



**Solutions, When the Conventional Ones Run Out of Breath**



# DATA PROCESSING

**Universal solution for your data analyzing and processing needs**

Our Data Processing solution provides a universal real time data analyzing and processing platform. It covers the whole range of data processing-related tasks for Safibra's sensing and monitoring systems. The solution consists of specially developed Signal Processor software run on a powerful workstation called ProcessGuard.

### Web-based user interface

There is no need to install anything on your computer, only an internet browser for remote connection is necessary.

### Perpetual license

No annual fees for operating the data processing SW. All licenses are perpetual with one year free of charge technical support.

### Real-time data streaming

Measured data are streamed via our proprietary Data Streaming Protocol (DSP) designed for high data throughput with low latency.

## PRODUCTS USED IN SOLUTION



**ProcessGuard**

This powerful workstation is especially recommended as a HW platform for Safibra's Data Processing solution. It ensures trouble-free installation, commissioning, data flow and processing and it comes with pre-installed SigProc software as default.



**SigProc**  
Signal Processor

Intuitive and simple, and thus a very powerful tool for acquisition of raw data and consequent data processing using AI and data visualization. It is used for filtering, FFT calculations and many others, such as definition of alarm and signal logic etc.



# KEY SOLUTION FEATURES & BENEFITS

## Only one platform

No matter what type of Safibra's system you use, data processing is always ensured by the same platform.

## 3<sup>rd</sup> party integration

The processed data can be easily integrated into network management systems (NMS), visualization SW interfaces and other 3<sup>rd</sup> party systems using several available protocols or via our DSP.

## Artificial intelligence deployment

Sophisticated algorithms with AI are deployed in some modules of higher level SigProc licenses like advanced fingerprint pattern alarm setting.

## Processing from any Safibra's systems

The Data processing platform enables handling data from several measurement and monitoring systems simultaneously. It makes system integration easier.

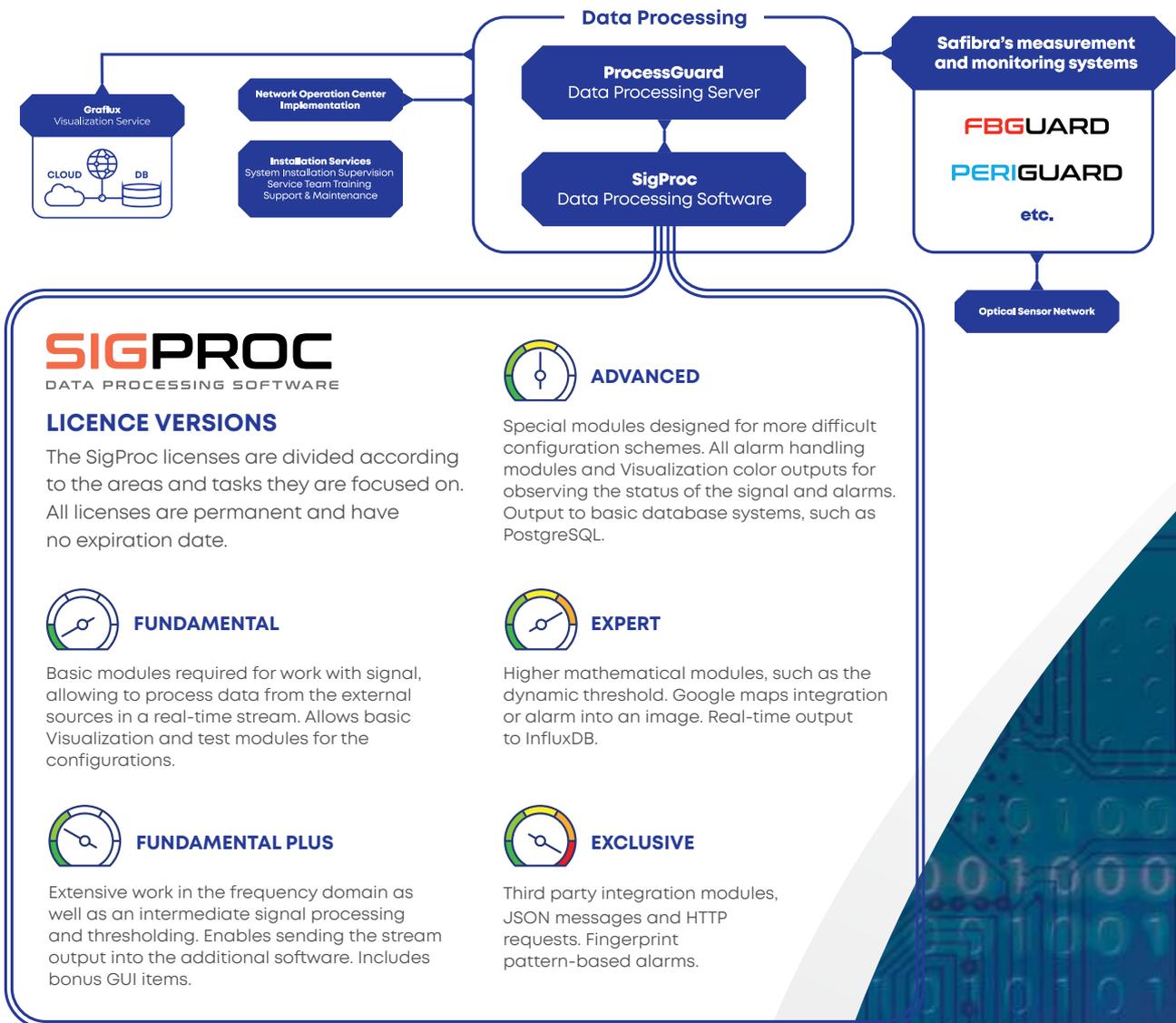
## Update of license

The license is connected to the HW key. The lower level license can be easily updated to a higher level license just by replacing this HW key.

## Configuration & modules

Individual tasks are solved in configurations that consist of 60 predefined modules, which represent computational tasks for processing input data.

# PROJECT REQUIREMENTS



**GET IN TOUCH WITH US**  
and we will recommend you the most suitable solution for your project.

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