

eve<sup>®</sup>

Be on top of things

Join the new and revolutionary Bioprocess Platform Software

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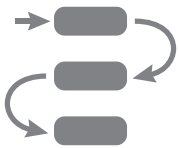
## This is eve®

eve® is able to do more than just plan, control and analyse your bioprocesses. The eve® software integrates workflows, devices, bioprocess information and big data in a web-based platform that lets you organise your projects – no matter how complex they are.



### **eve® unifies bioprocesses. All of them.**

eve® integrates bioreactors, shakers, analytical instruments, and bioprocess data of all kind – regardless of the manufacturer – using cutting-edge NoSQL technology instead of traditional SQL. eve® catapults your bioprocesses into the world of big data, giving you information centrally, uniformly and quickly.



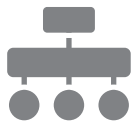
### **All-inclusive workflow: from planning to data analysis**

eve® covers every aspect of a bioprocess, with a straightforward user navigation system that keeps the workflow on hand at all times. The workflow integrates all of the experimental requirements, from project, experiment and batch planning to resource administration and analysis of the results. Process Management becomes comprehensive and easier than ever before.



### **Customised and selective: packages**

eve® is as suitable for researchers as it is for users in industry. Tailor eve® to your own personal needs by combining various packages however you like. Select the features that make your life easier: draft bioprocess strategies in an astonishingly easy process – a few clicks is all it takes. Generate more information thanks to soft-sensors, and use DoE methods for faster results. It's up to you how you want to work with eve® – add new features anytime you like.



### **Organised and packed with bioprocess expertise**

eve® gives you precisely the tools and information you need for your work sequences. Its integrated, expandable libraries organise information about process data, organisms, media, soft-sensors and formulations. Your bioprocess expertise is organised in a central location, easy to expand and available whenever you need it.



### **Unlimited and independent: web-based**

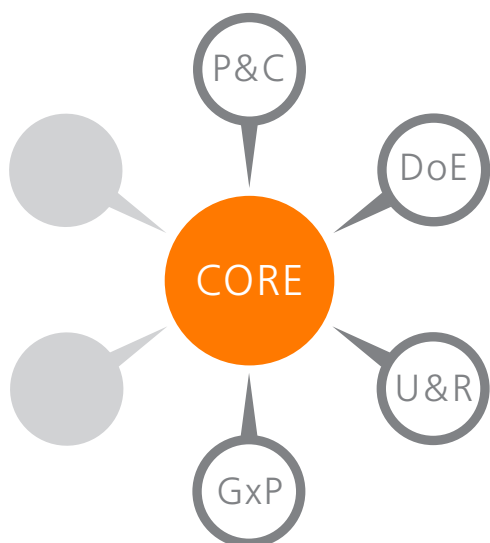
Because eve® is web-based, your bioprocess data are available for you right from a browser, ending your dependence on operating systems – one central installation is all you need. eve® adapts to your needs. Everywhere, unlimited and independent.



### **eve® is reliable and secure. Always.**

Start up your computer and eve® is ready to go for as long as the computer is running. Your bioprocess will be recorded in the background, even if no user is logged in. After a power failure, eve® will automatically start up as soon as the computer is turned back on. You can depend on eve®. Always.

## Customised and selective: packages



eve® has a modular structure. The core software can be expanded with additional packages any way you like and tailored to your individual needs. Additional packages with new features will follow – stay informed with the eve® newsletter.

[www.infors-ht.com/eve](http://www.infors-ht.com/eve)

**eve® Core provides the basis for the planning, monitoring and analysis of your bioprocesses.**

### Connectivity

- Connect and manage any number of bioreactors and shakers, as well as analysers\*
- Unlimited user access from everywhere without installation
- Supported protocols: OPC XML DA, OPC DA, OPC UA

### Knowledge

- Save all batch data in a central, fast NoSQL database (ElasticSearch)
- Data and information management company-wide or work group-wide
- Libraries for experiments, organisms, culture media and compounds
- Data import: .csv, excel, .eve, .iri
- Data export: .eve, .csv

### Monitoring & data visualization

- Monitoring of up to 80 batches\*
- Dynamic and fixed alarms
- Audit Trail
- Monitoring on any number of screens with up to 4 charts per browser window (multiple browser windows per screen possible)
- Individually adjustable charts
- Automatic marking of process phases in batches

### System requirements

Processor	Multicore 64 bit (Intel i5 and higher)
Memory	8 GB (16 GB recommended)
Hard drive	HDD 250 GB (SSD 512 GB recommended)
Screen resolution	1280 x 720 (1920 x 1080 recommended)
Network	LAN adapter
Operating system	(64-bit) Windows 7 Pro, Windows 8.1 Pro, Windows 10 Pro, for multi user access: Windows 2012 Server R2
Recommended browser	IE11, Edge, Chrome

\* Number depending on server performance and operating system

### eve® supports the following systems

- All INFORS HT bioreactors, as well as the Mintron and Multitron shakers
- Sartorius DCU
- Applikon in-/ez-/my-Control
- Devices meeting the OPC standard (Siemens, Allen-Bradley, etc.)
- Software via OPC or INFORS HT Rest API (Matlab, etc.)

Communications protocols for eve® are constantly being expanded.

We would be happy to integrate your bioprocess equipment. Contact us for a quote.

Contact us for a  
personal consultation.

[www.infors-ht.com/eve](http://www.infors-ht.com/eve)



08.17 May be subject to technical amendments.

[www.infors-ht.com/eve](http://www.infors-ht.com/eve)

We bring life to your laboratory. **INFORS HT**