

## Press Release

### Everything in view with a single scan

#### Viledon® Process View enables efficient filter monitoring

**In energy-intensive industrial painting processes, inefficient filtration systems can quickly have a negative impact on operating costs. Furthermore, poor filter performance can lead to paint defects and particle inclusions. Viledon Process View makes things better. This versatile data management system from Freudenberg Filtration Technologies was developed to enable customers to keep an eye on the overall process at all times as part of the Viledon filterCair service – and to quickly take action where necessary.**

“This offering is a further extension of our innovative Viledon filterCair filter management system. We have now added a crucial component and achieved an intelligent industry 4.0 standard”, explained Christian Westenburger, Global Innovation Manager Surface Treatment. With Viledon Process View, digitally documenting the performance of a filter system will become more convenient and simpler. One important component is the new “Vi.P. View” app. Via a QR code on the equipment, this ensures that customers always have access to essential data on the filters being used.

Users simply scan the QR code with the app, enter or retrieve data, and the evaluation is complete. This makes it possible to monitor and manage systems in real time – in a modern, fast and mobile way. As well as technical information covering filter stages and elements, all information on filter tests, maintenance and process parameters can be stored and viewed in the background data management system.

Measured values such as pressure differences or air velocities, as well as information on previous filter changes, provide a complete overview and form a sound basis for determining the condition of the system.

#### Pressekontakt

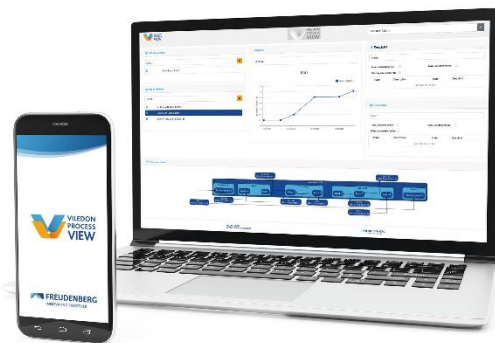
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Maintenance and servicing work is addressed, processed and documented in a targeted manner.

### **Increased plant efficiency, reduced maintenance costs**

During tests, the Viledon filterCair team or an internal technician on site stores the measurement data in the system. The information is immediately available and can be viewed and analyzed accordingly. Inefficient filter elements can be quickly detected and replaced within the scope of condition-based maintenance. Weak points are eliminated. “Thanks to this intelligent and innovative platform, we are able to give our customers the decisive advantage of monitoring, evaluating and planning their processes in a future-oriented environment. The system ensures a stable overall process”, said Westenburger. Efficient analysis improves response time and maintenance quality, while filter service life and energy consumption are also optimized.



**Image:**

**Caption:** Systems with filters can be viewed using Viledon Process View. The digital tool has the advantages of longer filter service lives, fewer unplanned shutdowns, and minimized energy consumption.

**Image source:** Freudenberg Filtration Technologies

#### **About Freudenberg Filtration Technologies**

As a global technology leader in air and liquid filtration, Freudenberg Filtration Technologies develops and produces high-performance, energy-efficient filtration solutions which improve the efficiency of industrial processes, conserve resources, protect people and the environment and thus enhance the quality of life. With its Viledon® and micronAir® global brands, Freudenberg Filtration Technologies offers customers innovative filter elements and systems for the energy and resources, hygiene and health, automobile and transport, production and building technology sectors, and for highly-specialized applications. In 2022, Freudenberg Filtration Technologies generated sales of €677 million and employed 3,552 people at year end.

[www.freudenberg-filter.com](http://www.freudenberg-filter.com)

**About the Freudenberg Group**

Freudenberg is a global technology group that strengthens its customers and society long-term through forward-looking innovations. Together with its partners, customers and research institutions, the Freudenberg Group develops leading-edge technologies and excellent products and services for about 40 markets and for thousands of applications: seals, vibration control components, batteries and fuel cells, technical textiles, filters, cleaning technologies and products, specialty chemicals and medical products.

Innovation strength, strong customer orientation, diversity, and team spirit are the cornerstones of the Group. The 170-year-old company lives by its core values: a commitment to excellence, reliability and pro-active, responsible action. In 2022, the Freudenberg Group employed over 51,000 people in around 60 countries worldwide and generated sales of more than €11.7 billion. For more information, please visit [www.freudenberg.com](http://www.freudenberg.com).