

# DVC Technologies

**DVC CLOUD** – cloud-based hardware and software

monitoring and control system  
industrial equipment



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index.html X
index.html > html > body > s
339 function moveAt(pageX, pageY) {
340   chart_main2_1.style.left = pageX + 'px';
341   chart_main2_1.style.top = pageY + 'px';
342 }
343 function onMouseMove(event) {
344   moveAt(event.pageX, event.pageY);
345 }
346 document.addEventListener('mousemove', onMouseMove);
347 chart_main2_1.onmouseup = function() {
348   document.removeEventListener('mousemove', onMouseMove);
349   chart_main2_1.onmouseup = null;
350 };
351 chart_main2_1.ondragstart = function() {
352   return false;
353 };
354
355 };
356
357 function fn12(event) {
358
359   let shiftX = event.clientX - chart_main2_2.getBoundingClientRect().left;
360   let shiftY = event.clientY - chart_main2_2.getBoundingClientRect().top;
361   chart_main2_2.style.position = 'absolute';
362   chart_main2_2.style.zIndex = 1000;
363   document.body.appendChild(chart_main2_2);
364   moveAt(event.pageX, event.pageY);
365   function moveAt(pageX, pageY) {
366     chart_main2_2.style.left = pageX - shiftX + 'px';
367     chart_main2_2.style.top = pageY - shiftY + 'px';
368   }
369   function onMouseMove(event) {
370     moveAt(event.pageX, event.pageY);
371   }
372 }
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# DVC CLOUD

## Where does it work?

- **Monitoring and remote control** (including GSM) of industrial installations: Monitoring temperature, vibration and other equipment parameters for timely detection of faults.
- **Monitoring and optimization of production processes:** Collect and analyze data on the operation of equipment, including conveyor lines, to improve efficiency, plan maintenance and prevent downtime.
- **Product quality control:** Monitoring parameters at all stages of production to identify and eliminate defects in real time.
- **Energy Management:** Monitor energy consumption and optimize resource use to reduce costs and improve energy efficiency.
- **Analysis of local power generation data:** Connection to remote wind and solar generation installations for the purpose of fiscal accounting and performance monitoring



# DVC CLOUD

## Where else does this work?

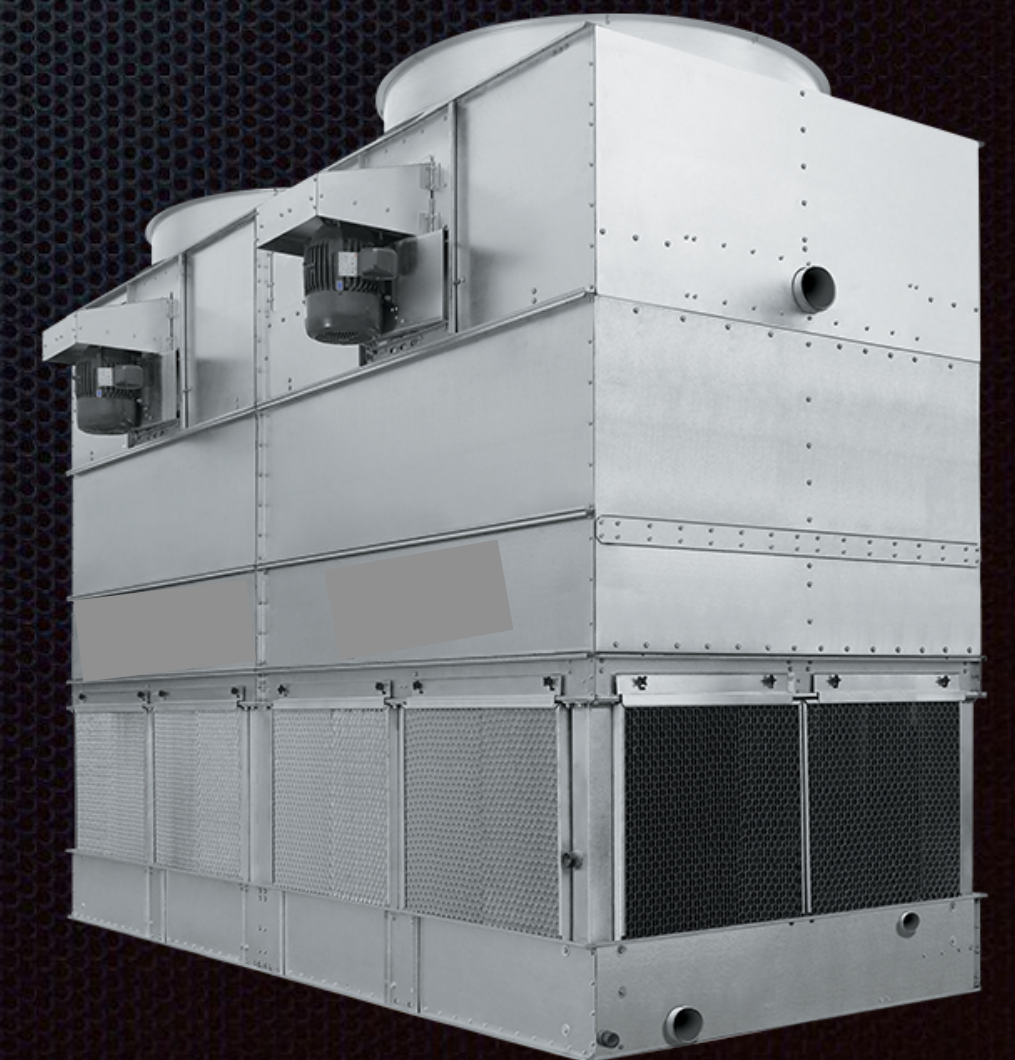
- **Monitoring the condition of workplaces and labor protection:** Monitoring working conditions, temperature, humidity and lighting to ensure comfortable and safe working conditions. Monitoring the operation of dangerous equipment and timely warning of potential threats.
- **Environmental Monitoring:** Track emissions, noise and other environmental indicators to meet regulatory requirements and reduce negative environmental impacts.
- **Collection of metering indicators:** Remote polling of electricity meters, water meters, gas and heat meters
- **Industrial and home automation:** Flexible system configurability allows you to control a variety of equipment from different manufacturers.
- **Automatic control of HVAC systems** (heating, ventilation, air conditioning) as part of dispatch systems



# DVC CLOUD

How does this work?

- Sensors send data about your equipment every minute via the DVC Point module to the DVC cloud
- DVC CLOUD works with DVC Point, DVC Head GALAXY and DVC Head PRO family controllers
- Algorithms identify trends and predict possible failures.
- The cloud platform visualizes data and, if necessary, sends notifications and recommendations to the service team



# DVC CLOUD

## Prevention of accidents and downtime

- The DVC complex analyzes voltage, current consumption, temperature, vibration, humidity, etc., automatically warning of deviations and preventing critical failures.
- The ability to remotely control allows you to quickly respond and prevent accidents



# DVC CLOUD

## Reduced operating costs

- You receive up-to-date information and make timely decisions. As a result:
- Repair costs are reduced by up to 30%
- Service costs are reduced by up to 70%
- Our algorithms reduce energy consumption, providing up to 35% energy savings by optimizing the connection of loads and consumers
- When automating urban lighting in some cities, savings reached 65%



# DVC CLOUD

Expand your business without increasing your staff!

The service department is changing its structure

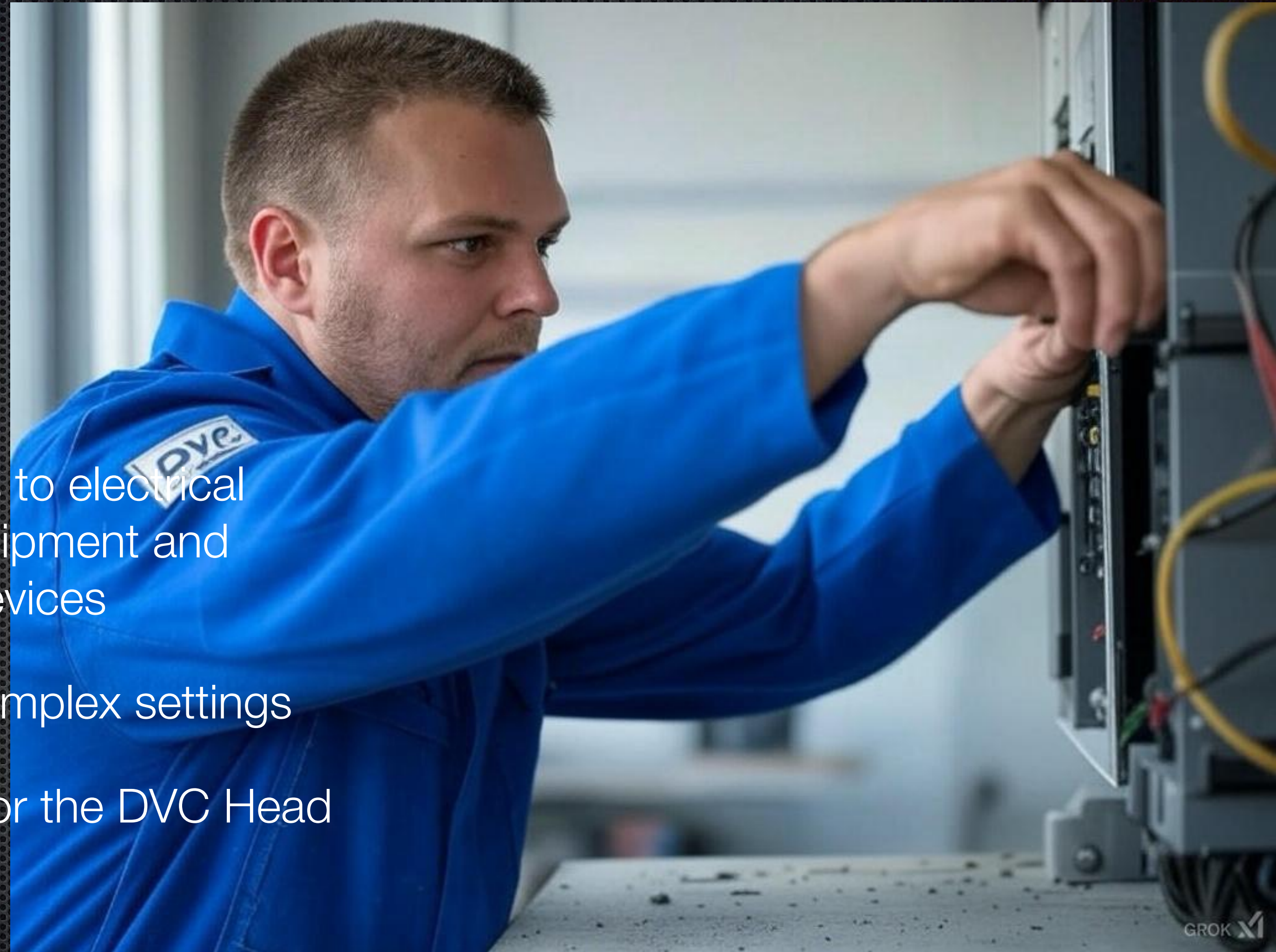
- There is no need for service staff to regularly visit remote sites
- Reduces the risk of work-related injuries for workers and technicians
- Logistics costs for operation services are reduced by up to 40%
- One engineer in the office can service hundreds of objects



# DVC CLOUD

## Flexibility and scalability

- The DVC Point monitoring module connects to electrical installations without the need to replace equipment and allows you to easily add new objects and devices
- Connection in 1 day without the need for complex settings
- Remote update and configuration support for the DVC Head and Energy family of controllers
- Personnel training takes less than 2 hours.

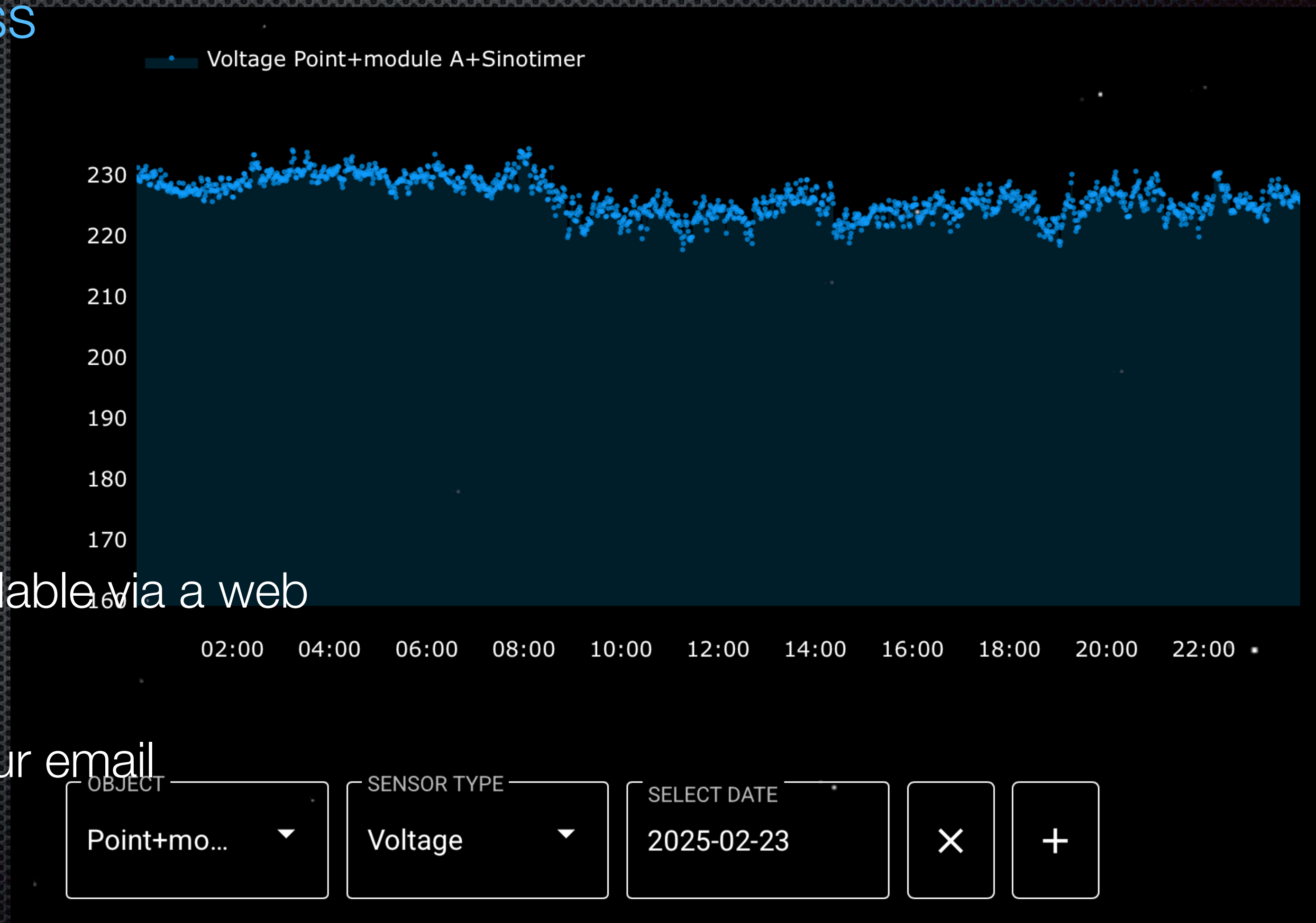




# DVC CLOUD

## Intuitive interface and remote access

- All information and management are available via a web interface from anywhere in the world
- Important notifications are archived in your email



# DVC CLOUD

DEVICE TYPE: DVC POINT + ModuleA + Sinotimer DDS6619-039 CONNECTION: connected  
POINT IMEI: 868328054893538  
UPDATED PERIOD: 1 minutes [dropdown arrow]  
SAVE

Actual Values of Parameters: 24.02.2025 02:02:45

Voltage:	231.5 V	0	0	230	230	<input type="checkbox"/>
Current:	0 A	0	0	5	5	<input type="checkbox"/>
ADC 1:	70.1 V	0	0	100	100	<input type="checkbox"/>
ADC 2:	1.82 V	0	0	100	100	<input type="checkbox"/>
Temperature:	33.3 °C	21.5	21.5	38	38	<input checked="" type="checkbox"/>
Signal level:	19	10	10	25	25	<input checked="" type="checkbox"/>
			0	1000		<input type="checkbox"/>

- On the control page you can set limits for each parameter
- When a setting exceeds these limits, you will receive a notification.

# DVC CLOUD

Reduce unnecessary expenses!      It's easy!

Proven effectiveness:

- The trout farm increased production volume without increasing the number of workers, downtime decreased by 16% in 3 months
- Municipal lighting departments have reduced energy consumption from 15% to 65%
- Warehouse complex for the sale of fuels and lubricants: 30% reduction in equipment failures during the first year of operation.



# DVC CLOUD

## Reliability

- The DVC hardware and software complex with Point family controllers has been in operation for more than 7 years. Controllers of the DVC Point family work without failures for years and provide high stability



# DVC CLOUD

Attention!



- A special offer for industrial equipment manufacturers to create their own cloud ecosystem for monitoring the equipment you produce
- Your clients will appreciate this convenience!

# DVC CLOUD

Financial model:  
transparency and convenience

- Payback of the solution is from 1 to 6 months due to reduced maintenance costs and energy consumption
- Flexible payment system:
- Purchase with technical support with the opportunity to test the equipment for a month
- SaaS model (subscription) with the ability to scale without initial investment
- Pilot project – an opportunity to test the system at one site before large-scale implementation



# DVC CLOUD

Get more information about your production processes!

Optimize the performance of your equipment today!

Reduce costs!

Contact us!:

- Web [division.business](http://division.business)
- E-mail [info@division.business](mailto:info@division.business)
- FB [dvctechnologies](https://www.facebook.com/dvctechnologies)
- Instaram [dvctechnologies](https://www.instagram.com/dvctechnologies)
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