FILcommand®

**ILT Industrie-
Luftfiltertechnik**

VARIETY IN SERIES:

Extensions quickly realized— without great effort.

FILcommand

Ethernet	PC	Linear control	PLC
Serial	Actuators	FU	PLC
USB	USB devices	Illuminated keyboards	Finger-print scanner
		USB memory	Barcode/2D Code laser
DIO	Sensor	Blinking lights Signal lights	Switch
AIO	Sensor	Motor	FU
CANopen (Master)		CANopen Slaves	EX Module - inlet - outlet - relay outlet - analogue inlet - analogue outlet - temperature inlet
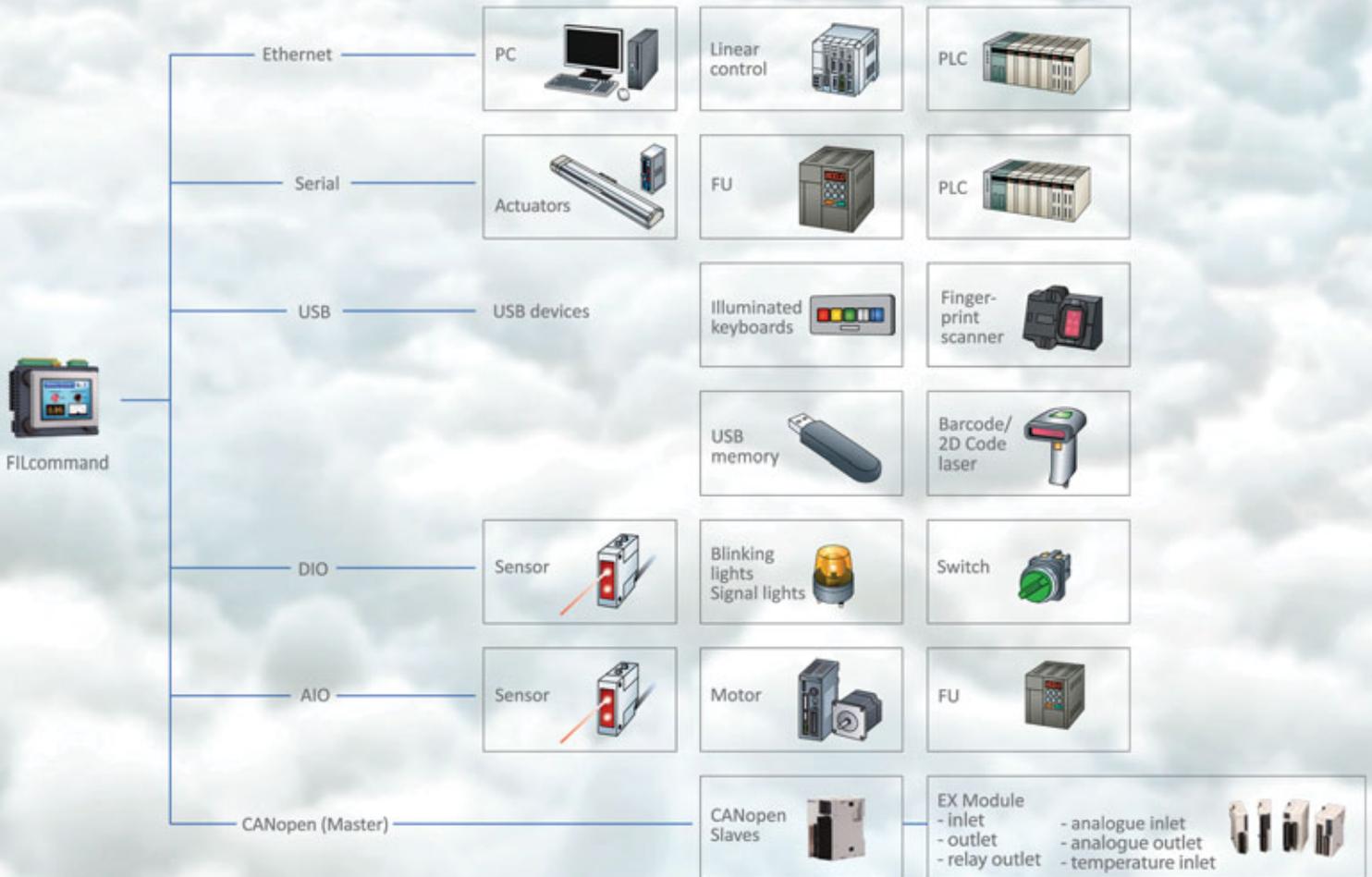
Lowering operating cost and making efforts to save investment budget by means of **3R**-principle.

Right integration of right information at the right time.

Meeting standards in industrial air quality. Since 1983. We were among the first to establish the principle of direct suction.

We are technology leaders in the field of electrostatic separation of coolants. Own patents, first in row our patented modular system, deliver easily and sustainably clean air.

ILT REALIZES SOLUTIONS,

working efficiently over a long period of time.
All from one source and by specialists for clean air in industries.

With FILcommand we are the first company to offer an innovation facilitating air pollution control in the production process even more easily thus helping to save operating cost. FILcommand is a unique MHI (Human Machine Interface) optimally adapted to the special requirements for handling, operation and control of ILT air filtration units.

When designing the control logics we strictly relied on the 3R-principle: right integration of right information at the right time – this means that the operator is constantly informed about important parameters like condition of filters, maintenance points or the condition of the entire ILT unit. Thus, maintenance is carried out adequately instead of unexpectedly at any time.

The best thing about it is: Thanks to a context-sensitive help feature every user is explained what needs to be done on the unit. This means quick and easy response to different modes of operation – helping you save production time.

FILCOMMAND IS THE MOST FLEXIBLE STANDARD FOR OPERATION AND CONTROL OF ILT AIR POLLUTION CONTROL SYSTEMS.
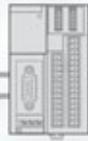
FILcommand for operation and
control of ILT Air Filtration system

FILcommand Master

CANopen Slave

CANopen Slave

CANopen Slave

FILcommand can control several, even different
ILT Air Filtration system

EURO

Integration into on-site controls

FILcommand is more than a user interface. There is a well-engineered SPS with optional CANopen-Bus behind it with a multitude of input and output possibilities.
You wish for example to easily adapt your air-conditioning technology to the air pollution control system? You wish to transfer certain information to machines based on the condition of the air filtration system? No problem.

FILcommand even realizes complex commands or – upon request – individual signaling. This way you are saving expensive control solutions: FILcommand covers everything.
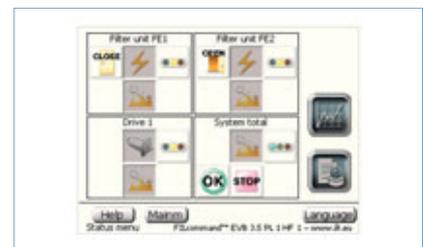
You save time and costs.

Easy can be that good.
Overview of the highlights.

Context-sensitive help features

Error code X831_1? Where is the manual? This can be saved in future. Thanks to the informative help function which is easily accessible in every menu, the operator is explained what the item means and what to do. Valuable production time is not wasted by searching. FILcommand is directly target-aimed. Only few buttons must be pushed: Realistic 3D-graphics on the easy-to-operate touch display speak a clear language.

Maintenance at the right time

An important order must be handled at the time of a filter exchange? FILcommand tells you when the right time is – you save time and machine downtime costs. By means of the installed maintenance point diagnostics your maintenance team is informed at any time. You do not wish to carry out maintenance yourself? By means of an optional tele-service module we take that on for you. With defined reaction times upon request.
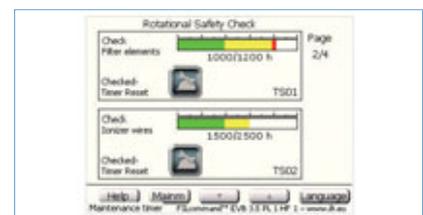
With extendable modules

You save cost if you wish to enlarge your air filtration system. Thanks to the thought-out master-slave-architecture of FILcommand extensions without costly installations of the control cabinet extensions of filtration units can quickly be realized: an additional module is simply added. That's it! By means of a one-off control larger air filtration units or even de-central suction systems (e.g. several air filtration units at different machines) can be supervised, status reports can be coordinated from one point. Upon request, IP-based remote-controlled via your company network or even via your tablet PC.
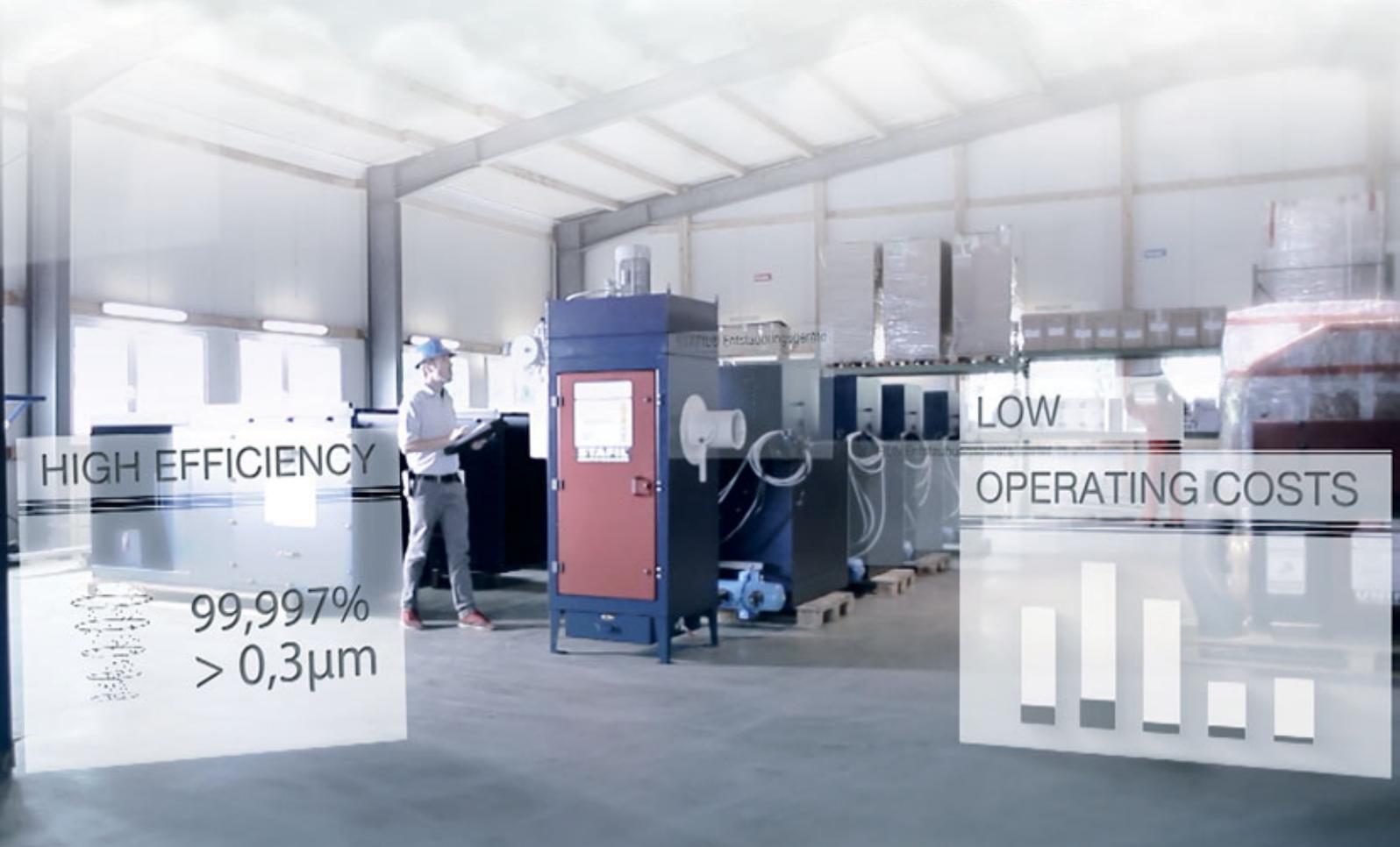
HIGH EFFICIENCY

99,997%
> 0,3µm

LOW

OPERATING COSTS

This is how FILcommand helps with air filtration systems in the production process.

Flexible application and cost-saving.

We care for pure air.

FILcommand is flexible

Application of air filtration systems of different production series and with different filtering procedures is no problem: The concept of FILcommand comprises all production series. No matter whether you use an electrostatic precipitator, a mechanical filter, a deduster or even a wet separator with profound periphery from our assortment of products – you only have one control and one interface. This saves cost because you do not have to procure a variety of switchboxes or most different controls any longer.

You save operating cost

A control for an air filtration device? This makes sense. Common displays normally are only able to do one thing: They show that something is wrong. With FILcommand you can exactly plan your production and machine times. And you will be able to save a lot of money by mainte-

nance recommendations, individual inspection points, trends and histories: FILcommand does not tell you that "something" is wrong – you will exactly be informed about what is wrong. Or you get the parameters you have to take into account in case of high speed treatment, certain batch sizes or operating hours. And they will be precisely delivered. This is because the word "approximate" does not correspond to production surroundings offering high quality products.

With FILcommand development goes beyond

And you are profiting: Our experience leads to further developments in technologies for control and diagnosis. This is done continuously. This way, you regularly get new functions constantly improving the operation of your air filtration unit or considering current regulations and specifications. Reliable and safe by means of easy software updates – and without changes of the switch cabinet hardware.

A CONTROL FOR ALL ILT AIR FILTRATION UNITS • FLEXIBLE AND COST-SAVING • FUTURE-PROOF BY SOFTWARE UPDATES • ALL OPERATION PARAMETER ARE BEING CENTRALLY REGISTERED.

ILT Industrie-Luftfiltertechnik

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