
CALIBRATION SERVICES

Key to reliable, accurate results



Calibration services

Maintain the high-quality standard of your instruments and have confidence in their measurement accuracy with the VPIstruments service programs. Make sure that the cornerstone of your daily decisions is in excellent shape. VPIstruments offers flow meter calibration services at a state of the art calibration facility. Our calibration equipment is maintained under our ISO 9001 Quality Management System and is traceable to National Standards.

VPIstruments offers the following service options:

Exchange service

- > 3 to 5 year subscription
- > Single service

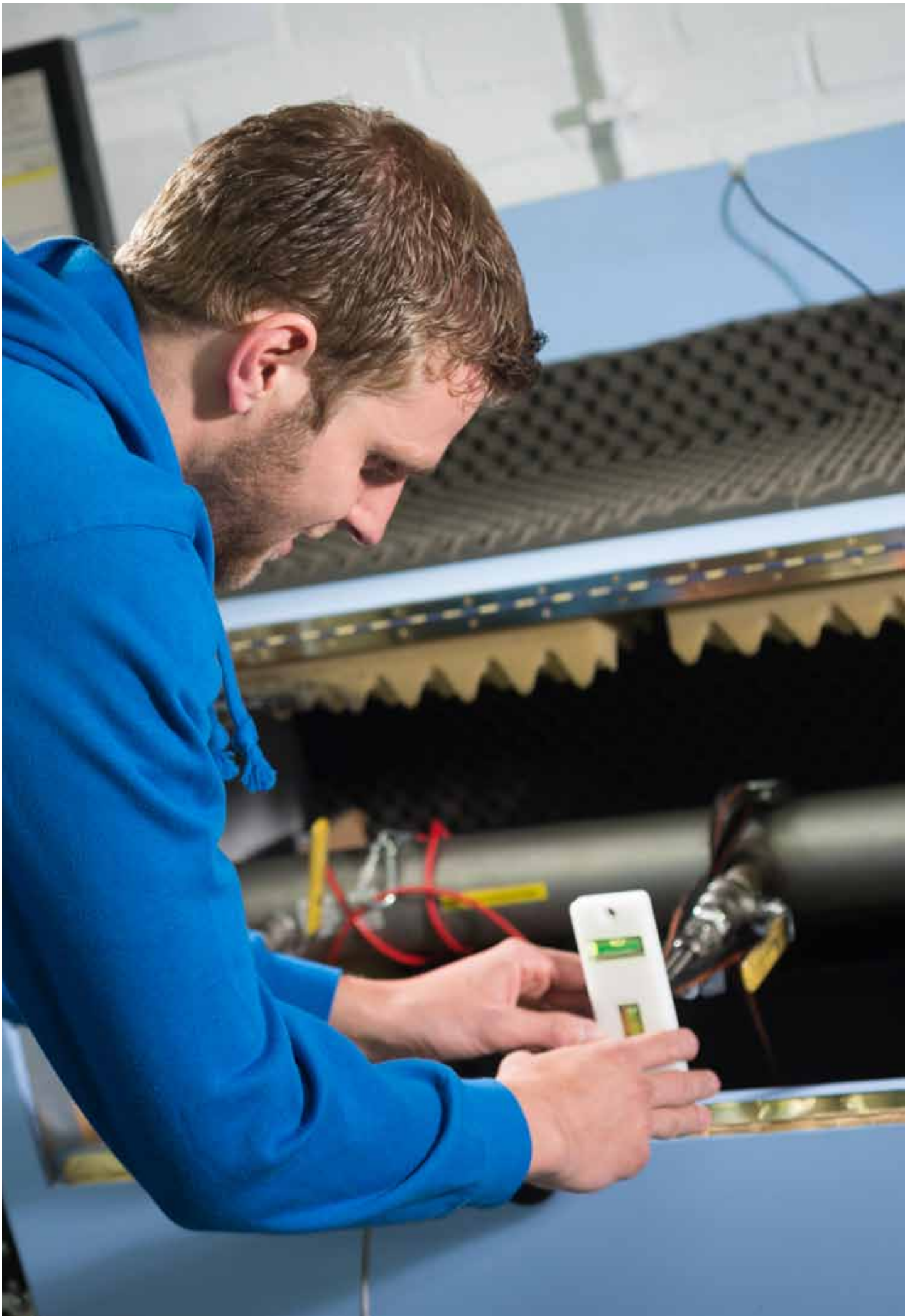
All-in service

- > 3 to 5 year subscription
- > Single service

The best option for you

For your easy decision making, here is a concise overview of the Service Programs.

	EXCHANGE SERVICE	ALL-IN SERVICE
Procedure	Exchange VPFlowScope will be shipped to customer first.	VPFlowScope will be send to VPIstruments. After recalibration, it will be shipped back.
Downtime	Negligible	2-3 weeks
Re-calibration	-	Included
Cleaning	-	Included
Repairs included (normal wear and tear)	-	Included
Warranty extension		12 months
Subscription		3 or 5 years
Your benefits		Guaranteed reliable results



Exchange Service

With the Exchange Service, you save money and time, without losing your data.

How does it work? You order an exchange VPFlowScope probe and upon receipt of your request, we send you an exchange VPFlowScope probe that is fully refurbished. Upon arrival, you can replace the VPFlowScope probe in one single maintenance activity! Afterwards you ship the original VPFlowScope probe back to us.

Exchange subscription

We offer an exchange subscription contract for a period of 3 or 5 years.*

Main advantages

- a. Full warranty on the exchange flow meters during the entire subscription period.**
- b. An attractive 7.5% (3 year) and 15% (5 year) discount when compared to the single exchange price.***
- c. We take care of your planning. Based on the agreed exchange interval, we will send you the flow meter(s) in time for each scheduled exchange. Once you receive the flow meter(s) you know it is time to initiate your maintenance procedure.

Single exchange as needed

You can also order a single, one-time exchange when you need it.***

All-in service

When you choose our all-in service, you send back the VPFlowScope to VPInstruments in Delft, the Netherlands. After receiving the VPFlowScope, we service it and ship it back to you.

The VPInstruments all-in service consists of:

- > Inspection
- > Cleaning
- > Repair
- > Re-calibration
- > Firmware updates
- > Warranty extension (1 year)

Service subscription

We offer an all-in service subscription contract for a period of 3 or 5 years.

* The Exchange Service only pertains to the D0 versions. Displays and other accessories are not included in the Exchange Service, as they do not need recalibration.

** A life time warranty during the exchange subscription is based on a recalibration period of 12 months.

*** Additional costs may apply to products which have not been maintained for over 36 months.

Main advantages

- a. Full warranty on the flow meters during the subscription period.*
- b. An attractive 7.5% (3 year) and 15% (5 year) discount when compared to the single all-in service price.**
- c. Fixed planning for service: every 12 months you will get an automatic reminder.

Single all-in service as needed

You can also order a single, all-in service when you need it.**

VPFlowScope M: no more recalibration

Unlike traditional flow meters, the VPFlowScope M does not require traditional recalibration. Recalibration is a matter of changing the patented VPSensorCartridge®. Besides the benefit of almost zero downtime, you also have less customs / on-site paperwork and lower transport costs.

Benefits

- > No downtime
- > Less customs paperwork
- > Lower transport costs



* A life time warranty during the all-in service subscription is based on a recalibration period of 12 months.

** Additional costs may apply to products which have not been maintained for over 36 months.

Why calibration?

You have chosen VPIstruments flow meters to deliver reliable, traceable measurement results. Reliable measurement data is key to making the right decisions. Since sensors and electronics may drift, might get polluted or mechanically wear out, it is important to maintain and calibrate your meters using a reliable, traceable reference standard.

For most instruments the recommended re-calibration interval is annually. The best interval is dependent on the application, on air quality, the intensity of use, and process parameters, etc. For example:

Air quality

When your air quality is poor, fouling of the flow meter sensor element can occur or it can even damage the sensor. Your flow meter might need recalibration more often than once a year. ISO 8753.1 is a reference for air quality that might help you determine the best recalibration interval for your situation.

Legislation / certification

If you are a company that is ISO 9001 or ISO 50001 certified, regular recalibration is mandatory. The calibration interval for each instrument needs to be defined by a company policy and then adhered to.

Energy monitoring

If your goal is energy savings, you need to make sure your equipment is recalibrated on a regular basis to avoid basing decisions on

incorrect data. We recommend an annual re-calibration for these applications.

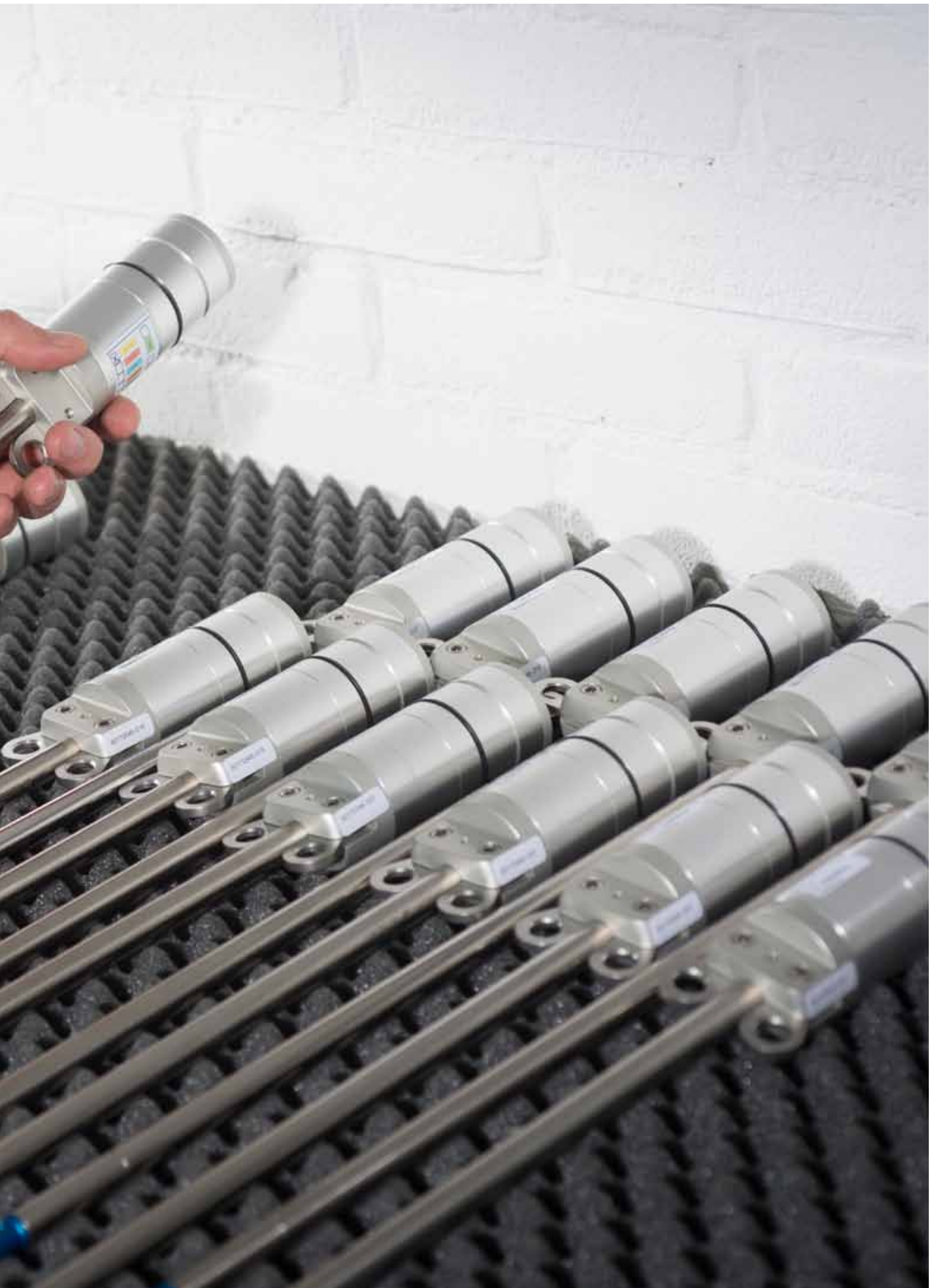
Auditors

Professional air auditors need equipment that is maintained, calibrated and in excellent condition.

As an auditor, you might want to insist on recalibrating your equipment before every audit. Your customers must have confidence in your results, which should be traceable to a National Standard.

Incidents

For example, if a flow meter is exposed to physical conditions which are out of the specifications, the internal sensor could be damaged. Unless you do a calibration check after an incident, you will not know for sure that the sensor is working correctly.





easy insight into energy flows™

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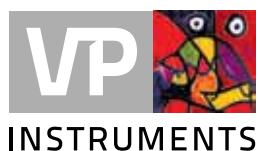
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