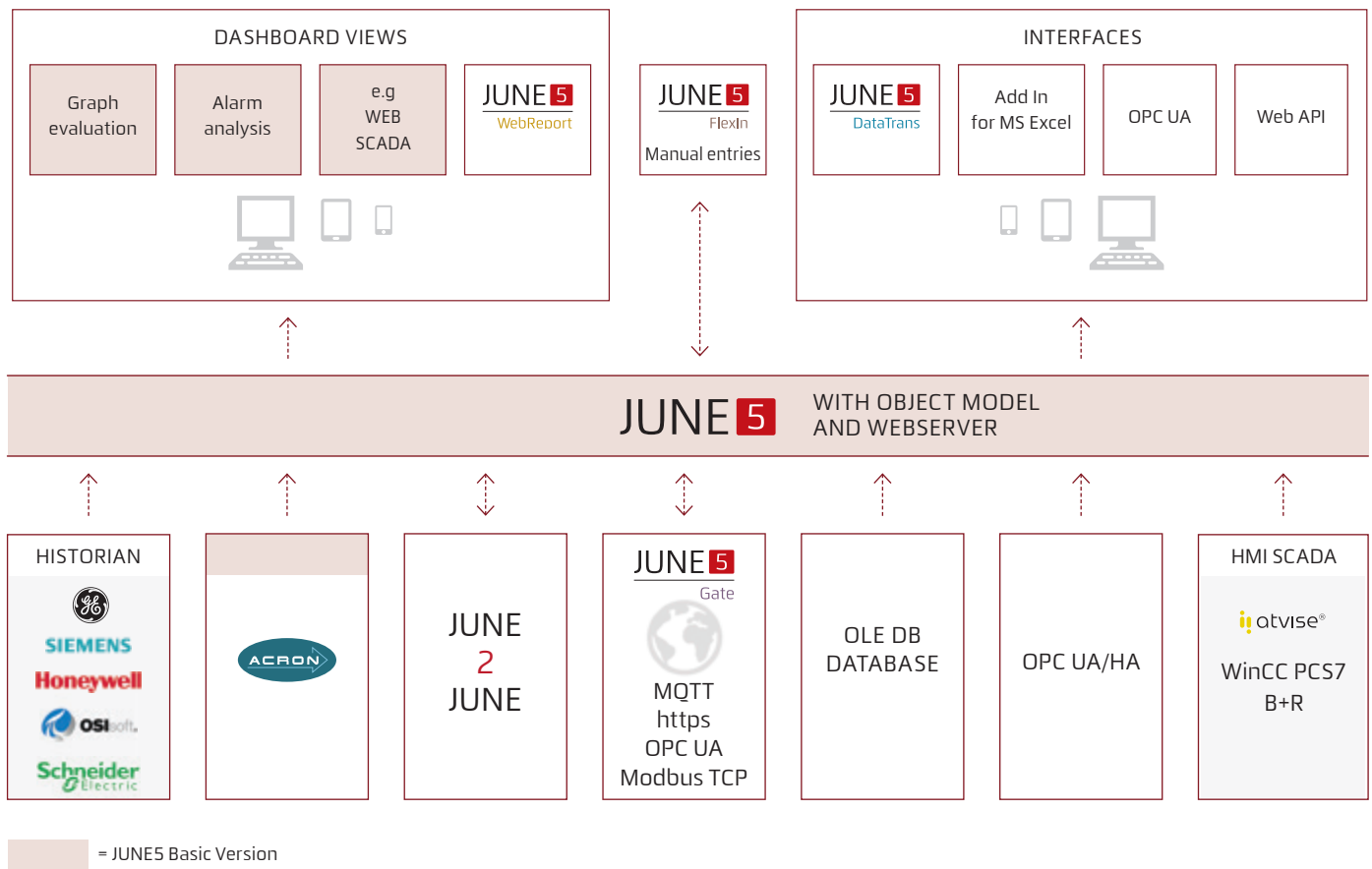
With JUNE5, we have developed an ECO system that allows you to keep an eye on your facilities at all times and from anywhere. JUNE5 gives you real-time access to all information, alarms and data of your installations.

The convenient user interface also allows you to call up and evaluate the required data on your smartphone or tablet using simple gesture control. Achieve comprehensive process control through the clear presentation of information in graphs and diagrams. You can create reports for further evaluation and analysis in a matter of seconds – according to your individual requirements.

The JUNE5 ECO system was developed in line with your practice requirements and its range of functions is constantly being expanded.

JUNE 5

ECO System



With JUNE5 you can ...

- analyse, monitor and evaluate data in real time
- create and save diagrams
- analyse alarms from ACRON
- take reports out of ACRON and convert them to PDF format
- enter manual values – also in offline mode
- assign access rights for clients, groups and objects
- integrate further web applications
- connect further functions to the JUNE5 platform
- create your own reports with JUNE5 WebReport
- read out automated data and convert it to other formats

The benefits for you

- Easy to implement
- Minimal effort for parameterisation
- No installation of plug-ins in the browser necessary
- Own user administration for structured data access including interface to your AD
- Intuitive operation
- High performance with optimal display thanks to responsive design
- High data security
- Secure communication via internet and intranet
- Multiple languages available: German, English (language is changed online)
- Image of the system via the directory tree or switchable via the classification according to functions / work groups

MODULES + FUNCTIONS

IN THE BASIC VERSION

The dashboard – convenient operation

A freely configurable dashboard was implemented to display all user-related information at a glance. The various JUNE5 objects can be displayed here and third-party applications (e.g. Web HMI SCADA) can also be integrated. The individual, personalised representations can be saved.

Reports in seconds

JUNE5 allows you to output reports in PDF format on your smartphone, tablet or the web interface of your desktop computer. A plug-in for the browser or on the mobile device is not required. The desired database is selected directly in JUNE5, the report is then queried from the ACRON server within seconds and regenerated. Within a very short time, the most up-to-date information can be accessed via the mobile device – no matter where you are. For more flexibility and efficiency, at the workplace or on the move.

Or perhaps you want to use JUNE5 WebReport to generate a report across various data sources and make it available to your users.

Comprehensive analysis

To be able to use data efficiently in the industrial sector, web-based solutions which allow easy and clear analysis must be available. This is the only way to turn data into information that can also be used on the move. The second generation of the JUNE5 portal solution makes this possible with extensive analysis functions.

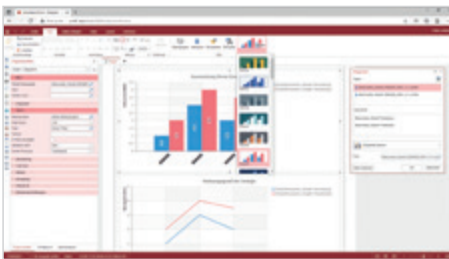
JUNE5 WebReport

Do you want to create reports on the web and have your own database (e.g. SCADA or SQL databases)? There is an optional report generator for JUNE5 that can be used to create any type of report. You can find detailed descriptions in the “Information material” section of our website.

Clear graphs

The values for the graph display can be selected directly in the linked database. By simply swiping the selected lines into the right-hand diagram field, the desired graph is immediately displayed. It is, of course, possible to display several graphs on top of each other. Different time axes can also be displayed simultaneously at any interval you like. For example, a monthly graph can be superimposed onto a daily progression so that unusual values are immediately recognisable. The data can also be exported into different file formats at any time. When the online mode is set, JUNE5 accesses the most current system values and graphically displays the most current status of the updated values.





Mobile manual entries

In many areas it may be necessary to enter values manually on site and transmit them to the server. In JUNE5, this possibility is also implemented with a corresponding option: JUNE5 FlexIn can be used for extended requirements. The native manual values app for Android and iOS is particularly useful in areas where there is no mobile reception or stable connection to the server and where, for example, QR codes are to be used. As soon as the connection is re-established, the entered value is automatically transferred to ACRON and is entered there with the corresponding time stamp. Subsequent entry of read values into ACRON is no longer necessary. This means that sources of error are minimised and a smooth process is guaranteed.

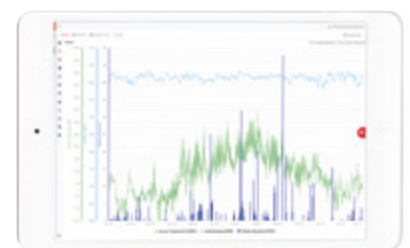
We have compiled detailed information on JUNE5 FlexIn for you in a separate brochure.



Individual diagrams

Your plant is visualised in a hierarchical structure. Each measuring point can be displayed with a short or long designation, depending on the requirements. Individual measured variables are inserted or deselected in the diagram field using the swipe technique or drag & drop. This means that the selected datasets can be linked and displayed in the selected chart type in a matter of seconds.

The diagrams can be generated from archived process, interval, daily, weekly, monthly or annual values as required. The presentation is possible both in absolute figures and as a percentage. The best possible dataset is always transmitted, which ensures optimum display depth on the mobile device. The display is a scalable vector graphic, the size of which can be adjusted continuously and without loss of quality by dragging it with two fingers. The optimal graphical representation of the diagrams is therefore always guaranteed.



MODULES + FUNCTIONS

Industry-specific visualisation

In JUNE5, diagrams related to different industries are already implemented – e.g. different diagram types for the requirements of the energy and environmental industries:

- Bar graph
- Pie chart
- Annual hydrograph
- Carpet plot
- Sankey diagram
- Various traffic light plots etc.

Further diagram types can be implemented on request.

Convenient rights management

Comprehensive multi-client capability has been implemented with JUNE5. This function makes it possible to assign access rights to different users. Individual rights can be assigned at client level, allowing the respective user to look specifically at different systems or components. User groups can also be created and access rights configured – even across different systems.

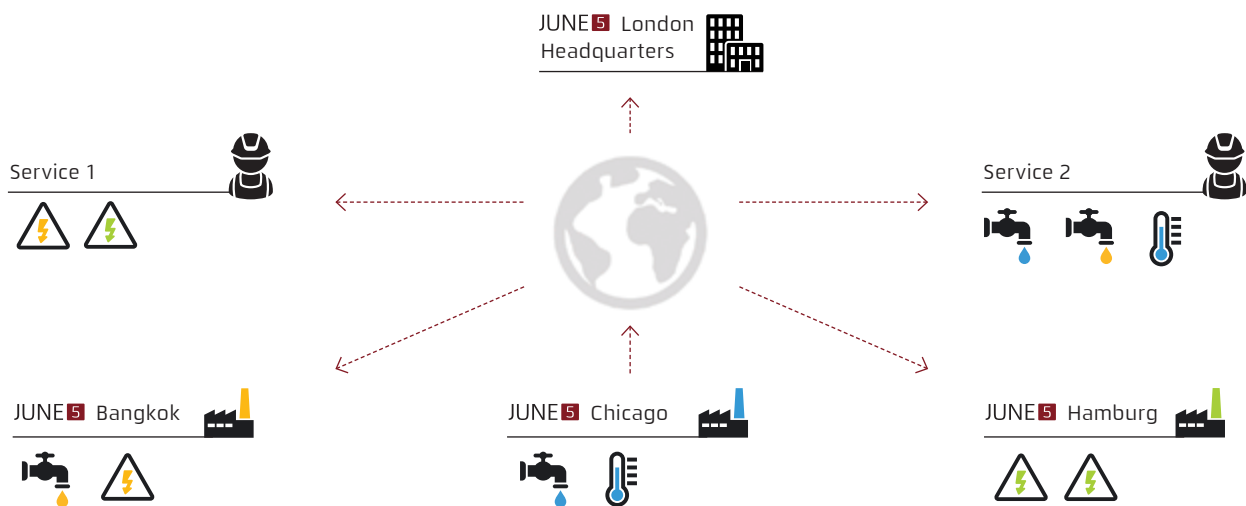
In addition, access rights of individual user groups can be granted for certain object groups in JUNE5, for example, for areas such as energy, climate, water, etc. This means that you can determine individually who in the company has access to which information. This possibility exists in JUNE5, everywhere, at any time and, of course, also across plants.

Seamless IT integration

The JUNE5 ECO system is based on the web server service which also means that data can be made available to other systems via a secure web API. This interface is supplied with data from the ACRON API, for example – optimised and with high performance.

This means that, for example, atvise® web HMI/SCADA can make direct use of the data from ACRON and display historical data using the board means. In addition, an optional module JUNE5 DataTrans was developed for the JUNE5 interface. This allows even large amounts of data to be made available automatically in a very short time. Here, the implemented query mechanisms can be used to access the data of the various historian systems such as ACRON and convert them into various formats. You can find a detailed description in the brochure on our website.

In addition to the connection to the ACRON API, the multi-server functionality can also be used from ACRON version 8.2 onwards. This gives you the option of accessing several applications at the same time or even mixed applications, and running a graphical evaluation. Following this concept, further interfaces to different data pools are continuously being implemented in JUNE5. An OPC UA HA interface is integrated and a connection to SQL databases and the historian product OSI PI is possible. The historians from Siemens, GE, Schneider and Honeywell are also coupled. The connection of further historian packages will follow. You can find out the current development status from our sales department, the website, or our technical information service by email.



Multi-client concept according to user groups, administrators or plants

Ready for digitalisation

JUNE5 is also ready for the strategic step towards Industry 4.0. Modern web technology with HTML 5, without the use of plug-ins, is fully implemented in the system approach. This means that JUNE5 can be integrated into a public cloud infrastructure as well as into the more frequently used private cloud. The current JUNE5 version focuses on integration in the private cloud. This is currently preferable for reasons of data security, as the data can be hosted securely and centrally within the companies.

JUNE5 allows you to bring modern cloud technology into your plant – on premises!

Integration of web applications

In an open chart type, further web applications can be integrated via the URL. As an example, the integration of the web SCADA functionality of atvise®. This gives the operator all important and individual functions at a glance.

Tested security

Continuous security checks are an integral part of our product developments. The security of JUNE5 was also given the highest priority. Therefore, JUNE5 was tested for IT security in several tests by the Centre for Computing Technologies (TZI) at the University of Bremen. This involved automated penetration tests to find common vulnerabilities such as SQL injection and cross-site scripting vulnerabilities. In manual tests, the rights management and authentication mechanisms were also checked and an external code review was carried out. The result of the comprehensive and independent security audit by the TZI: JUNE5 has been assessed as a secure solution according to the latest findings.



SERVER SOFTWARE

The current operating system releases are available on request.

CLIENTS

A list of tested terminals and web browsers is available.

COUPLINGS (mixed also possible)

HISTORIAN

ACRON

OSI PI Connector

GE Historian

Honeywell PHD

SIMATIC Process Historian and

Wonderware Historian on request

Others on request

HMI SCADA

OPC UA HA Server

WinCC/PCS7 via OLE DB-Provider

atvise®

B + R

Funded by: Bundesministerium für
Wirtschaft und Energie (Federal Mini-
stry for Economic Affairs and Energy)
based on a resolution of the German
Bundestag



You can find more information about JUNE5 on our website: www.videc.de/june5.

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Please refer to our website for branch offices and international representatives.



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